

POWER

CRAFTSMAN

REG. U. S. PAT. OFF.

1953 Models



SEARS, ROEBUCK AND CO.

*Satisfaction Guaranteed
or Your Money Back*

Prices shown in this catalog are approximate selling prices. Your nearest Sears Retail Store will furnish you with exact selling prices which will not exceed ceiling prices under applicable price regulation of O. P. S.

TOOLS

Here's what you can do with a Bench Saw



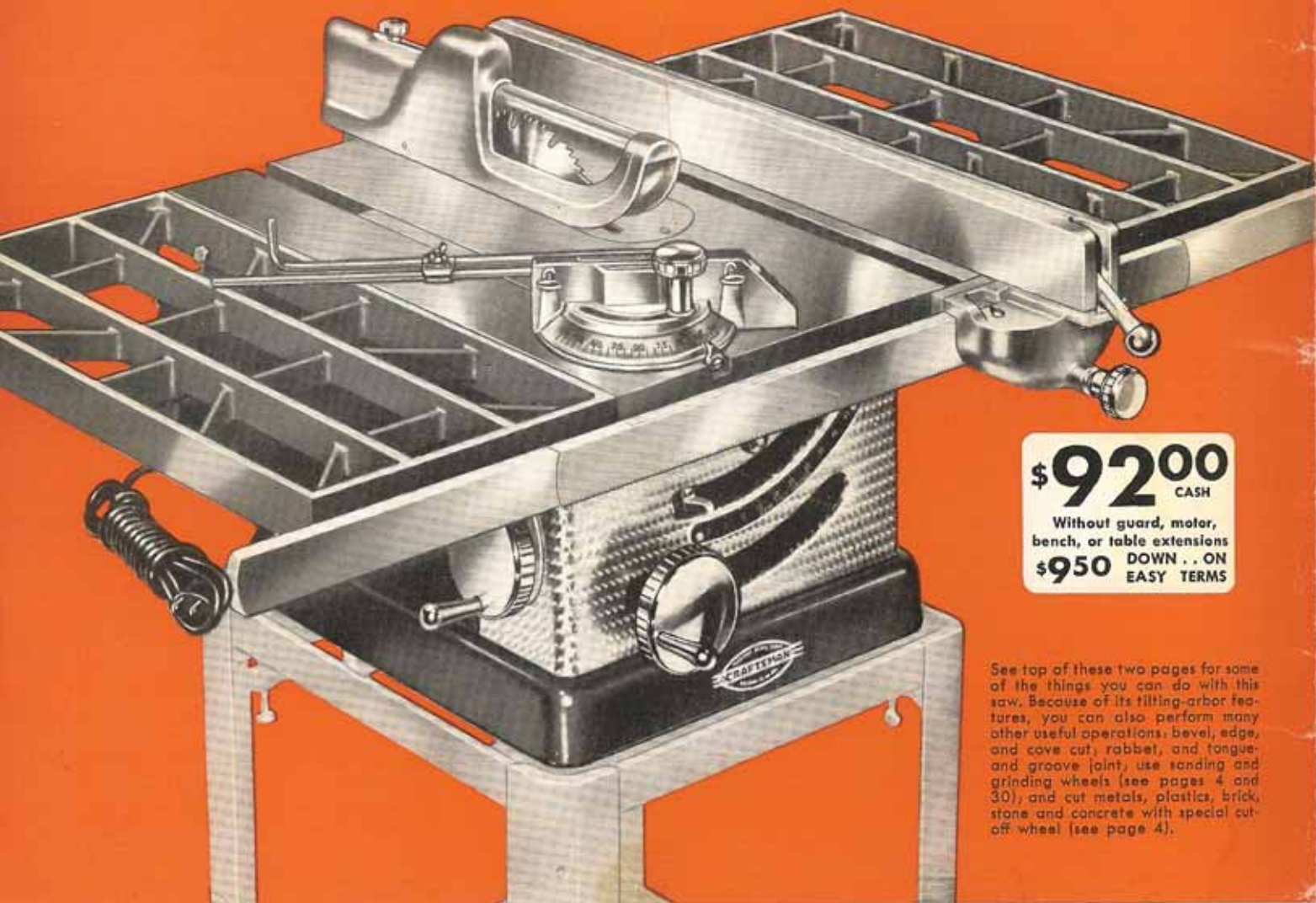
CROSS CUT



RIP



MITER



\$92.00 CASH
Without guard, motor,
bench, or table extensions
\$950 DOWN . . ON
EASY TERMS

See top of these two pages for some of the things you can do with this saw. Because of its tilting-arbor features, you can also perform many other useful operations: bevel, edge, and cove cut; rabbet, and tongue-and-groove joint; use sanding and grinding wheels (see pages 4 and 30), and cut metals, plastics, brick, stone and concrete with special cut-off wheel (see page 4).

CRAFTSMAN "100" 10-in. Tilting-Arbor Bench Saw

REG. U. S. PAT. OFF.

Big . . Husky . . Extra heavy duty . . Has features found in NO other Bench Saw!

By far the finest bench saw we've ever sold! For outstanding quality, mechanically superior features and exceptional performance *all in one saw* . . . we're positive this superb CRAFTSMAN tilting-arbor saw cannot be matched elsewhere today . . . at anywhere near this price! Compare its operating advantages with any other saw, and you'll see why professional craftsmen rely on it constantly for faster, easier, more accurate use in countless shop operations! Precision built . . . meets rigid requirements of industrial shop use.

Massive, extra heavy duty construction! Extraordinary accuracy! Improved model, with more rigid saw base and stronger motor support, with new pivot arm for smoother operation. New tension device between motor mounting plate and support reduces transmission of vibration and jumping of motor.

Table never tilts . . . work always lies flat! Motor, blade and arbor tilt together as a unit, any angle up to 45 degrees; belt never twists. Blade raises and lowers to vary depth of cut from 0 to 3 $\frac{3}{4}$ inches.

Sealed precision ball bearings, lubricated for life! Extra-large 27x20-in. heavy cast semi-steel table; precision ground; grooved on both sides of blade.

Working area in front of blade now 13 $\frac{1}{4}$ -in. Rip fence usable on either side of blade *clear to table edge*. Single control lever locks fence at BOTH ends (NOT just in front). 10-in. combination rip and crosscut blade ($\frac{5}{8}$ -in. bore) gives full 3 $\frac{3}{4}$ -in. depth of cut. See specification table on opposite page. Blade, miter gauge, stop rods, rip fence, machine and motor pulleys and V-belt included. Guard assembly not included (see 9 A 2791 on opposite page).

- 99 AM 2752—Without guard assembly, motor, side extensions, or bench. Shipping weight 157 pounds. **\$92.00**
- 99 AM 2753—With CRAFTSMAN $\frac{3}{4}$ -H.P. 3450 R.P.M. ball-bearing capacitor motor (for 110-120 volt 60-cycle A.C.). Shipping weight 201 pounds. **\$130.95**
- 99 AM 2754—With CRAFTSMAN 1-H.P. 3450 R.P.M. ball-bearing capacitor motor (for 115-230 volt 60-cycle A.C.). Shipping weight 207 pounds. **\$140.95**
- 99 A 02769—Side Table Extension. For above. (2 shown on saw). Use on either side of table. Cast semi-steel; grid type. Widens table 10 in. With bolts and rip fence rack extension. Size 27x10 in. Shipping weight 20 pounds. Each **\$9.50**
- 99 A 02140K—Power Tool Bench. (Described on page 11.) 18 in. long. Height adjustable. With 2 cross slide-rails. Shipping weight 24 pounds. **\$10.50**

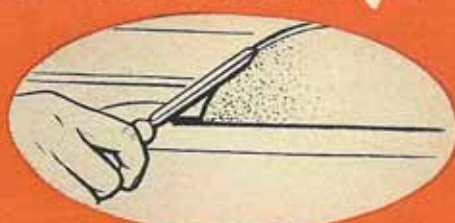
..the most useful tool in your workshop!



DADO



SAND



SHARPEN

SPECIFICATIONS

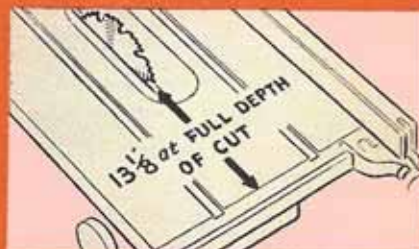
- Depth of cut, maximum..... 3 $\frac{3}{4}$ inches
- Type of blade..... Combination
- Blade size..... 10-inch diameter; $\frac{3}{4}$ -inch bore
- Table size..... 27 inches long; 20 inches wide
- Table height..... 12 $\frac{3}{16}$ inches
- Table tilt (maximum)..... 45 degrees
- Length of fence..... 32 $\frac{3}{4}$ inches
- Base size..... 14 $\frac{3}{4}$ inches wide; 16 $\frac{3}{16}$ inches long
- Dado capacity (using 6-in. dado saw):
width..... 1 $\frac{3}{16}$ inches
depth..... 1 $\frac{3}{8}$ inches
- Bearings..... 2 sets sealed, lubricated for life
- Blade speed..... 9000 peripheral feet per minute (approx.)
- Arbor speed recommended 3450 R.P.M.
- Motor recommended (minimum)..... $\frac{3}{4}$ -H.P. 3450 R.P.M.
- Machine pulley (included)..... 2 $\frac{3}{4}$ inches
- Motor pulley (included)..... 2 $\frac{3}{4}$ inches
- V-belt (included)..... 43 inches long; $\frac{1}{2}$ inch wide
- Mounting dimensions (hole centers)..... 11 $\frac{3}{4}$ x 13 $\frac{7}{16}$ in.
- Over-all dimensions. Height 18 $\frac{1}{2}$ inches; width 21 $\frac{1}{2}$ inches; length 33 $\frac{3}{4}$ inches

Here's why the CRAFTSMAN "100" can provide faster, easier, more accurate work!

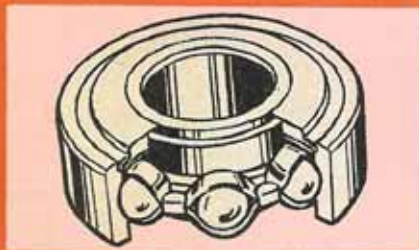
Now! Settle down to work like you've never enjoyed before! Here's a whole shop-full of tools in one compact budget priced unit... designed for men who insist on professional quality work. Work goes much *faster* with this CRAFTSMAN "100" because only brief adjustments of accessories are necessary for the next step on your job. And work goes much *easier*! You enjoy an increased working surface, from blade to front of table; tilt-arbor provides an always-level working surface; all hand-wheel controls are conveniently located; and even the rip fence is designed for more convenience. Unmistakably you'll find your work much more accurate than ever before... you just can't miss! So don't delay! Order your CRAFTSMAN "100" now!



WORK STAYS LEVEL! No more holding lumber at an awkward, uncomfortable angle! Blade and guard (NOT table and work) tilt any angle up to 45 degrees, making saw more useful, work much more accurate, faster, easier! No twisted belt; motor tilts with blade!



WORK AREA INCREASED! This great saw now has increased working surface from blade to front of table... now 13 $\frac{1}{8}$ inches at full depth of cut! This lets you cut 12-inch boards with little or no front overhang; is much handier, and makes your work more accurate!



DOUBLE ROW HEAT-TREATED, TEMPERED, PRECISION-GROUND BALL BEARINGS. Securely grease-sealed against dirt, moisture, etc. Fully lubricated for life... NEVER need additional lubrication. Provide much smoother, easier operation... assure much longer work life!



HAND-WHEEL CONTROLS CONVENIENTLY LOCATED! Both depth of cut and angle of tilt controlled by easy-acting hand-wheels, at or near front of saw. Handles on wheels rotate. Both controls have accurate gauges. This efficient design insures faster, easier, better operation.



RIP FENCE IS HANDIER! Improved rip fence is usable on either side of blade clear to table edge, even using table extensions. Single control at front, locks fence at both ends (NOT just in front, as on some saws), gives rip fence greater rigidity and accuracy!

Accessories for CRAFTSMAN "100" Tilting-Arbor Bench Saw



A CRAFTSMAN Power-Panl. A convenient, safe way to hook up motor, or motor and tool light, for your power tools. Simply mount Power-Panl on bench. Protects operator from reaching over moving parts to turn motor on or off. Fits Power Tool Benches on page 11; also has brackets for adapting to other metal or wood benches. *UL approved.* 1-H.P. rated switch. Has one double prong receptacle for plugging in motor and tool light. 125-150 volts A.C. or D.C. Shipping weight 1 pound. 9 A 2120..... \$3.95

B Dado Insert. For CRAFTSMAN "100" Tilting-Arbor Bench Saw on opposite page. Shipping weight 8 ounces. 9 A 2212..... Each 90c

C Saw Guard Assembly. For CRAFTSMAN "100" Tilting-Arbor Bench Saw on opposite page. Automatic leveling guard tilts with blade; has transparent plastic insert... protects operator... provides plastic view of work. Complete with guard, splitter, splitter bracket, and non-kickback pawls. Send in your order now! Shipping weight 6 pounds. 9 A 2791..... \$9.25

D "The Circular Saw" Instruction Book. 32-page manual of operation with more than 215 illustrations. Instructs in use of bench saw, electric hand saw, and radial saw. Explains clearly how to make 30 different wood joints. An easy-to-follow, invaluable workshop aid. Shipping weight 2 ounces. 9 A 2926..... 25c



You can do all of these operations.. and many more..



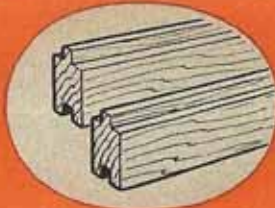
Bevel Cuts are practically as simple as standard ripping and crosscutting operations.



Dado and Groove Cuts—just remove table insert—use dado saw in place of the blade.



Miter Cuts made very rapidly. Miter gauge assures accuracy for perfect-fitting joints.



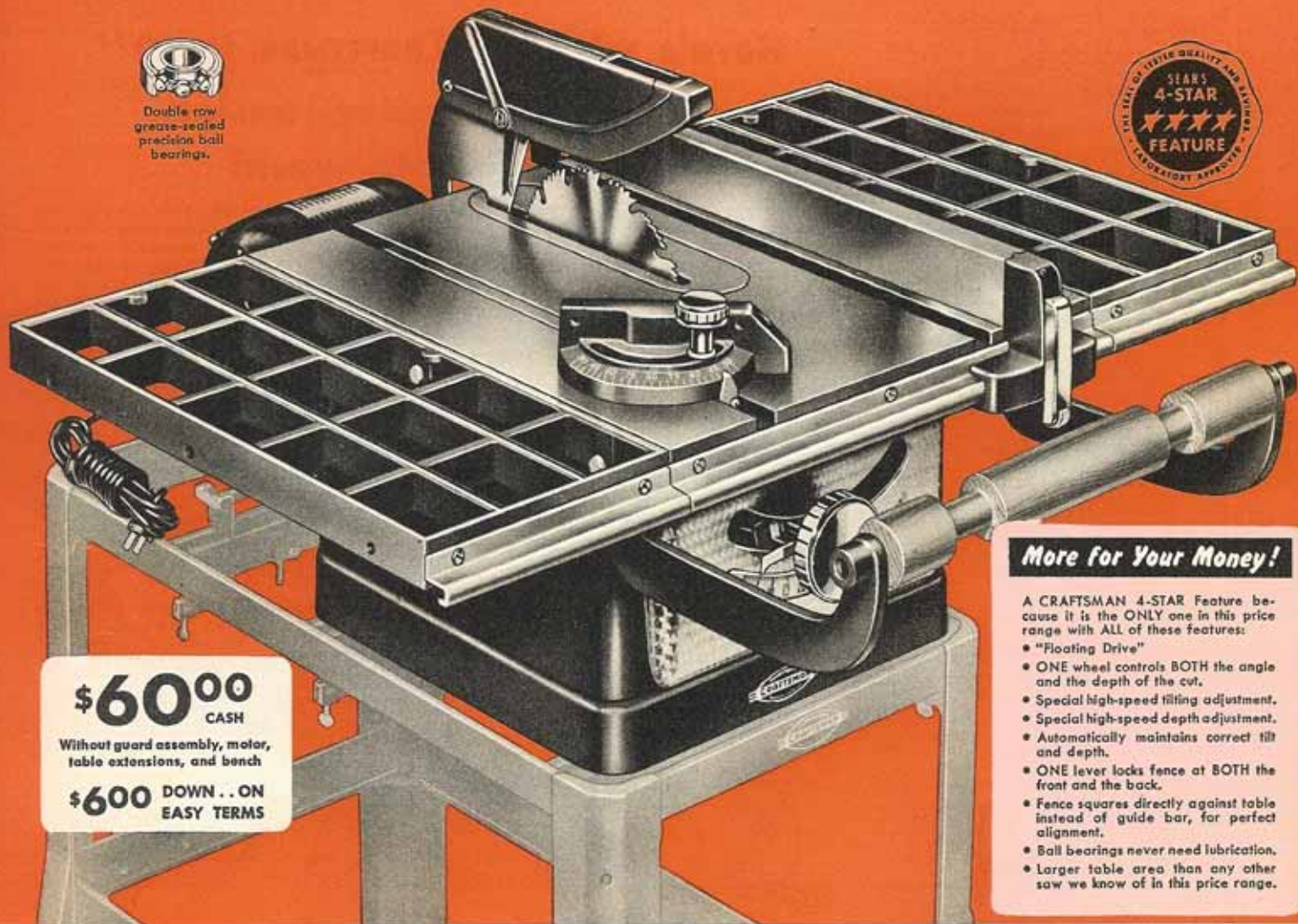
Tongue and Groove Joints for flooring, siding, etc., are simple with use of a dado head.



Edge Cutting is very easy with standard equipment plus simple auxiliary supports.



Double row grease-sealed precision ball bearings.



\$60⁰⁰
CASH

Without guard assembly, motor, table extensions, and bench

\$600 DOWN.. ON
EASY TERMS

More for Your Money!

A CRAFTSMAN 4-STAR Feature because it is the ONLY one in this price range with ALL of these features:

- "Floating Drive"
- ONE wheel controls BOTH the angle and the depth of the cut.
- Special high-speed tilting adjustment.
- Special high-speed depth adjustment.
- Automatically maintains correct tilt and depth.
- ONE lever locks fence at BOTH the front and the back.
- Fence squares directly against table instead of guide bar, for perfect alignment.
- Ball bearings never need lubrication.
- Larger table area than any other saw we know of in this price range.

CRAFTSMAN "80" 8-inch Tilting-Arbor Bench Saw

REG. U. S. PAT. OFF.

We've made many careful comparisons, and sincerely believe there is NO other bench saw in this price range which matches this superb CRAFTSMAN saw in quality, features, accuracy, and size. Massive, heavy duty construction throughout. Easily meets the most rigid requirements of amateur and professional craftsmen and large woodworking shops. Has exceptional accuracy in operation because of the very close machining tolerances maintained in manufacture. Has features and operating advantages you'll find in no other bench saw!

New-type motor mount. Motor is mounted in a special support on the bench behind the saw. This stops transmission of motor vibration to the saw by eliminating any mechanical connection. Minimizes the strain on the frame and the arbor of the saw, since practically all motor weight rests on the motor mount itself. Eliminates need for using a special motor. Makes it easier to tilt blade because motor is not lifted, but is moved horizontally.

Big 20x17-inch table of heavy cast semi-steel. The surface is precision ground and all sides are completely machined. Table has replaceable insert for dadoing, sanding or grinding. Grooved on both sides of blade for use of miter gauge.

Many other quality features. Because of a special mechanical arrangement the arbor is tilted more rapidly than on ordinary tilting-arbor saws, without any loss of accuracy. Automatic-leveling guard tilts with saw blade; has non-kickback pawls and splitter. Entire guard assembly is easily and quickly removed if desired. One end of the miter protractor has been beveled so that it may be used over the full length of the table when the saw blade is tilted to 45 degrees. Fence is made

of tempered aluminum; carefully ground for trueness. Depth-of-cut and angle-of-tilt gauges easily read from normal operating position. 2-in. machine pulley, 2 3/4-in. motor pulley and 1/2x40-in. V-belt are included.

Specifications: 2 1/2-in. maximum depth of cut; Dado capacity (maximum, with 6-in. head)—width 1 3/8-in., depth 1 1/2-in.; Combination-type blade, 8-in. diameter and 1/2-in. bore; Double-row precision ball bearings; Recommended arbor speed (approximately) 4500 R.P.M.; Motor recommended (minimum)—1/2-H.P. 3450 R.P.M.; Mounting dimensions (bolt holes)—11 1/2x11 1/8 inches, (extremes of saw and motor brackets)—19 1/2x15 1/8 inches; Overall dimensions—height 14 3/8 in., width 17 in., length 26 7/8 in.

- 99 AM 2216—Without guard assembly, motor, table extensions, and bench. Shipping weight 68 pounds. **\$60.00**
- 99 AM 2217—With CRAFTSMAN 1/2-H.P. 3450 R.P.M. ball bearing capacitor motor. (110-120 volt. 60-cycle A.C.) Shipping weight 99 pounds. **\$91.50**
- 99 AM 2218—With CRAFTSMAN 3/4-H.P. 3450 R.P.M. ball bearing capacitor motor. (110-120 volt 60-cycle A.C.) Shipping weight 112 pounds. **\$98.95**
- 99 A 02417—Side Table Extension. (2 shown on saw.) For either side. Grid-type; semi-steel. Each extension widens table 8 3/4 in. With bolts and fence extension. Size: 8 3/4x20 in. Shipping weight 13 pounds. Each ... **\$7.50**
- 9 A 2356—Front or Rear Table Extension. (Shown on saw.) Roller type. Won't disturb rip fence use. Bolts included. Shipping weight 7 pounds. **\$4.25**
- 99 A 02134K—Power Tool Bench. The sliding rails make it possible to use this bench with almost any bench-type power tool. See page 11 for complete description. Shipping weight 28 pounds. **\$11.95**

with this **CRAFTSMAN Bench Saw** and proper accessories!

REG. U.S. PAT. OFF.



Rabet Cuts made easily. Use either the rip fence or the miter gauge as a guide.



Cove Cuts—feed the work at an angle to the blade. Take light cuts to desired depth.



Metal-Cutting—use a cut-off wheel. Will also cut concrete, plastic, brick, glass, etc.



Grinding and Sharpening—use a grinding wheel in place of the blade.



Sanding Work of all kinds. Use a sanding plate in place of the saw blade.

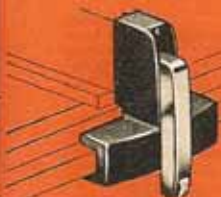
Imagine! It has double-row sealed precision ball bearings AND 3 more great quality features:



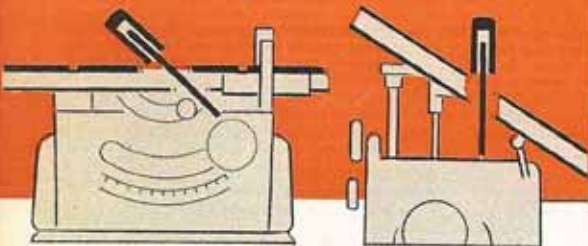
1. Motor is mounted on support on the bench behind the saw. This means smoother operation, easier tilting, and greater protection of motor from sawdust. A special motor is not necessary. Floating motor mount automatically controls belt tension.



2. Tilting, raising and lowering of the blade are all controlled by one single hand-wheel at the front of the saw. Just move the wheel in or out to change controls. This means much more convenient operation in adjusting depth and angle of cut.



3. Perfect alignment of the fence is assured at all times because the control squares against the front of the table, rather than against a guide bar. A single lever locks fence against BOTH ends of table. The fence can be used on either side of the blade.



Here's why tilting-arbor saws assure better work

On a tilting-arbor saw, the table is always level and work lies flat, regardless of the angle at which the board is being cut. For this reason, sawing on a tilting-arbor bench saw is ALWAYS faster—easier—more accurate.

On a tilting-table saw it is often difficult to hold the work in the correct position, as it tends to slide toward lower side of table. Long boards are very hard to work on—sometimes hit the ceiling.

The "Circular Saw" Instruction Book

Complete, up-to-date book of instructions for all circular saw owners. Has 32 pages and over 215 illustrations for better understanding! With this book you can be sure that you will get the most out of your bench saw, electric hand saw, swing saw, builders' saw or radial saw. Send for your copy of this instruction book today! Shipping weight 2 ounces.

9 A 2926.....Only 25c



DOUBLE UTILITY

CRAFTSMAN Power Tool Combination

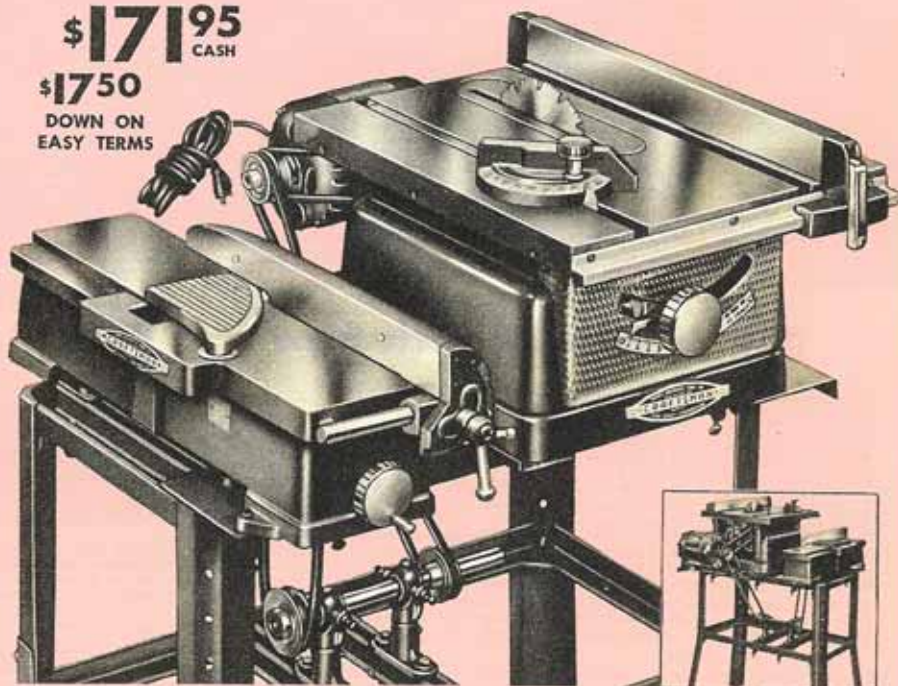
REG. U.S. PAT. OFF.

Complete Outfit as listed

\$171⁹⁵
CASH

\$1750

DOWN ON
EASY TERMS



CRAFTSMAN 8-inch Tilting Arbor Bench Saw and 4 3/8-inch Jointer Combination Offer

NOTHING LIKE IT—the most useful, space saving combination we've ever seen! Make all saw cuts with lumber in level position AND plane and joint without moving to another bench. Also, you save money. No need to buy a second motor and bench.

CRAFTSMAN 8-in. Tilting-Arbor Bench Saw. Same saw as on opposite page but with miter gauge, fence, machine pulley, motor pulley, belt with "Floating Drive." ONE wheel controls BOTH angle and depth of cut. 20x17-in. table of cast semi-steel. Precision ground; sides machined. Grooved on both sides of blade for miter gauge. 9 1/4-in. in front of blade at full depth of cut. Use fence on either side of blade. Double-row sealed ball bearings NEVER need lubrication. 8-in. combination blade (3/4-in. bore) gives up to 2 1/4-in. depth of cut; tilts any angle to 45°.

CRAFTSMAN 4 3/8-in. Jointer-Planer. Massive, cast semi-steel base extends full length of tables. Over-all length 29 1/4 in. Precision ground tables. Steel cutter head has three 4 3/8-in. high speed steel knives. Maximum depth of cut 3/4-in.; rabbet depth 3/8-in. Fence tilts up to 45° in either direction. 2-in. machine pulley supplied.

Also: (1) CRAFTSMAN 3/4-H.P. Capacitor Motor; 3450 R.P.M.; for 110-120-volt, 60-cycle A.C. (2) Steel Power Tool Bench; 30 in. long; 16 1/4 in. wide. Adjustable for any height from 22 to 32 in. (3) Jack Shaft Kit: shafting, pulley, belts, shaft hangers and attachment plates.

99 A M1207—Complete Outfit. Shipping weight 211 lbs. \$171.95

99 A 02749K—Jack Shaft Kit only. For Bench Saw and Jointer-Planer Combination, above. Shipping weight 22 pounds. \$18.50

CRAFTSMAN "80" Saw Accessories

- A** Saw Guard Assembly. For use on the CRAFTSMAN "80" 8-inch Tilting Arbor Bench Saw. Complete with guard, splitter, and non-kickback pawls. Shipping weight 2 pounds. 9 A 2774.....Only \$3.40
- B** Dado Insert. For use on CRAFTSMAN Model "80" 8-inch Tilting Arbor Bench Saw when doing dado work. Constructed of tough, long-life steel. Shipping weight 12 ounces. 9 A 2405.....Only \$1.20





Crosscut Blade



Rip Blade



Dado Cutters

"Circular Saw" Instruction Book included with Bench Saws 99 A M2540 and 99 AM2424 on opposite page.

Replacement blades are available for these bench saws. High quality 8-inch replacement blades can be found on page 6 of this catalog. Dado cutters are on page 7 of this catalog.

\$1850

Without motor, bench or floating rail



A \$36.00 CASH Without motor, bench or table extensions \$400 DOWN .. ON EASY TERMS

DUNLAP 8-in. Bench Saw

REG. U. S. PAT. OFF.



Hand knob raises, lowers, and locks blade in position. Saw carriage mounted to underside of table for extra rigidity.

SPECIFICATIONS:

- Depth of cut (maximum)..... 2 3/4 inches
- Blade... 8-inch plain tooth combination with 3/4-in. bore
- Table size..... 17x15 in.
- Base size..... 13x9 1/2 in.
- Dado capacity (maximum) with 6-inch head: width 1 3/8 inch; depth 1 1/2 inches
- Bearings..... Self-lubricating porous bronze
- Recommended arbor speed (approximate)..... 5100 R.P.M.
- Motor recommended (minimum)..... 3/4 H.P. 1750 R.P.M. Recommended for light work
- Machine pulley (included)..... 1 3/4 in.
- Motor pulley (not included)..... 4 in.
- Overall dimensions..... 12 3/4 inches high; 15 inches wide; 20 3/4 inches long

Large 17x15-in. smooth ground cast-iron table! Porous bronze bearings; oil well between spindle bearings. Saw carriage mounted on underside of table. One hand-wheel raises, lowers, locks 8-in. plain tooth combination rip and crosscut blade. 8 3/4-in. clearance in front of blade. Miter gauge may be used either side. Insert removable for dadoing. Adjustable guard swings up... out of way. Self-aligning rip fence may be used either side; locks at both ends. Neither table nor arbor tilts. Heavy stamped steel base. Complete with guard, miter gauge, splitter, rip fence, blade, instructions. It's the lowest price we know of for a saw of such quality.

- 99 A M2465—Without motor, bench, motor pulley, floating rail or V-belt. Shipping weight 42 pounds. **\$18.50**
- 99 A 02134K—Power Tool Bench. (See page 11 for description.) With 4 cross-slide rails. Shipping weight 28 lbs. **11.95**
- 9 A 2275—Floating Motor Rails. Use one motor for several tools. Shift motor from tool to tool. Floating motor rail, one pair clips. Shpg. wt. 1 lb. 13 oz. **1.00**

DUNLAP 8-in. Tilting-Table Saw

REG. U. S. PAT. OFF.



Table tilts 0 to 45°. Efficient gear mechanism quickly and easily raises and lowers table on two heavy columns.

SPECIFICATIONS:

- Depth of cut..... 2 3/4 inches
- Blade..... 8-inch combination type with 3/4-inch bore
- Table size..... 16 3/4x12 3/4 inches
- Table size with extensions (not included)..... 16 3/4x23 3/4 in.
- Dado capacity (maximum) with 6-inch head: width 7/16 inch; depth 1 1/2 inches
- Bearings..... Self-lubricating porous bronze
- Recommended arbor speed (approximate)..... 4500 R.P.M.
- Motor recommended (minimum)..... 1/2 H.P. 1750 R.P.M.
- Machine pulley (included)..... 2-inch
- Motor pulley (not included)..... 5-inch
- Mounting dimensions..... 11 1/2x16x6 3/4 inches
- Overall dimensions..... 14 3/4 inches high; 12 3/4 inches wide; and 20 3/4 inches long.

A 16 3/4x12 3/4-inch table tilts 0 to 45°; insert removable for dadoing. Positive locks maintain correct angle and depth of cut. Porous bronze bearings with oil reservoirs around each. Rip fence locks at BOTH ends. Heavy cast semi-steel table and base. Table can be accurately raised or lowered to desired position. Enclosed design for greater safety. With miter gauge, full-floating guard, rip fence, splitter and machine pulley. 99 A M2540—Without motor, motor pulley, V-belt or bench. Shpg. wt. 53 lbs. **\$36.00**

- 99 A M2541—With CRAFTSMAN 1/2 H.P. 1750 R.P.M. ball-bearing motor (110-120-volt 60-cycle A.C.), 5-in. motor pulley, V-belt. Shpg. wt. 90 lbs. **65.00**
- B 9 A 2174—Table Extensions. Stamped steel; 5 3/4x16 3/4 in. Increase table size to 16 3/4x23 3/4 in. With support bars, fittings, shpg. wt. 6 lbs. **5.50**
- 99 A 02140K—Power Tool Bench. (Described on page 11). 2 extra cross slide rails (listed below) needed when used with above saw. Shpg. wt. 24 lbs. **10.50**
- 9 A 2016—Extra Cross Slide-Rails. For above bench. Shpg. wt. 3 lbs. Each **85c**



Polishing Bonnet

C Downy-soft Lambswool Polishing Bonnet. Here's the fast, easy way to do a fine polishing job on wax surfaces. Quickly provides a brightly gleaming, glossy sheen finish! Designed to fit over 8-inch sanding plates. Has 1 1/4-inch pile of tough... but very gentle... genuine lambswool. Withstands hard usage. Diameter 9 inches. Shpg. wt. 8 oz. 9 A 2539..... Each **\$1.69**

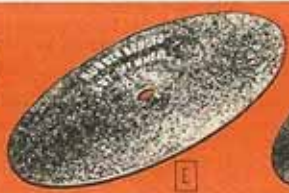
Be sure to take advantage of Sears NEW Easy Pay Plan. You can pay for your tools as you use them! See inside back cover.



Sanding Wheel

D Eight-in. diameter; 1/2 or 3/8-in. bore. Steel disc has insert; fits any 8-in. or larger bench saw, having 1/2 or 3/8-in. arbor. Has one medium and one coarse abrasive disc for wood, attached. 9 A 2272-Shpg. wt. 4 lbs. Each **\$2.50**

Replacement Sanding Discs. (Not shown.) For 9 A 2272 above. Eight-in. diameter in package of 6 (2 fine, 2 medium, 2 coarse); 10-in. diameter in package of 4 (1 fine, 1 medium, 2 coarse). Two-in. center hole fits over any arbor. State size wanted. 9 A 2273-Shpg. wt. 10 oz. Pkg. **59c**



Cut-off Wheels

E Rubber bonded aluminum oxide. 8-inch diameter by 3/32 inch thick. For 1/2, 3/8, or 3/4-inch shaft. State shaft size. Shpg. wt. 1 lb. 9 A 6470..... Each **\$1.29**

F Resinoid bonded. 8-inch diameter by 1/32 inch thick. For 1/2, 3/8 or 3/4-in. shaft. State shaft size. (Use dry). Shipping weight 1 lb. 9 A 6448—For steel sheets or tubing, etc. (aluminum oxide). **\$1.29** 9 A 6449—For tile, porcelain, etc. (silicon carbide)..... **1.39** 9 A 6455—For cast iron, brick, concrete, etc. (silicon carbide). **1.39**

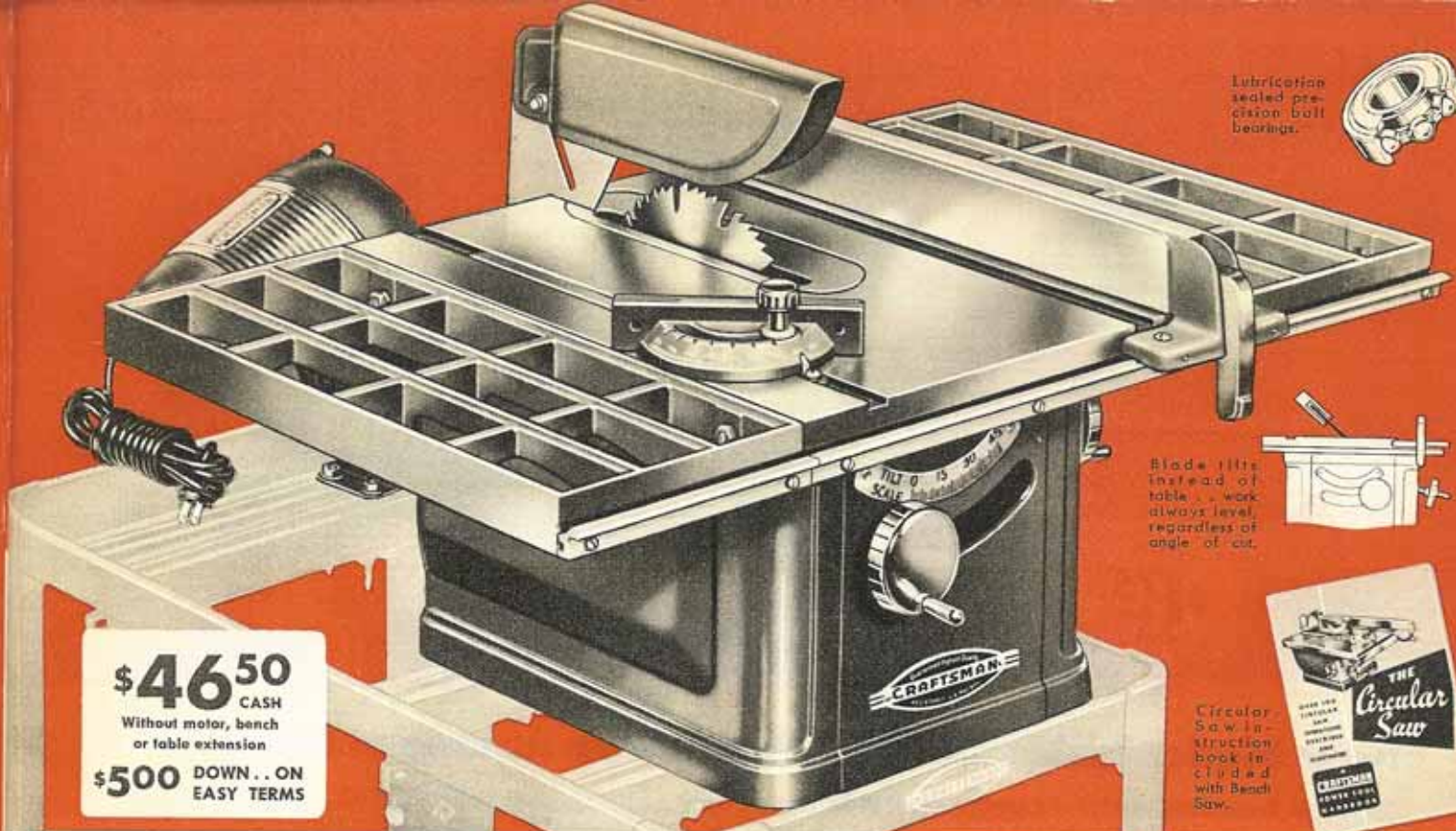


Bayflex Abrasive Wheels

G It's cotton felted, aluminum oxide impregnated and resinoid bonded. Use instead of hack saw, file, sharpening wheel or circular saw. 1-inch hole. Bushings furnished for smaller shafts.

9 A 6428—State diameter, grit, hole size wanted.

Diam.	Thickness	R.P.M.	Grit	Shpg. Wt.	Each
6 in.	1/8 in.	10,000	120	8 oz.	\$1.45
6 in.	3/32 in.	10,000	80	12 oz.	1.75
6 in.	1/4 in.	10,000	24	1 lb.	2.05
7 in.	1/8 in.	8,500	120	12 oz.	1.89
7 in.	3/32 in.	8,500	80	1 lb.	2.25
7 in.	1/4 in.	8,500	24	1 lb.	2.75
8 in.	1/4 in.	7,500	120	1 lb.	2.35
8 in.	3/32 in.	7,500	80	1 lb. 4 oz.	2.95
8 in.	1/4 in.	7,500	24	1 lb. 8 oz.	3.75
10 in.	1/4 in.	6,000	24	2 lbs.	5.50
10 in.	1/4 in.	6,000	24	3 lbs.	8.95



Lubrication sealed precision ball bearings.

Blade tilts instead of table... work always level, regardless of angle of cut.

\$46⁵⁰ CASH
Without motor, bench or table extension
\$500 DOWN... ON EASY TERMS



Circular Saw instruction book included with Bench Saw.

Fully Equipped CRAFTSMAN Tilting Arbor Bench Saw

A sensational value for an 8-inch tilting-arbor bench saw... one of our finest offerings! New methods of manufacture make possible this amazing price. IMPORTANT—don't confuse this great tool with other tilting-arbor saws selling in this price range. Its rugged quality and exceptional accuracy in operation are almost unbelievable!

Floating drive motor mounting supports motor on a special mount on bench behind saw... smoothes vibration... permits easier tilting... eliminates need for special motor. (Just slip the belt off, pick up the motor, and use it on other power tools with our regular motor rail clips.)

Super-lubricated sealed precision ball bearings have larger oil chamber than are usually used—NEVER need further lubrication. These double-row ball bearings form integral unit with arbor shaft and prevent misalignment.

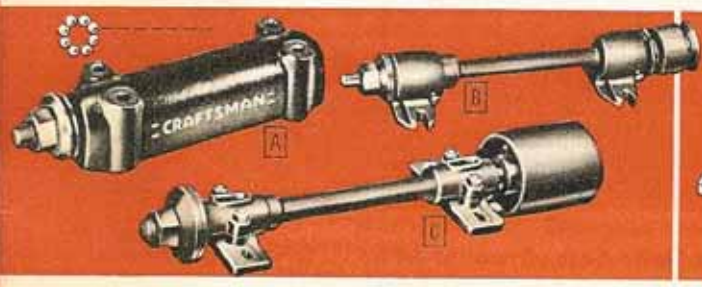
Greatly improved fence design. ONE lever locks fence at BOTH front and back. Fence squares directly against front of table instead of usual guide bar, for accuracy. Can be used on either side of blade.

17x14-inch table of cast semi-steel has top AND sides machined. Blade and arbor tilt together to any angle up to 45°; raises and lowers to vary depth of cut.

Not a stripped model—complete with blade, guard, splitter, miter gauge, fence and machine pulley. (Use minimum of 1/2-H.P. motor; 3450 R.P.M. with 2 1/2 inch pulley and 40-in. belt; or 1750 R.P.M. with 5 in. pulley and 44-in. belt.)

SPECIFICATIONS:

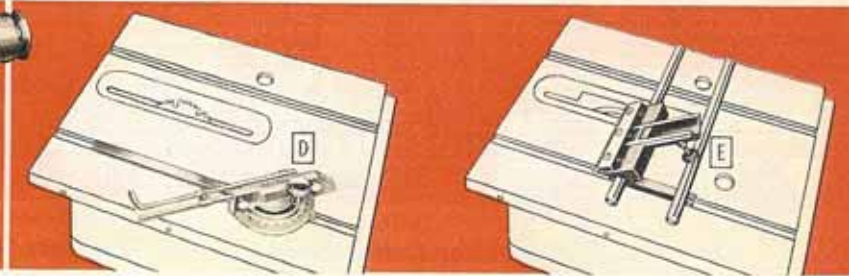
- Depth of cut (maximum)..... 2 3/4 inches
- Blade..... 8-inch combination-type with 1/2-inch bore
- Table size..... 17x14 inches
- Table size with extensions (not included)..... 17x28 inches
- Dado capacity (maximum) with 6-inch head; width 1 3/8 inch; depth 1 1/2 inch.
- Bearings..... Pre-lubricated, sealed for life; double-row precision ball
- Recommended arbor speed (approximate)..... 4500 R.P.M.
- Motor recommended (minimum)..... 1/2-H.P.; 3450 R.P.M. or 1750 R.P.M.
- Machine pulley (included)..... 2-in.
- Motor pulley (not included)..... 2 1/2-in. for 3450 R.P.M.; 5-in. for 1750 R.P.M.
- 99 A 02424L—Without motor, table extensions or bench. Shpg. wt. 48 lbs.... **\$46.50**
- 99 A M2426—With 1/2-H.P. 3450 R.P.M. ball-bearing capacitor motor (110-120-volt 60-cycle A.C.), 2 1/2-in. motor pulley, 40-in. belt. Shpg. wt. 86 lbs.... **\$78.95**
- 99 A 02723—Side Table Extension. (2 shown on saw.) For either side. Semi-steel 7-in. wide. With bolts and fence extension. Shpg. wt. 10 lbs.... Each **\$5.95**
- 9 A 2722—Steel Dado Insert. Shipping weight 7 ounces..... **1.00**
- 99 A 02134K—Adjustable Steel Power Tool Bench. Height adjustable 22 to 32 in. 30 in. long; 16 3/4 in. wide. With 4 slide-rail supports. Gray enameled. Wt. 28 lbs.... **\$11.95**



CRAFTSMAN Mandrels

- A** Ball Bearing Mandrels. Oversize precision ball bearings; grease sealed inside for protection against dirt, moisture, etc. Streamlined cast iron housing. Improved compact design. Your choice of two sizes.
- 9 A 4948—Size 00. 3/8-inch shaft turned down to 1/2-inch at ends. Threaded 1/2x20. Length 9 1/2 inches. Shipping weight 3 pounds 8 ounces..... **\$6.25**
- 9 A 4949—Size 0. 5/8-in. straight shaft; ends threaded 3/8x18. Length 11 1/2 in. Shpg. wt. 4 lbs..... **\$6.75**

- B** Bronze Bearing Mandrels. Right hand threads only. 2-inch double V-pulley for flat belt, single or multiple V-belt drive. Steel shaft; stamped steel flanges. Set collar takes up end play. Oil plugs. 14 inches long overall.
- 9 A 4946—Be sure to state size wanted when ordering. Size 00. 5/8-in. shaft; turned to 1/2-inch at ends. Threaded 1/2x13. Shpg. wt. 5 lbs. 5 oz..... **\$4.29**
- Size 0. 3/4-in. shaft. Threaded 3/8x11 at ends. Shipping weight 6 lbs..... **\$4.79**



Heavy Duty Saw Mandrels

C Precision built! Babbitted bearings. Machined steel collars. Cold rolled steel shaft. Set collar. With bolts. Size 00 has single V-pulley only. Order by catalog number and state size wanted.

\$340 Size 00

Size	Pulley diameter and face	Shaft size inches	Shaft size at end inches	Shipping wt.	99A04947L Left hand threads	99A04932L Right hand threads
00	2 x 2 in.	1 1/2 x 3/8	1 1/2	7 lbs.	\$3.40	\$3.40
0	2 x 3 in.	1 1/2 x 3/8	1 1/2	15 lbs.	5.10	5.10
1	2 1/2 x 3 1/2 in.	1 1/2 x 1 1/8	1 1/2	20 lbs.	6.40	6.40
3	3 1/2 x 4 1/2 in.	2 1/2 x 1 1/8	1 1/2	30 lbs.	7.95	7.95
6	5 x 6 in.	2 7/8 x 1 1/8	1 1/2	40 lbs.	14.50	14.50
8	6 x 7 in.	3 1/2 x 1 1/8	1 1/2	60 lbs.	18.50	18.50

NEW! Blade Sharpener

E Now! Here's how you can swiftly and easily sharpen straight edge blades in your own workshop. New blade sharpener attachment for use on bench saws with miter grooves 3/8 or 3/4 inch wide, measuring no more than 5 inches from face of blade back-up collar to center of left hand miter slot. The perfect instrument for quickly sharpening jointer-planers, wood chisels, planes and other straight edge cutting blades. Engineered to sharpen bevel faces, 25 to 40° angle, with precision hollow grinding. Strong, long-life construction! Rugged cast iron holder; sturdy steel guide bars. Use with 9A6412 CRAFTSMAN grinding wheel (6x3/2-in.) on page 30. Shpg. wt. 7 lbs. 4 oz.

9 A 2658..... **\$7.49**

CRAFTSMAN Miter Gauge

- D** Scaled from 30 to 90°. 3/4 in. wide x 3/8 in. thick x 15 1/2 in. long bar fits in miter groove in table top. With adjustable stop rods for repetitive cuts.
- 9 A 2246—Shipping weight 4 pounds..... **\$5.25**
- 9 A 2125—Miter Gauge Stop Rods. Shpg. wt 12 oz..... **.95c**

Take advantage of Sears NEW Easy Payment Plan. Now! Lower down payments... easier terms! Pay for your tools as you use them. See inside back cover.

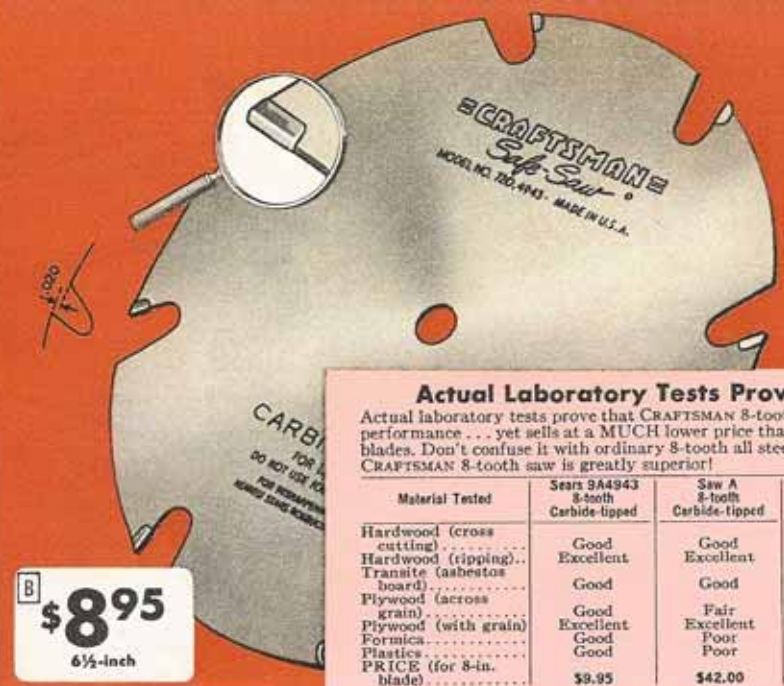
NEW!



Look at this low price... this is a sensational value for an 8-tooth saw blade of this quality!

A **NEW!**
\$1.75
Each
7-inch

B **\$8.95**
6 1/2-inch



Greater Safety... practically avoids kickback injuries.



Longer Life... lasts 20 times longer than ordinary circular saws.

Actual Laboratory Tests Prove it's better

Actual laboratory tests prove that CRAFTSMAN 8-tooth saw has a wider range of performance... yet sells at a MUCH lower price than other carbide tipped saw blades. Don't confuse it with ordinary 8-tooth all steel blades on the market... CRAFTSMAN 8-tooth saw is greatly superior!

Material Tested	Sears 9A4943 8-tooth Carbide-tipped	Saw A 8-tooth Carbide-tipped	Saw B 8-tooth Not-tipped	Saw C 8-tooth Not-tipped
Hardwood (cross cutting)	Good	Good	Good	Poor
Hardwood (ripping)	Excellent	Excellent	Good	Good
Transite (asbestos board)	Good	Good	Very poor	Very poor
Plywood (across grain)	Good	Fair	Fair	Poor
Plywood (with grain)	Excellent	Excellent	Excellent	Good
Formica	Good	Poor	Fair	Fair
Plastics	Good	Poor	Poor	Fair
PRICE (for 8-in. blade)	\$9.95	\$42.00	\$5.90	\$5.90

New blade design . . for extra safety . . longer blade life

CRAFTSMAN Free Cut Saw

A Here at last! Our new, low priced all-steel 8-tooth saw blade... for ripping and fast, rough cross-cutting. We're convinced it's one of the safest blades you can use! Teeth project only .020-in. above non-cutting edge; reduce kick-backs, overfeeding, etc. Runs smooth and quiet. You get faster, easier cuts. Uses 30 to 40% less power than conventional multi-tooth blades. Tough, rugged special steel won't crack. Seven and eight-inch blades have 8 teeth; 10-inch blade has 10 teeth. Round arbors: 7 and 8-inch blades are bushed for either 3/4 or 1/2-inch; 10-inch is bushed for either 3/4 or 1/2-inch. CRAFTSMAN means finest professional quality!

- 9 A 4956—Please state diameter wanted.
- 7-inch. Shpg. wt. 14 oz. \$1.75
- 8-inch. Shpg. wt. 15 oz. \$1.85
- 10-inch. Shpg. wt. 1 lb. 9 oz. 2.69

CRAFTSMAN Carbide Tipped Saw

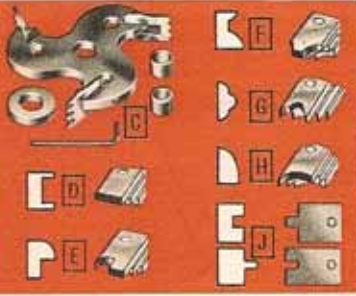
B Superior blade design... safer, because it has only 8 teeth, each projecting only .020-in. above non-cutting edge. Lasts longer... because all 8 teeth have tungsten carbide tips. Special steel saw blade is heat treated. Teeth ground with diamond wheels to exacting tolerances to give faster, smoother, more efficient cutting... less vibration, less noise. Uses less power than ordinary blades, generates less heat. No need to sharpen at frequent intervals. Width of tooth (cut) is .108/.118-in. on all diameter saw blades, except 10-in. diameter which has .118/.128-in. tooth width. 10-in. also has step-down bushings of 1 to 3/4-in. and 1 to 1/2-in.

Look at this performance record! One of these saws—10-inch blade—sawed over 27 miles of 3/4-in. laminated masonite without sharpening, until damaged by a steel object.

Used by: Industry, carpenters, contractors, hobbyists and home owners! Materials it will cut: All types of wood, plastic, formica, laminates, plywood, rubber, masonite, wallboard, fiber composition, abrasive building materials, transite, asbestos, aluminum and asphalt siding and roofing. (Do not use to cut masonry, steel, iron or other ferrous metals.)

9 A 4943—Please state diameter, arbor hole size and shape wanted.

Diam.	Arbor Hole	Fits these saws	Shpg. wt.	Price
5 1/2 in.	3/16-diamond	6-inch Still-saw	1 lb.	\$8.95
6 1/2 in.	1 1/8-in. round	6-inch Black and Decker	1 lb.	8.95
6 in.	1/2-in. square	Mall and DUNLAP 99A02572	1 lb.	8.95
6 1/2 in.	1/2-in. round	CRAFTSMAN 99A02553; bench saws	1 lb.	8.95
6 in.	3/8-1/2 in. round	Porter-Cable; bench saws	1 lb.	8.95
7 in.	3/8-1/2 in. round bushed arbor	Bench saws	1 lb. 4 oz.	9.50
7 in.	3/16-in. diamond	Still-saw, and Sears former model 02186	1 lb. 4 oz.	9.50
7 in.	1/2-in. square	Mall	1 lb. 4 oz.	9.50
8 in.	3/8-1/2 in. round	CRAFTSMAN 99A02557; bench saws	1 lb. 8 oz.	9.95
8 in.	3/16-in. diamond	Still-saw	1 lb. 8 oz.	9.95
8 in.	1 1/8-in. square	Wall electric saw	1 lb. 8 oz.	9.95
8 in.	1 1/8-in. round	Black and Decker electric saw	1 lb. 8 oz.	9.95
10 in.	1-in. step-down bushings	Bench, builders', radial, swing saws	2 lbs. 8 oz.	11.95
12 in.	1-3/4-in. round bushed arbor	Radial, swing, and bench saws	4 lbs. 8 oz.	18.95



CRAFTSMAN 5-inch Molding Cutter Head

C New! Fits most bench saws with 1/2, 3/4 or 1/2-in. arbors. Has new roto-vise grip safety lock for self-aligning blades... assures easy blade replacement, accurate alignment. Fits most dado inserts. 3 slots in head hold bits.

9 A 2289—Cutter head only. With wrench. Shpg. wt. 1 lb. 12 oz. \$4.98

9 A 2352—Bead Cutter Set only. (Shown in cutter head.) Will fit 9A2289 above, plus our former 9A2284 Molding Cutter Head. 3 bits. Wt. 3 oz. 2.50

New Cutter Bits for use in above head. Made of special alloy steel. Vertical slot on back of blade to assure alignment in molding head. 1 in. wide. Each set has 3 bits, except 9A2303—which has six. Will also fit our former 9A2284.

- D** 9 A 2300—Set of 1/2-in. Dado Blades. Cuts from 1/2 to 3/4-in. can be made by moving rip fence and passing work through a second time. Shpg. wt. 3 oz. Set \$2.50
- 9 A 2301—Set of 3/4-in. Dado Blades. Cuts from 3/4 to 1-in. can be made by moving rip fence and passing work through a second time. Shpg. wt. 3 oz. Set \$2.50
- 9 A 2302—1-inch Planer or Dado. Shipping weight 3 ounces. Set 2.50
- (E) 9 A 2350—(Cabinet door) Shipping weight 3 ounces. Set 2.50
- (F) 9 A 2351—(Decorative molding) Shipping weight 3 ounces. Set 2.50
- (G) 9 A 2354—(Screen bead) Shipping weight 3 ounces. Set 2.50
- (H) 9 A 2355—(Base or shoe molding) Shipping weight 3 ounces. Set 2.50
- (J) 9 A 2303—(Tongue and groove) Shipping weight 8 ounces. Set 4.95

DUNLAP 5 1/2-inch Dado Sets

- K** Good quality sets. Many uses! Tempered high carbon steel. Set includes: two 3/32-inch thick outside saws; six 1/16-inch inside chippers.
- 9 A 4888—With 1/2-inch center hole. Shipping weight 1 lb. 10 oz. Set \$4.95
- 9 A 4889—With 3/8-inch center hole. Shpg. wt. 1 lb. 10 oz. Set \$4.95

CRAFTSMAN Dado Sets, Groover Saws . . Grinding Wheels

- L** CRAFTSMAN 6-inch Dado Sets. Our finest professional quality. For dadoing, grooving, rabbeting, etc. Precision ground, perfectly matched chippers. Made of tempered steel. Each complete set includes: two 1/2-inch thick outside saws and five chippers (four 1/2-inch thick, and one 1/4-inch thick). Shipping weight 3 pounds 8 ounces.
- 9 A 4874—With 1/2-inch hole Set \$8.75
- 9 A 4875—With 3/8-inch hole Set \$8.75

- M** CRAFTSMAN 8-inch Dado Set. A heavy duty dado set for dado work with your bench saw, radial saw, or swing saw. Sizes to fit saws with 1-inch, 3/4-inch, and 1/2-inch arbors. Each set includes two outside saws (each cuts 1/2-inch groove), six 1/4-inch inside cutters, and paper washers for 1/16-inch width adjustments. Please state arbor size wanted: 1-inch or 3/4-inch. (3/4-inch size includes bushing to fit 1/2-inch arbor). Remember... when you buy a CRAFTSMAN tool you buy the very best professional quality. Order yours today! Shipping weight 6 lbs. 8 oz.
 - 9 A 4870 Set \$14.95
- See inside back cover for Sears Easy Terms

N CRAFTSMAN Groover Saws. Cuts with or across grain. High-carbon steel; heat treated, hardened. 5 1/2-in. diam. 3/4-in. arbor hole. (2 bushings included, change arbor hole size to 1/2 or 1/4-in.)

9 A 4914—State thickness wanted

Thickness	Shpg. wt.	Price
1/8 in.	12 oz.	\$3.19
3/16 in.	1 lb. 4 oz.	4.19
1/4 in.	1 lb. 8 oz.	5.19
5/16 in.	1 lb. 14 oz.	6.19
3/8 in.	2 lbs. 2 oz.	7.19
7/16 in.	2 lbs. 10 oz.	8.19
1/2 in.	3 lbs. 8 oz.	8.98
5/8 in.	3 lbs. 14 oz.	9.98

- P** **R** Grinding Wheels for sharpening carbide-tipped tools. Vitrified green silicon carbide. 1/2-in. thick, 1-in. center hole. Bushings furnished for smaller shafts. Order by catalog number; state wheel, shaft diameter.
- 9 A 6424—Fine grit. 6-in. diameter. Shpg. wt. 3 lbs. \$1.89
- Fine. 7-in. diam. Wt. 3 lbs. 3 oz. \$2.29
- 9 A 6425—Coarse. 6-in. diameter. Shpg. wt. 3 lbs. \$1.89
- Coarse. 7-in. diam. Wt. 3 lbs. 3 oz. \$2.29

A \$1.69
6-inch



B \$1.69
6-inch

C \$1.69
6-inch

D \$2.69
6-inch

The above view shows the gradual taper of a CRAFTSMAN hollow-ground blade. This means greater strength—allows saw to run without set—won't bind. Every cut has a smooth finish—much smoother than is possible with any other type of circular saw.

E \$1.69
6-inch



ARBOR HOLES



Absolute accuracy! Saw teeth are machine cut

CRAFTSMAN Circular Saw Blades

Professional quality. Produced by improved machine methods that eliminate many costly hand processes! You pay LESS for a MORE accurate saw! Electrically controlled furnaces hold saws flat, temper them under pressure—give blades toughness, longer-lasting edges. Chrome-nickel-molybdenum steel, heat treated; evenly tensioned to run true in cut. Accurately ground.

A B CRAFTSMAN Crosscut and Rip Saws. Please be sure to state catalog number, center hole size, and diameter of saw wanted when ordering.

Diameter	Gauge	Center Hole, In.	R.P.M.	Shipping weight	[A] 9 A 4925 Crosscut	[B] 9 A 4926 Rip
6 inches	18	1/2 or 3/4	7640	8 oz.	\$1.69	\$1.69
7 inches	18	1/2 or 3/4	6550	13 oz.	1.89	1.89
8 inches	18	1/2 or 3/4	5730	1 lb.	1.98	1.98
10 inches	16	3/4 or 1	4580	1 lb. 12 oz.	2.98	2.98
12 inches	15	3/4 or 1	3820	2 lbs. 11 oz.	4.29	4.29

C CRAFTSMAN Flat-ground Combination Saws. For crosscutting, ripping or mitering. Specify center hole size and diameter of saw wanted.

Diameter	Gauge	Center Hole, In.	R.P.M.	Shipping weight	9 A 4937
6 inches	18	1/2 or 3/4	7640	8 oz.	\$1.69
7 inches	17	1/2 or 3/4	6550	13 oz.	1.89
8 inches	17	1/2 or 3/4	5730	1 lb.	1.98
10 inches	16	3/4 or 1	4580	1 lb. 12 oz.	2.98
12 inches	15	3/4 or 1	3820	2 lbs. 9 oz.	4.29

D CRAFTSMAN Hollow-ground Combination Saws. For fine woodworking... ripping, crosscutting or mitering. 3-gauge taper grinding gives free, easy cutting. Cuts smooth enough to glue work without sanding. Cuts slightly slower than flat-ground saws. Specify center hole size and saw diameter wanted.

Diameter	Gauge Taper	R.P.M.	Center Hole, In.	Shipping weight	9 A 4939
6 inches	15 to 18	7640	1/2 or 3/4	8 oz.	\$2.69
7 inches	15 to 18	6550	1/2 or 3/4	12 oz.	2.98
8 inches	15 to 18	5730	1/2 or 3/4	1 lb.	3.89
10 inches	14 to 17	4580	3/4 or 1	1 lb. 10 oz.	7.25
12 inches	13 to 16	3820	3/4 or 1	2 lbs. 9 oz.	9.50

CRAFTSMAN Chisel-tooth Blades

E NEW! Combination-type... for ripping and crosscutting. New design! Bevel-filed, chisel-shaped tooth has greater hook angle... provides a stronger, faster-cutting blade. Actually cuts up to 30% longer before resharpening or resetting than standard or fancy-tooth combination blades. Reduces vibration... easy to sharpen and reset. We're convinced you can't choose a better combination blade, no matter how much you pay!

Made by new automatic machine methods that eliminate costly hand processes... and lower prices to the absolute minimum! Chrome-nickel-molybdenum steel... scientifically heat treated and hardened. Far superior to high carbon steel used in most circular saws... yet they're priced LOWER than ordinary carbon steel saws! Every blade evenly tensioned to run true and cut straight. Saw teeth automatically set and filed for smoother, straighter sawing. Deep gullets to clear out sawdust. Will stand up under hardest production use in factories and shops. Order from table below.

9 A 4955—State saw diameter, arbor diameter and arbor shape wanted when ordering.

Teeth	Saw diam., inches	Arbor, inch	Arbor shape	Fits these Saws	Shipping Weight	Each
16	5 3/4	1 3/4	diamond square	Skilsaw electric hand saws... 8 oz.		\$1.69
16	6	1 1/2	square	Mall, Pet, DUNLAP 9A2572 (page 9)...	8 oz.	1.69
16	6	3/4-1 1/2	round	Bench saws... 8 oz.		1.69
16	6	1 1/4	round	Black and Decker electric hand saw... 8 oz.		1.69
16	6 1/4	1/2	square	Pet, DUNLAP 9A2572 (page 9)...	8 oz.	1.69
16	6 1/2	1/2	round	CRAFTSMAN 9A2553 electric hand saw (page 8)...	10 oz.	1.69
18	7	3/4-1 1/2	round	Bench saws... 14 oz.		1.89
18	7 1/4	1/2	square	Mall electric hand saws... 14 oz.		1.89
18	7 1/4	1 3/4	diamond	Skilsaw, CRAFTSMAN former 2186 electric hand saw... 14 oz.		1.89
20	8	3/4-1 1/2	round	CRAFTSMAN 9A2557 (page 9) and Bench Saws... 1 lb. 2 oz.		1.98
20	8 1/4	1 3/4	diamond	Skilsaw electric hand saws... 1 lb. 2 oz.		1.98
20	8 1/4	1 3/4	round	Black and Decker electric hand saws... 1 lb. 2 oz.		1.98
20	8 1/2	1 3/4	square	Mall electric hand saws... 1 lb. 2 oz.		1.98
24	10	3/4-1 1/2	round	Bench saws... 1 lb. 12 oz.		2.98
24	10	1	round	Radial, swing, and bench saws... 1 lb. 12 oz.		2.98
24	12	1-1 3/4	round	Radial, swing, and commercial saws... 2 lbs. 5 oz.		4.29

*Arbors bushed to fit either size arbor indicated.



"How to Sharpen" Instruction Book

CRAFTSMAN! Over 200 illustrations! It's easy to sharpen tools when you know how. Shows how to sharpen and care for knives, saws, drills, garden tools, chisels, axes, screwdrivers, etc. 32 pages. Shipping weight 2 oz. 9 A 2924... 25c

CRAFTSMAN Nail-Cutting Blade... In our belief, the finest nail and wire-cutting blade you can buy!

With special-shaped arbor holes. Here is the nail-cutting blade you've always wanted! New, greatly improved tooth design—the result of many months' research—makes this what we believe to be the best nail-cutting blade on the market! Cuts lumber containing nails, wire, etc. Also makes an ideal all-around saw blade for rough work... BOTH ripping and crosscutting. Rugged construction. Carefully made of special high carbon saw steel; heat treated and properly tensioned for efficient performance. Comes in saw diameters, arbor hole sizes and shapes as listed in table below. Compare quality... compare price... and you'll see why we're convinced you can't buy a better nail-cutting blade anywhere!

Please be sure to state catalog number, and specify saw diameter, arbor hole diameter, and arbor shape wanted when ordering.

Catalog Number	Saw diameter	Arbor diameter	Arbor shape	Fits saws	Shipping weight	Each
9 A 4929	5 3/4 in.	1 3/4 in.	diamond square	Skil-saw Electric Saw...	8 oz.	\$3.75
9 A 4930	6 in.	1 1/2 in.	square	99A02572 saw (page 9) and Mall Electric Saw...	8 oz.	3.75
9 A 4931	6 in.	1 3/4 in.	round	Black & Decker Electric Saw...	8 oz.	3.75
9 A 4928	6 in.	1 1/2 in.	round	99A02553 saw (page 8)...	1 lb.	3.75
9 A 4928	8 in.	1 1/2 in.	round	99A02557 saw (page 9) and bench saws...	1 lb.	4.95
9 A 4928	8 in.	3/4 in.	round	Bench saws...	1 lb.	4.95

See inside back cover for complete details on Sears Easy Terms



CRAFTSMAN Gum and Pitch Remover

Quickly dissolves all pitch and gum from circular saws, hand saws, planer and jointer knives, shaper cutters, turning tools and other woodworking tools. Aids free, easy cutting. Helps prevent rust. Easy to apply. 8-oz. can. Shipping weight 10 oz. 9 A 4918... 45c



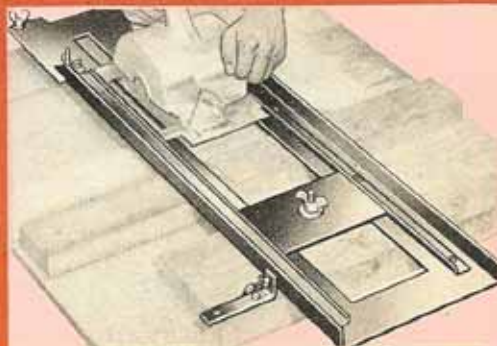
A Great 4-STAR Feature Item... Here's Why



Sealed precision ball bearings... never need lubrication!

\$55.00 CASH
Without Case
ONLY \$550 DOWN

- ★ Laboratory tests prove its mechanical design assures long life with ample overload capacity and superb temperature rise characteristics (long motor life).
- ★ Continuous field tests on heavy-duty work by thousands of customers have proved its top rating as a contractor-type saw.
- ★ Feature for feature, we do not believe there's a quality saw of this capacity with this completeness at ANY price.
- ★ Approved by Underwriters' Labs., Inc.



Stationary saw for ripping, crosscutting, mitering, etc.

Saw guide pivots on clamp ball for miter and compound cuts

10 times faster than hand sawing

CRAFTSMAN 6 1/2-inch Electric Hand Saw . . Contractor type!

Super-powered . . precision-built for continuous heavy duty use. We believe it's America's finest 6 1/2-inch electric hand saw! Thousands used by carpenters and contractors for heavy, day-after-day use. Adapts perfectly to a radial or bench saw when used with saw guide at right. Don't confuse this industrial type saw with sleeve-bearing home or hobby shop saws at this price. We're convinced it's by far the finest saw value on the market . . . bar none!

Saw has sealed precision ball bearings throughout. Direct drive gear-train permits compact design . . . perfect balance. Graduated base plate. Blade on right, opposite operator, for extra safety. Depth of cut at 90°, 0 to 2 1/4 in.; at 45°, 1 1/4 in. Angular adjustment, 90° to 45°.

Built-in ripping guide. Magnesium alloy frame. Helical cut bronze gears; telescoping saw guard. Sawdust blower; enclosed trigger switch. Auxiliary knob grip for two-hand use. Approved by Underwriters' Laboratories, Inc. (Industrial standards A.C. current). Heavy duty, ventilated, G. E. universal motor (for 110-120-volt, 25 to 60-cycle, AC or DC); rated 3/4-H.P.; develops 1 1/2-H.P. maximum. No-load speed, 4300 R.P.M.

Weights only 12 1/2 pounds! Over-all length, 12 inches. With 6 1/2-inch combination blade (3/8-inch round arbor hole), for cross-cutting and ripping; 10-foot 3-wire cord with plug; lubricant and wrenches.

Remember . . . you can use Sears Easy Payment Terms to purchase one of these superb CRAFTSMAN Electric Hand Saws. Only \$5.50 Down, pay the balance in small monthly payments.

99 A 02553—CRAFTSMAN 6 1/2-inch Saw only, without case. Shipping weight 16 pounds . . . **\$55.00**

99 A 02554K—CRAFTSMAN 6 1/2-inch Saw, with steel carrying case. Base of case acts as bench rest. Tool, cord and blade compartment in bottom. Shipping weight 27 pounds . . . **\$60.00**

9 A 6472—Cut-off Wheel. For above saw. 6-inch diameter; 3/4-inch round arbor hole. Cuts cement, tile, metal, etc. Shipping weight 8 oz. . . . Each **\$1.29**

NOTE: For extra combination blades for this saw, see below. Do you want a superior blade . . . that will last 20 times longer than ANY ordinary steel blade? Then order a CRAFTSMAN Carbide-tipped Blade (described and listed below).

SAW GUIDE Converts Electric Hand Saw into Bench or Radial Saw

We believe this saw guide is far superior to guides costing 3 times as much! Designed especially for use with the CRAFTSMAN 6 1/2-inch Electric Hand Saw (at left). Set saw in guide channel . . . you have a radial saw! Clamp it to rippling plate . . . you have a stationary bench saw!

Greater accuracy, more production for carpenters, contractors, small builders, etc. Even "green hands" do expert work after a few practice cuts. Rip, cross-cut, compound miter, even make dado cuts! (Saw adjusts for depth-of-cut and tilt.) Maximum width of crosscut at 90°, about 18 1/2 inches; at 45°, about 13 1/2 inches. Maximum ripping width, about 29 inches. Guide channel slides to set ripping width.

Mounts easily on wood bench, or on portable table top for use on bench, saw horses or CRAFTSMAN bench 99A02134K (page 11). With saw in ripping position use CRAFTSMAN miter gauge 9A2246 (page 5) for crosscuts, miters. Dados can be made by repeat cuts with standard blade. Use Power-Panl 9A2120 (page 11) for remote control switch, added safety.

3/8-inch welded steel. Mounting hardware included. All parts are zinc plated. Complete mounting and operating instructions are included. (Wood parts and saw not included.)

99 A 01710K—Shipping weight 30 lbs. . . . **\$14.95**

Short of cash? Remember, on orders of \$20 or more only a small down payment is needed when you buy on Sears Easy Terms.

CRAFTSMAN Nail-Cutting Blades

A With special-shaped arbor holes. Greatly improved tooth design. Cuts lumber containing nails, wire, etc. Also makes an ideal all-around saw for rough work . . . both ripping and crosscutting. Made of special high carbon saw steel; heat treated and properly tensioned. State catalog number, saw diameter, arbor diameter and shape.

Catalog Number	Saw diam.	Arbor diam.	Arbor shape	Fits Saws	Shpp. wt.	Each
9 A 4928	8 in.	1/2 in.	round	99 A 02557 on opposite page; and bench saws.	1 lb.	\$4.95
9 A 4928	8 in.	3/8 in.	round	Bench Saws	1 lb.	4.95
9 A 4928	6 in.	1/2 in.	round	99 A 02553 saw, above	1 lb.	3.75
9 A 4929	5 3/8 in.	1/2 in.	diamond	Skil-saw Electric Saw	8 oz.	3.75
9 A 4930	6 in.	1/2 in.	square	99 A 02572 on opposite page; Moll Electric Saw	8 oz.	3.75
9 A 4931	6 in.	1 1/8 in.	round	Black & Decker Elec. Saw	8 oz.	3.75

New! CRAFTSMAN Combination Saw Blades

B Fits CRAFTSMAN 99 A 02553 electric hand saw above. Chrome-nickel-molybdenum steel is heat treated, tensioned. Stays sharp up to 30% longer than conventional combination blades. Bevel-filed, chisel-shaped tooth with greater hook angle provides a stronger, faster cutting blade. Expertly set and filed. **SPECIFICATIONS:** 16 teeth; 6 1/2-in. diameter; 3/8-inch round arbor. Order yours today!

9 A 4955—Shipping weight 10 oz. **\$1.69**

CRAFTSMAN Blades

8-tooth carbide-tipped blades . . . last 20 times longer, require less power than ordinary circular blades! Cut all woods, plastics, laminates, roofing, aluminum, etc. (Not for masonry, steel or other ferrous metals.) Special steel blade; heat treated; tungsten carbide tipped. Safer . . . teeth project only .020 in. beyond non-cutting edge! Teeth ground with diamond wheels. Rips, crosscuts, miters. See complete description on page 6.

9 A 4943—State diameter, arbor hole size and shape.

Diam.	Arbor Hole	Fits these saws	Shpp. wt.	Price
5 3/8 in.	diamond	6-inch Skil-saw	1 lb.	\$8.95
6 1/2 in.	1 1/8 in. round	6-inch Black and Decker	1 lb.	8.95
6 in.	1/2 in. square	Mall and DUNLAP 99A02572	1 lb.	8.95
6 1/2 in.	1/2 in. round	CRAFTSMAN 99A02553	1 lb.	8.95
6 in.	1/2 in. round	Porter-Cable; bench saws	1 lb.	8.95
7 in.	diamond	Skil-saw, and Sears former model 02186	1 lb. 4 oz.	9.50
7 in.	1/2 in. square	Mall	1 lb. 4 oz.	9.50
8 in.	diamond	Skil-saw	1 lb. 8 oz.	9.95
8 in.	3/8-1/2 in. round	Bench Saws	1 lb. 8 oz.	9.95



A Only **\$375**
6-inch

B Only **\$169**
6 1/2-inch



New-type steel case also acts as bench rest



Double sealed precision ball bearings

\$89.00 CASH
Without Case
ONLY \$9.00 DOWN

You get more "saw" for much less money . . . with a CRAFTSMAN

This is an actual laboratory comparison of CRAFTSMAN 8-inch electric hand saw (99A02560K) with 2 other famous saws of the same type. The comparisons below give you *positive proof* of CRAFTSMAN superiority in construction, features, performance and *amazingly lower price!* No wonder thousands of Sears customers have bought it in preference to any other saw! *We believe it's the finest electric hand saw on the market!*

	Sears Saw X	Saw Y	Saw Z
Price	\$95.00	\$145.00	\$135.00
Efficiency	65%	46.3%	59%
Horsepower:			
Rated Load	1.36	.90	1.3
Maximum Load	2.16	1.40	2.0
Blade Speed (R.P.M.):			
No Load	5300	2600	3800
Full Load	3500	1800	2350
Watts:			
No Load	700	760	660
Full Load	1800	1500	1650
At Maximum H.P.	3300	2760	3280
Depth of Cut:			
Minimum at 90°	0 in.	3/4 in.	1 1/4 in.
Maximum at 90°	2 3/4 in.	2 3/4 in.	2 3/4 in.
Maximum at 45°	2 in.	2 1/2 in.	2 1/2 in.
Type of Gear Drive	Direct	Right angle	Direct
Graduated Base Plate	Yes	No	No
Built-in Ripping Gauge	Yes	No	No
Zerk Grease Fitting	Yes	No	No
Uses blades with standard round arbor hole	Yes	No	No
Combination Bench Stand and Carrying Case	Yes	No	No
Single guiding point for all angles of tilt	Yes	No	No
Underwriters' Laboratories, Inc., Approved	Yes	No	Yes

Develops 2.16 H.P.

CRAFTSMAN 8-inch Electric Hand Saw Most powerful 8-inch saw we've seen

Our finest! We know of NO other complete, contractor-type, 8-inch electric hand saw of this quality for less than \$125.00. Its heavy duty G.E. 1 H.P.-rated motor will develop 2.16 H.P.—the most powerful motor of any saw this size!

Better balanced, easier to use—handle stays in same position for any depth cut. Efficient direct drive. More accurate—blade in line with guiding edge at any angle of tilt; improved one-piece ripping guide. Blade on right side, away from operator, for extra safety! Full depth of cut (0 to 2 3/4 inches instead of usual 1/2 inch and up). Base plate has 1/4-inch graduations, notches every inch; permits use of various guide lines. Strong, die-cast aluminum alloy frame.

SKF precision ball bearings; double sealed. Helical-cut bronze gears, lubricated by one Zerk fitting. Telescoping saw guard; sawdust blower. Enclosed trigger switch. Left-side knob for two-hand operation. **UL approved (industrial standards)**. Weighs only 19 pounds. With 8-inch combination blade 10-ft. 3-wire cord and plug, lubricant, wrench. Steel case has compartment for extra blades, wrenches, etc.

SPECIFICATIONS: Plain combination type blade, diameter 8 inches. Arbor hole, standard 1/2-inch round. Depth of cut, 0 to 2 3/4 inches. Tilt adjustment, 90° to 45°. Free blade speed, 5300 R.P.M. Switch, enclosed non-locking trigger type. Motor General Electric universal; 110-120-volt, 25-60-cycle AC-DC. Over-all dimensions: height (with handle) 11 inches; length 15 1/2 inches; width 10 inches.

99 A 02560K—CRAFTSMAN 8-inch Electric Hand Saw with steel carrying case. Shipping weight 38 pounds. Use *Sears Easy Terms* . . . Only \$9.50 down; \$8.00 monthly Cash \$95.00
99 A 02557K—CRAFTSMAN 8-inch Electric Hand Saw only, without case. Shipping weight 23 pounds Only \$9.00 down on *Sears Easy Terms*; \$8.00 monthly Cash \$89.00

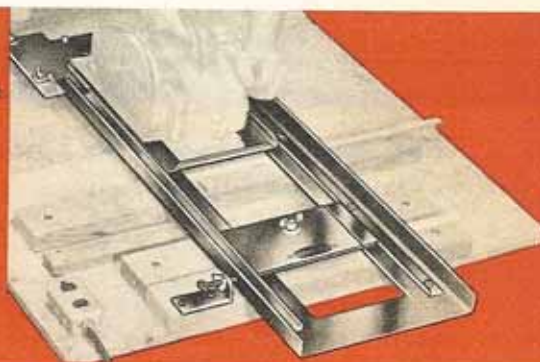
Note: For extra combination blades, nail cutting blades, cut-off wheel, and other accessories, see below. For a sharper, longer-lasting blade, see the superior carbide-tipped blades on facing page.



Stationary . . . for ripping, crosscutting, etc.



Flivert on clamp ball . . . for miter and compound cuts



New SAW GUIDE Converts 8-inch Electric Hand Saw into Bench or Radial Saw

Here it is—a saw guide for your CRAFTSMAN 8-inch Electric Hand Saw (at left). Pattered after our 6 1/2-inch electric hand saw guide (on facing page) . . . proven in the field and after many laboratory tests and comparisons to be far superior to guides costing much more. Now, the same high quality features and construction are used to bring you this new saw guide.

Carpenters, contractors, small builders and even "beginners" can increase the usefulness of their electric hand saws. Rip, crosscut, compound miter, even make dado cuts with more accuracy. (Saw adjusts for depth-of-cut and tilt.) Maximum width of crosscut at 90°, about 14 in. Maximum width of cutoff at 45°, about 13 in. to left and about 8 in. to right. Maximum ripping width, about 26 inches. Guide channel slides to set ripping width.

3/16-inch welded steel. Mounting hardware included. All parts zinc plated. Complete mounting and operating instructions included. Saw and wood table top not included.

99 A 01712K—Shipping weight 25 pounds \$17.50

Electric Hand Saw Accessories

- A** Nail Cutting Blade. For 99A02557K CRAFTSMAN Electric Hand Saw above; also bench saws with 1/2-in. arbor holes. (See description on opposite page.) Specify 8-in. diam. and 1/2-in. arbor. 9 A 492B—Shipping weight 1 lb. \$4.95
- B** Replacement Combination Blades. For ripping and crosscutting. See page 7 for description of these blades. 9 A 4955—For CRAFTSMAN 8-in. Electric Hand Saw above. Specify 8-in. diameter and 1/2-in. arbor hole. Shpg. wt. 1 lb. 2 oz. \$1.98
- 9 A 4955—For DUNLAP 6 1/4-in. Electric Hand Saw at left. Specify 6 1/4-in. diameter and 1/2-in. square arbor hole. Shpg. wt. 14 oz. \$1.69
- C** Cut-off Wheel. For concrete, tile, metal, etc. 8-in. diameter. Round center hole. Specify 1/2-in. bore when ordering. 9 A 6455—Shipping weight 8 oz. \$1.39
- D** Extra Lubricant, 4-ounce tube. 9 A 2593—Shpg. wt. 6 oz. 79c
- E** Heavy-duty 25-ft. Extension Cord, 10-gauge; 2-wire. Rubber plug; receptacle. **UL approved.** Use up to 100 ft. (4 cords) only, from current source. 34 A 5884—Shpg. wt. 4 lbs. 11 oz. \$8.50



6 1/4-inch Electric Hand Saw

DUNLAP. Designed for home, farm or hobby shop (not for commercial use.) Cuts siding, crating, perfect miter joints, etc. With cut-off wheel, cuts concrete, tile or metal. Direct gear train for perfect balance. Weighs only 11 pounds. Safe! Blade on right side, away from operator.

Depth-of-cut and tilt adjustments. Adjustable ripping guide, telescoping blade guard. Precision-cut bronze helical gears, precision bronze bearings. Aluminum alloy housing. Sawdust blower, trigger switch. **UL Approved.** Fan-cooled universal motor (110-120-volt, 25-60-cycle, AC-DC). 1 H.P. maximum. With 6 1/4-in. combination blade, 10-ft. 3-wire cord, unbreakable plug.

Specifications: Blade diam., 6 1/4-in. Arbor hole, 1/2-in. (square). Depth of cut, 0 to 2 3/4 in. at 90°; 1 3/4 in. at 45°. No-load speed, 5200 R.P.M. Over-all length, 11 1/4 in.
99 A 02572—DUNLAP 6 1/4-in. Saw only. (Without case.) Shpg. wt. 12 lbs. \$36.95
99 A 02573K—DUNLAP 6 1/4-in. Saw with steel case. Shpg. wt. 22 lbs. \$42.95
9 A 6471—Cut-off Wheel for cement, tile, metal, etc. 6-in. diam., 1/2-in. square arbor hole. Shipping wt. 5 oz. Each \$1.19
NOTE: See listings on opposite page for carbide-tipped and nail-cutting blade. See right for combination blade.

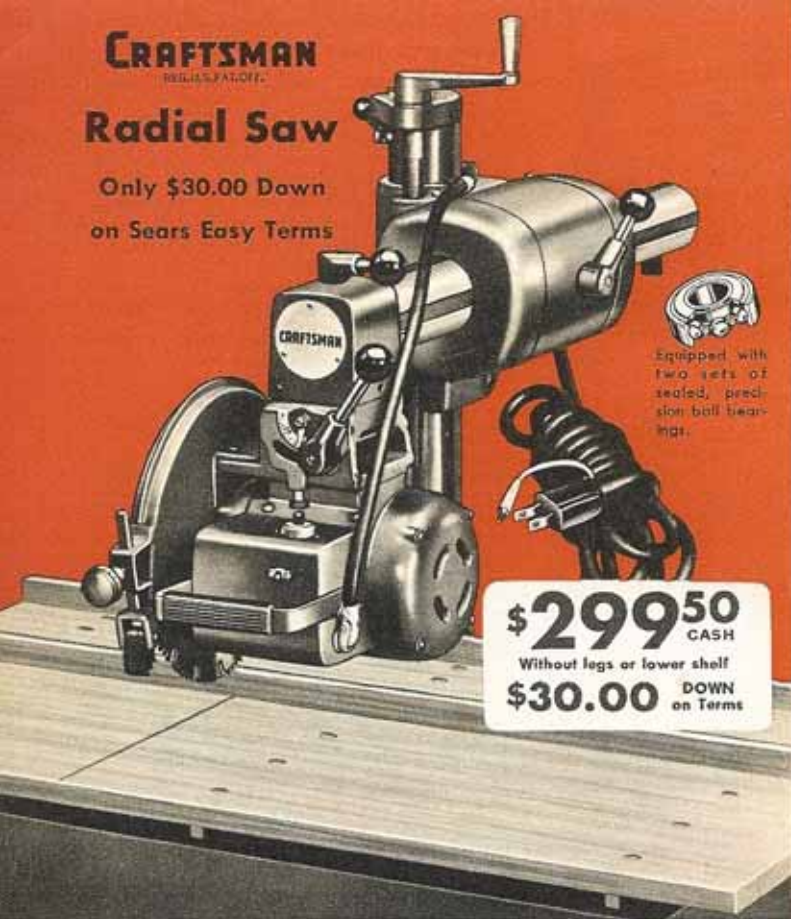
\$36.95 CASH
Without Case
\$4.00 DOWN

Steel case serves as bench rest

CRAFTSMAN
REG. U.S. PAT. OFF.

Radial Saw

Only \$30.00 Down
on Sears Easy Terms



Equipped with two sets of sealed, precision ball bearings.

\$299.50 CASH
Without legs or lower shelf
\$30.00 DOWN on Terms

CRAFTSMAN
REG. U.S. PAT. OFF.

Swing Saw

Only \$10.00 Down
on Sears Easy Terms



Blade is pulled through lumber... weight of swing arm returns blade to retract position.



Equipped with 2 sets of sealed, precision ball bearings.

\$99.50 CASH
Without Motor
\$10.00 DOWN on Terms



A Woodworking Machine designed for fast, easy cutting and shaping of lumber!

It's amazing how many jobs it can do. It bevel cuts, routs, miters, compound miters, tenons, cuts rafters, dadoses, ploughs, crosscuts, rips, rabbets—even shapes with proper cutters!

Saw pulls through work; swings, tilts, locks in any position; quick-setting stops for 0, 45 and 90°. Automatic front-pivoted guard encloses blade edge for safety. Anti-kickback pawls. Complete with 10-in. carbide tipped 8-tooth combination blade (1-in. bore); 1-H.P. 3450 R.P.M. single-phase, capacitor motor (115-230-volt 60-cycle A.C.); 15x42-in. wood work table with removable fence; 28x36-in. stamped steel base. (Steel legs and lower shelf not included). Shipped from factory in Cincinnati, Ohio, from where you pay transportation on delivery.

99 AM 2361F—CRAFTSMAN Radial Saw. Shipping weight 350 pounds. **\$299.50**
99 AM 2159F—Set of 4 steel legs and lower shelf for above radial saw. (See shipping note above.) Shipping weight 50 pounds. **\$23.00**

SPECIFICATIONS:

- Depth of cut, maximum 2 1/4 inches
- Crosscut capacity, maximum 12 1/2 x 2 1/4-in. stock
- Ripping width, maximum 24 3/4 x 2 1/4 inches
- Arbor tilt, maximum 90° right or left
- Angle of cut range 0 to 90° right or left
- Maximum width and depth of 45° compound miter cut, (motor turned and tilted to 45°) 8 1/2 x 1 7/8 in.
- Maximum width and depth of miter cut (motor turned to 45°) 9 1/4 x 2 1/4 inches
- Dado capacity with 8-inch diam. x 1-in. bore dado saw width 1 in. depth 1 1/2 in.
- Table size 15x42 in. Base size 28x36 in.
- Table height without legs 7 1/2 inches; with legs 36 inches.
- Length of fence 42 in.; length of stroke 16 inches.
- Column diameter, vertical 3 in.; horizontal, 2 1/2 in.
- Bearings, arbor 2 sets sealed precision ball bearings.
- Arbor speed (approximate) 3450 R.P.M.
- Motor 1-H.P., 3450 R.P.M., single phase, capacitor; 115-230 volt, 60 cycle A.C.
- Over-all dimensions (saw only) Height 33 1/2 in.; depth 28 in.; width 42 in.

Accessories for your CRAFTSMAN Radial

Saw: (Not illustrated.)

- 9 A 1576F—Adapter. For dado saws, groovers, shaper cutter head, shaper cutters, sanding disc. 3/8-inch spindle; 3/8-20 left-hand thread. Also fits accessories with 3/8-inch plain bore. Shpg. wt. 4 lbs. (See shipping note above.) **\$10.70**
- 9 A 1577F—Adapter for Router Bits. Also fits accessories with 3/8-inch shank. Shipping weight 2 lbs. (See shipping note above.) **\$5.60**
- 9 A 1579F—Collars fit Radial Saw Adapter. 1/2-in. bore x 2-in. outside diameter; 3/16-in. thick. Shpg. wt. 8 oz. (See shipping note above.) set of 2 **\$3.00**
- 9 A 1578F—Spacers for Radial Saw Adapter, 1-inch bore; 3-inch outside diameter. Available in 1/16, 1/8, 3/16, 1/4 and 1/2 inch thick. State thickness wanted. Shipping weight 1 lb. (See shipping note above.) Each **\$2.00**
- 9 A 1580F—Left-hand Router Bits. Sizes: 1/8, 1/4, 3/8, 1/2 and 3/4 in. diameter. State diameter wanted. Shpg. wt. 3 oz. (See shipping note above.) Each **\$3.90**

- Radial Saw Blades. For above radial saw. Fully described on page 7. For 8-tooth carbide tipped blade, see page 6. Specify 10-in. diameter and 1-in. arbor.
- 9 A 4937—10-in. Flat Ground Combination Blade, 1 in. bore. Wt. 1 lb. 12 oz. **\$2.98**
 - 9 A 4939—10-in. Hollow Ground Combination Blade, 1 in. bore. Wt. 1 lb. 10 oz. **7.25**
 - 9 A 4925—10-in. Crosscut Blade, 1-in. bore. Shpg. wt. 1 lb. 12 oz. **2.98**

Rips, crosscuts, dadoses, miters, does cut-off jobs accurately . . . fast!

Fast, free operation with no waste motion. Ideal for millwork plants, shipping rooms, etc. For heavy duty work.

Swivels from 0 to 90° right or left; gives vertical cut by degrees. Cast-iron base and elevating arm; steel column. Pin locks swing arm in vertical position for ripping or dado work. Another pin locks at 0, 45 or 90° for miter cuts. *Extra safe!* Adjustable blade guard; belt guard. Portable! Can be partially disassembled quickly for transporting. Equipped with 10-in. combination blade, 3/4-in. bore (12-in. blade also can be used with 1-H.P. motor).

99 A M2545—Without motor. Shipping weight 203 pounds. **\$99.50**
99 A M2547—With 3/4-H.P. 3450 R.P.M. 110-120 volt, 60-cycle A.C. capacitor motor. Shipping weight 247 pounds. **\$138.45**
99 A M2548—With 1-H.P. 3450 R.P.M., 115-230 volt, 60-cycle A.C. capacitor motor. Shipping weight 253 pounds. **\$147.45**

SPECIFICATIONS:

- Depth of cut (maximum) . . . with 10-in. blade, 3 in.; with 12-in. blade, 4 in.
- Crosscut width (maximum) . . . with 10-in. blade, 16 in.; with 12-in. blade, 16 3/4 in.
- Ripping width (maximum) . . . with table fence 11 1/4 in.; without fence 13 1/2 in.
- Angle of cut range 90° right, to 90° left, in 1° graduations.
- Miter cut (maximum) with 10-inch blade, 3x8 3/4-inch stock with 12-inch blade, 4x6 1/2-inch stock.
- Width of miter cut (maximum) at 60°, 14 3/4 in.; at 45°, 11 1/2 in.; at 22 1/2°, 6 1/4 in.
- Dado capacity with 6-inch dado saw width, 1 inch; depth, 1 inch.
- Table size 11 1/2 x 24 inches
- Base size 24 x 18 1/2 inches
- Column diameter 2 3/4 inches
- Combination blade (included) diameter 10 inches; bore 3/4-inch
- Bearings, arbor two sets sealed, precision ball-bearings
- Arbor speed recommended (approximate) 3450 R.P.M.
- Motor recommended (minimum) 3/4-H.P. 3450 R.P.M.
- Machine pulley (included) 3-inch diameter; 3/8-inch bore
- Motor pulley (included) 3-inch diameter; 3/8-inch bore
- V-belt (included) 3/4 x 38 inches
- Over-all dimensions Height 41 1/4 inches; depth 26 1/2 inches; width 24 inches

\$14.95



CRAFTSMAN Heavy duty 8-inch Dado Set

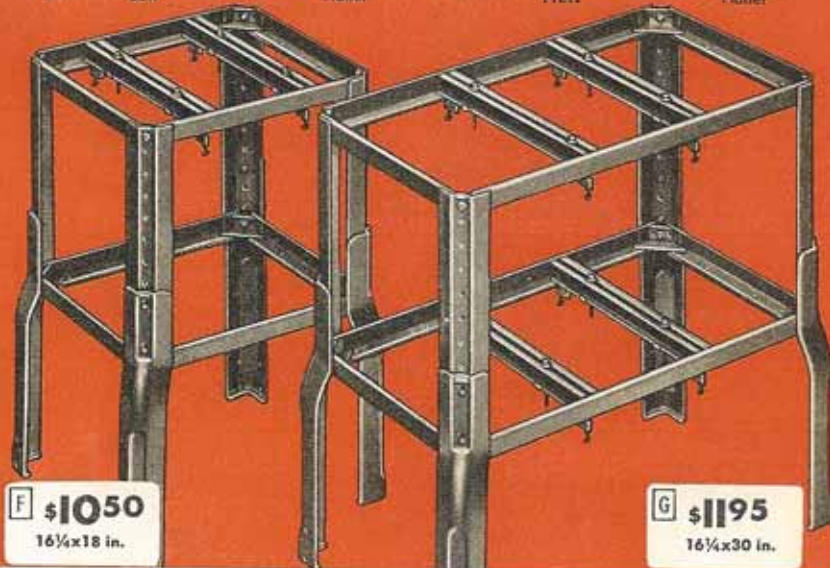
Make your radial saw, swing saw or bench saw much more useful. Made from special analysis saw steel accurately controlled through all phases of production. For dadoing, grooving, rabbeting, etc. Sizes to fit saws with 1-in., 3/4-in., and 5/8-in. arbors. Each set includes two outside saws (each cuts 3/8-in. groove), six 1/8-in. inside cutters, and paper washers for 1/8-in. width adjustments. State arbor sizes wanted: 1-in. or 3/4-in. (3/4-in. size includes bushing to fit 5/8-in. arbors).

9 A 4870—Shipping weight 6 pounds 8 ounces. Set **\$14.95**



ONLY
\$1895

\$2450
CASH
\$2.50 Down



F \$1050
16 1/4 x 18 in.

G \$1195
16 1/4 x 30 in.



C \$1050

D \$439

E \$359

Steel Tool Benches

A Steel Tool Bench. Pressed and bonded wood top—harder than maple! Steel legs; adjustable for uneven floors; gray finish. Top is 46 1/2 in. long, 23 in. wide, 1 3/4 in. thick. 34 1/2 in. high. Bolts for assembling included. See steel drawers (sold separately) below.

99AM2168M—Wt. 70 lbs. \$18.95

99AM218—Steel Tool Bench Frame only. Make your own bench top for this sturdy frame! Same as bench above but without top. Shpg. wt. 33 lbs. \$9.50

B Large Steel Tool Bench. Same high quality as 99AM2168M above, but has larger top (68 in. long by 24 in. wide). Drawers not included (listed below). 99AM2170M—Wt. 95 lbs. \$24.50

99AM2173—Large Steel Work Bench Frame only. Same as 99AM2170M but less top. Shipping weight 37 lbs. \$9.95

99 A 02171M—Steel Drawers. For benches 99AM2168M and 99AM-2170M. 18 1/2 x 15 1/2 x 5 1/8 in. Shpg. wt. 9 lbs. Each. \$2.95

Tool Lights

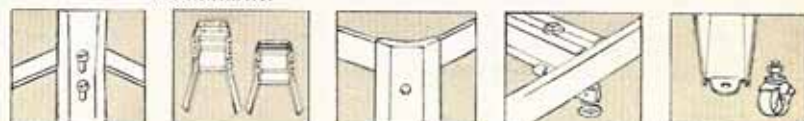
C New! CRAFTSMAN Fluorescent Tool Light. Our finest! Rigid tubular steel arms adjust on 3 swivel ball and socket joints. Takes two 4-watt tubes. Fits benches at right; has slip-in base mount for other mountings. Gray enamel finish. 4 1/2-ft. cord; plug. Shade turns 360°. UL approved. 9 A 2538—Shpg. wt. 4 lbs. \$10.50

D CRAFTSMAN Incandescent Tool Light. Rigid tubular steel arms adjust on 3 swivel ball and socket joints. Baked gray enamel finish. Takes 60-watt bulb. Shade turns 360°. Fits benches at right; has slip-in base mount for other mountings. 4 1/2-foot cord; plug. UL approved. 9 A 2537—Wt. 2 lbs. 2 oz. \$4.39

E Tool Light. Easy-adjusting 18-inch flex-cable. "C" clamp fastens to bench or tool. Triangular shade turns 360°. Interlocking socket won't pull apart. Gray finish. 6-foot cord; plug. UL approved. 9 A 2536—Shpg. wt. 3 lbs. \$3.59

CRAFTSMAN Tool Benches

REG. U.S. PAT. OFF.



Each leg adjusts quickly on uneven floors... benches stay level, work is more accurate

Benches adjust easily for any height 22 to 32 in. for greater convenience

Special leg angle design keeps constant tension... bolts stay tight, frames stay true

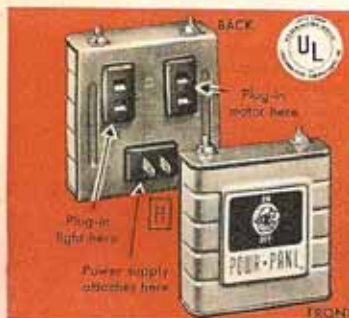
Cross slide-rails clamp anywhere. Bolts and channel clips lock tools, motors in place

Feet are punched for bolting to floor or mounting foot-brake swivel casters

Perfect mount for almost any bench-type power tool or motor! Adjustable from 22 to 32-in. height. 16 1/4 in. wide. Legs adjust separately for uneven floors. Punched to hold your own solid top and shelving; to attach casters (not included); or to bolt to floor. Two frames of rigid, one-piece welded steel. Gray enameled. Easily set up. With bolts; instructions.

F CRAFTSMAN Power Tool Bench. 18 inches long by 16 1/4 inches wide. Maximum mounting dimensions 12x14 inches. With 2 cross slide-rails. Extra slide-rails available for mounting motor on bench (see 9A2016 below). Also see table below for power tools in this catalog for which this bench is recommended. 99 A 02140K—Shipping wt. 24 lbs. \$10.50

G CRAFTSMAN Power Tool Bench. 30 inches long by 16 1/4 inches wide. Maximum mounting dimensions 12x26 inches. With 4 cross slide-rails for mounting power tool and motor on same bench. See table below for various power tools in this catalog for which this bench is recommended. 99 A 02134K—Shipping wt. 28 lbs. \$11.95



Power-Panl

H CRAFTSMAN! Safe way to hook up power tools, motor and tool light! No more reaching over moving parts to turn motor on and off. Fits benches above; has brackets for adapting to other wood or metal benches. 1-H.P. rated switch. 125-250 volts A.C. or D.C. Has one double-prong receptacle for receiving power, two cube taps to plug in motor and light. UL approved. Shipping weight 1 lb. 9 A 2120.....\$3.95



Bench Accessories

J Cross Slide-Rails. Fit benches at upper right of page. See table at extreme right for all of the tools needing extra cross slide rails. 9 A 2016—Shpg. wt. 3 lbs. Each 85c

K Mounting Plates. For mounting tools with dimensions exceeding bench sizes. See table at right. 9 A 2013—Shpg. wt. 4 lbs. Pair 98c

L Caster Set. Fit benches at upper right of page. 2-inch diameter wheels; ball bearing swivels. Set of 4; 2 with foot brakes. Threaded 5/16-inch diameter; 3/4-in. length. With nuts. 9A2736—Shpg. wt. 2 lbs. Set of 4 \$2.49

Saw Horse Brackets

Make your own saw horses, using two by fours. Set up temporary tables, platforms, etc.

M New type. Needs no nails, screws or bolts! Strongly made of steel. Rust-resistant enamel finish. Use with 2x4's (not included). 9 A 2849—Wt. 6 lbs. Pr. \$3.39

N Regular type. Heavy gauge, rust-resistant plated steel brackets electrically welded into a solid unit. Use with 2x4's (not included). 9 A 2889—Wt. 3 lbs. Pr. \$1.30

Tool Bench Mounting Recommendations

Power Tool	Catalog Number	Page	Bench Recommended	Additional Items required
Band Saw.....	99A02490L	12	99A02140K* (mount motor below); or 99A02134K with motor behind	2 extra 9A2016 cross slide-rails
Band Saw.....	99A02420	13	99A02140K	None
Belt Sander.....	99A02236	20	99A02140K*	2 extra 9A2016 cross slide-rails
Belt Sander.....	99A02235	20	99A02134K	None
Bench Saw.....	99A02762	2	99A02140K* or 99A02134K	None
Bench Saw.....	99A02216	2	99A02134K	None
Bench Saw.....	99A02540	4	99A02134K	3 extra 9A2016 cross slide-rails
Bench Saw.....	99A02485	4	99A02134K with motor behind	One 9A2275 floating motor rail (pg. 39)
Drill Press.....	99A02313	34	99A02140K* or 99A02134K	None
Drill Press.....	99A02364	35	99A02134K	None
Drill Press.....	99A02382	35	99A02134K	None
Drill Press.....	99A02172K	35	99A02140K (mount motor behind)	One 9A2013 mounting plate
Grinder, Electric.....	99A02608	47	99A02140K*	None
	99A02616L	47	99A02140K or 99A02134K	None
Grindstone.....	99A02620K	30	99A02140K	None
Hack Saw.....	99A02294	25	99A02134K	2 extra 9A2016 cross slide-rails
Jig Saw.....	99A02344	14	99A02134K	Pair 9A2013 mounting plates
Jig Saw.....	99A02315	15	99A02134K	None
Jig Saw.....	99A02179K	15	99A02134K	None
Jointer-Planer.....	99A02334	16	99A02134K	None
Jointer-Planer.....	99A02280	17	99A02134K	Pair 9A2013 mounting plates
Lathe.....	99A02307	22	99A02134K	Wood top, wide enough to mount motor on same level, behind lathe
Lathe.....	99A02160L	22	99A02134K	2 extra 9A2016 cross slide-rails
Lathe.....	99A02157	23	99A02134K	None
Lathe.....	99A02048	24	99A02134K	None
Planer.....	99A02370	18	99A02140K*	2 extra 9A2016 cross slide-rails
Shaper.....	99A02392	19	or 99A02134K 99A02134K	None

* Bench most applicable. If additional work space is desired, we recommend bench 99A02134K, using your own bench top.

ACTUAL TESTS PROVE
the exceptional strength, accuracy and
durability of this sensational band saw



READ THESE ACTUAL TEST RESULTS:

Blade is super-strong! Cut over two miles of 2-inch yellow pine with no sign of blade failure.

Machine is sturdiest ever! Ran continuously and perfectly for more than 500 hours while cutting over 25 miles of 1-inch yellow pine.

To withstand rugged tests like these, they **MUST** be good! Your shop deserves one of these great CRAFTSMAN 3-wheel band saws NOW! Order today.



Precision ball bearings; lubricated for life

\$53.00 CASH
Without motor or bench
\$550 DOWN... ON EASY TERMS

CRAFTSMAN 3-wheel Band Saw
REG. U.S. PAT. OFF.

We believe it's unmatched in quality and capacity at this low price!

We believe this is America's finest 3-wheel band saw! See actual test results above. Extremely accurate—cuts as thin as 20/1000 of an inch. Much more compact design than conventional 2-wheel saws of this capacity; yet it has same strength, accuracy and durability usually found only in larger saws. Has special "super-alloy" blade, the result of years of research. Ideal for model makers, woodworking and pattern shops, and cabinet makers. Recommended for wood cutting only. (Not recommended for metal cutting.)

All working parts, except actual blade cutting edge, are fully enclosed for extra safety. If blade should ever break, it can't fly out! Heavy, rigid, scientifically reinforced cast iron frame. Double-row precision ball bearings mounted integrally with drive shaft, assuring perfect alignment and smooth operation. Double-row Torrington needle bearings on idler wheels. Rubber tires, ground true... wheels machined to close limits to assure concentricity.

Cuts to center of 24-inch circle. Makes curved or irregular cuts in wood up to 4 inches thick. It's the only saw we know of with such a low center of gravity, and a full 12-inch throat (see cut-away view at right). 12x12-inch table, mounted on double trunnions, with 4 points of support instead of 2, for greater rigidity; tilts to 45°; has tilt indicator. Proper blade tension determined by direct, built-in reading scale. One 1/2x62-inch blade included. (We recommend using our 9A2664 blade only.)

SPECIFICATIONS

- Depth of throat..... 12 inches
- Capacity of cut (maximum)..... 4 inches
- Table size..... 12x12 inches
- Length of blade..... 62 inches
- Width of blade..... 3/8 to 3/4 (maximum) inch
- Bearings..... 2 sets lubricated-for-life precision ball
- Machine pulley (included)..... 4-inch
- Motor pulley (not included)..... 3-inch
- Motor recommended (minimum)..... 1/4-H.P., 1750 R.P.M.
- Mounting dimensions..... 8 3/4 x 21 1/4 inches
- Over-all dimensions: Height 20 1/4 inches; width 12 inches; depth 28 3/4 inches.

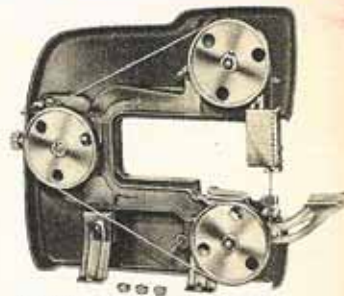
A 99 A 024301—Without motor, motor pulley, V-belt or bench. Shipping weight 68 pounds..... **\$53.00**

99 A M2433—As above, with DUNLAP 1/4-H.P., 1750 R.P.M. bronze-bearing motor (110-120 volt 60-cycle A.C.); 3-in. motor pulley; 45-in. V-belt. Shpg. wt. 95 lbs..... **\$68.95**

9 A 2664—Extra CRAFTSMAN 62-in. skip-tooth Saw Blade. 3/8, 1/2 or 3/4 in. wide. State width. Shpg. wt. 7 oz. Each **\$1.25**

99 A 021403—Power Tool Bench. Described on page 11. With 2 cross slide-rolls. (2 extra rails, 9A2016, needed; see page 11.) Shipping weight 24 pounds..... **\$10.50**

B 9 A 2919—"The Jig Saw and Band Saw" Instruction Book. 32 pages; over 160 illustrations. Shpg. wt. 2 oz. . . **25c**



Notice how the compact CRAFTSMAN 3-wheel design gives this saw a full 12-inch throat—without the great height necessary in conventional 2-wheel band saws with same size throat. This means a lower center of gravity in a smaller frame, with more rigid construction. Has same strength, accuracy and durability usually found only in larger band saws selling for much more.

For Easy Terms, see inside back cover of this catalog

CRAFTSMAN Band Saw Blades
REG. U.S. PAT. OFF.

Finest quality saw steel. Every blade properly set and filed for recommended use. Please state width wanted. (9 A 2664 is the only blade available for use on 3-wheel band saw.)

- 9 A 2660—For wood. 56 1/2 in. long; 3/8 or 1/2 in. wide. Shpg. wt. 6 oz..... **98c**
- 9 A 2336—For wood. Skip tooth type. 58 in. long; 3/16, 1/4, or 3/8 in. wide. Wt. 6 oz..... **98c**
- 9 A 2664—For wood. Skip tooth type. 62 in. long; 3/16, 1/4, or 3/8 in. wide. Wt. 7 oz..... **\$1.25**
- 9 A 2665—For wood. 63 in. long; 1/8, 3/8, or 1/2 in. wide. Shpg. wt. 7 oz..... **98c**
- 9 A 2657—For wood. 78 in. long; 1/8, 3/8, 1/2 or 3/4 in. wide. Shpg. wt. 7 oz..... **98c**
- 9 A 2623—For wood. 80 in. long; 3/8, 3/4, 1/2 or 1/4 in. wide. Shpg. wt. 7 oz..... **98c**
- 9 A 2668—For brass and non-ferrous metals. 78 in. long; 1/4 in. wide. Shpg. wt. 4 oz..... **98c**
- 9 A 2624—For brass and non-ferrous metals. 80 in. long; 1/4 in. wide. Shpg. wt. 7 oz..... **98c**
- 9 A 2625—For steel. 80 in. long; 1/4 in. wide. Shpg. wt. 7 oz..... **\$1.98**
- 9 A 2715—For wood. 132 in. long; 3/8, 3/4, or 1/2 in. wide. Shpg. wt. 6 oz..... **1.98**

CRAFTSMAN special length Band Saw Blades
REG. U.S. PAT. OFF.

9 A 2669F—Not for use on 3-wheel band saws. All blades brazed unless otherwise specified. Add 35c to cost of each blade for brazing. Shipped from factory in Chicago. Please state correct length and width wanted, and be sure to specify if you don't want blades brazed.

Width	Shipping weight	Per foot	Width	Shipping weight	Per foot
1/8 inch.....	1 ounce.....	16c.....	5/8 inch.....	1 ounce.....	23c.....
3/16 inch.....	1 ounce.....	16c.....	3/4 inch.....	2 ounces.....	25c.....
1/4 inch.....	1 ounce.....	16c.....	1 inch.....	2 ounces.....	26c.....
5/8 inch.....	1 ounce.....	17c.....	1 1/4 inches.....	3 ounces.....	33c.....
1/2 inch.....	1 ounce.....	20c.....	1 1/2 inches.....	3 ounces.....	40c.....

As low as
98c



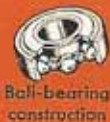
MANY TYPES! Choice of blades for use with wood, brass, non-ferrous metals, steel. Properly set and filed.

MANY SIZES! Lengths range from 56 1/2 inches to 132 inches; widths from 3/8 inch to 3/4 inch.

SPECIAL LENGTHS available for cutting wood... made to order in sizes from 1/4 to 1 1/2 inches wide.



Extra safe! All operating parts enclosed, except cutting edge of blade. If blade ever breaks, it's inside housing where it can't possibly fly out.



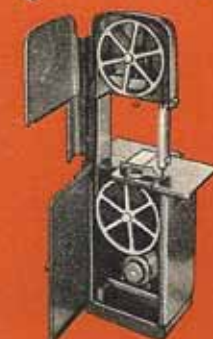
Ball-bearing construction



New! "The Jig Saw and Band Saw" 32-page instruction book has over 160 illustrations.



Grease-sealed precision ball bearings



Two heavy cast iron (rubber-tired) wheels have 18-in. diameter. All operating parts, except actual cutting edge of blade, covered by heavy-gauge steel casing for maximum protection to operator.



\$74⁵⁰
CASH
Without motor or bench
\$750 DOWN .. ON EASY TERMS

\$270⁰⁰
CASH
Without motor
\$2700 DOWN .. ON EASY TERMS

CRAFTSMAN 2-wheel Ball Bearing Band Saws

REG. U.S. PAT. OFF.

CRAFTSMAN "100" 12-in. Band Saw
REG. U.S. PAT. OFF.
Heavy duty .. Cuts wood 6 in. thick

CRAFTSMAN "100" 18-in. Band Saw
REG. U.S. PAT. OFF.
Industrial type .. Extra capacity

A Cuts to center of 24-in. circle, up to 6-in. depth; as thin as 20/1000 in. The ONLY band saw in this price range with all these features: (1) "Uni-cast" cover and frame for extra rigidity! Frame and back are cast in ONE PIECE with bridge-girder-type reinforcement. (2) Self-aligning upper blade guide reduces friction, prolongs blade life. (3) Oil-impregnated bronze blocks, ball-bearing thrust wheels on saw guides above and below table. (4) All working parts completely enclosed. (5) Drive shaft and ball bearings are integral unit.

Four sets of precision ball bearings. Large 14³/₁₆ x 12¹/₂-in. smooth ground, cast semi-steel table tilts 0 to 45°; has miter slot for use with 9A2246 miter gauge (not included; see page 5). Two 12³/₈-in. rubber-tired cast iron wheels. With one 80x¹/₄-in. blade. (Extra blades 9A2623, 9A2624 and 9A2625 on opposite page.)

SPECIFICATIONS:

- Depth of throat..... 12 inches
- Capacity of cut (maximum)..... 6 inches
- Table size..... 20³/₈ x 17³/₈ inches
- Length of blade (one ¹/₄-inch width included)..... 80 inches
- Width of blade..... ³/₈ to ¹/₂ inch
- Blade speed..... 2165 F.P.M.
- Bearings..... 4 sets lubricated-for-life precision ball
- Machine pulley (included)..... 5-inch
- Motor pulley (not included)..... 2-inch
- Motor recommended (minimum)..... ¹/₂-H.P. 1750 R.P.M.
- Over-all dimensions..... Height 37 in.; width 14³/₁₆ in.; length 22³/₈ inches

99 AM 2428—Without motor, motor pulley, V-belt or bench. Shpg. wt. 75 lbs. **\$74.50**
99 AM 2434—As above, with DUNLAP ¹/₂-H.P. 1750 R.P.M. split phase motor (110-120 volt 60-cycle A.C.); 2-in. motor pulley; 50-in. V-belt. Shpg. wt. 102 lbs. **\$89.95**

99 A 02140K—Power Tool Bench. Adjustable. See page 11 for description. With 2 cross slide-rails. Two extra cross slide-rails 9 A 2016 needed for mounting motor below saw (not included; see page 11). Shpg. wt. 24 lbs. **\$10.50**

B 9 A 2343—Rip Fence for above Band Saw. For best results, use with ¹/₄-in. blade. Locks at front and rear. Fittings included. Shpg. wt. 5 lbs. **\$5.50**

9 A 2919—Instruction Book. See description at right. Shpg. wt. 2 oz. **25c**

Cuts to center of 36-inch circle in lumber up to 12¹/₂ inches thick. It's the finest 18-inch band saw we've ever sold! Just the right band saw for your pattern shop, hobby shop or plant.

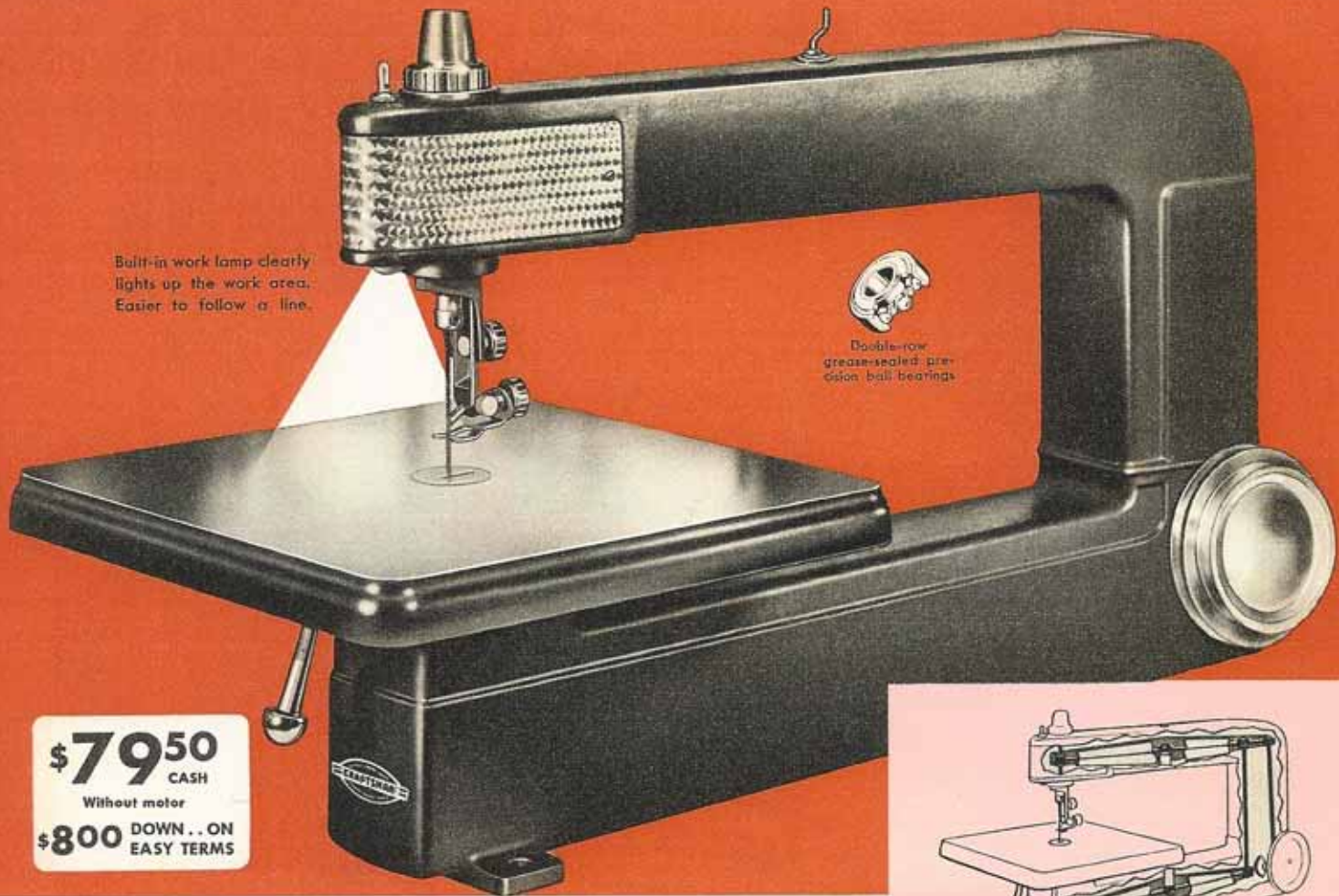
Streamlined, fully-enclosed design. All operating parts except actual cutting edge of blade are covered by heavy-gauge steel casing. Has heavy-duty welded all-steel frame. Two-wheel (rubber-tired) cast iron construction.

Extra-large table, 20³/₈ x 17³/₈ in., of smooth ground cast iron... tilts down and locks at any angle from 0 to 45 degrees. Miter gauge included. Saw guides above and below table guide blade straight and accurately... have ball-bearing thrust wheels... give you accurate, true cutting. Blade speed 3500 feet per minute. One 132x³/₈-in. blade included. (For extra blades, see 9A2715 on opposite page.) This band saw is not carried in stock or on display in many of our stores; however, shipment from factory can be made immediately.

SPECIFICATIONS:

- Depth of throat..... 18 inches
- Capacity of cut (maximum)..... 12¹/₂ inches
- Table size..... 20³/₈ x 17³/₈ inches
- Length of blade (one ³/₈-in. width included)..... 132 inches
- Width of blade..... ³/₄ to 1 inch
- Bearings..... Six sets of grease sealed precision ball
- Size of each wheel..... 18 inches
- Machine pulley (included)..... 7-inch single groove V
- Motor pulley (not included)..... 3-inch single groove V
- Motor recommended, minimum..... 1 H.P. 1750 R.P.M.
- Over-all dimensions..... Height 75 inches; width 22³/₈ inches; depth 31 inches.

99 AM 2377F—Without motor, motor pulley or V-belt. Shipped freight or express from factory in Cincinnati, Ohio; you pay transportation from there on delivery. Shipping weight 420 pounds. (See inside back cover for Easy Terms.) **\$270.00**
9 A 2919—"The Jig Saw and Band Saw" Instruction Book. 32 pages; over 160 helpful illustrations. A handy manual of operation to enable you to get the most out of your band saw. Shipping weight 2 ounces. **25c**



Built-in work lamp clearly lights up the work area. Easier to follow a line.

Double-row grease-sealed precision ball bearings

\$79⁵⁰
CASH
Without motor
\$800 DOWN . . ON
EASY TERMS

CRAFTSMAN "100" Jig Saw

REG. U.S. PAT. OFF.

Never needs oiling or greasing!

24-in. capacity . . cuts to center of 48-inch circle

"Walking Beam" action reduces vibration, blade breakage. Cuts wood up to 2 in. thick, metal and plastic. Double-row precision ball bearings on the drive shaft assure smooth, quiet operation and long life.

By far the finest jig saw ever to bear the CRAFTSMAN name. Unusually smooth and quiet in operation because of the time-tested "Walking-Beam" action and precision ball bearings. Meets the most rigid requirements of professional craftsmen and wood-working shops.

Extra large size table. Full 16x16 inches to give plenty of working surface; made of smooth-ground cast semi-steel. Tilts 0 to 45° on double trunnion supports; gauge shows angle of tilt. Blade chucks and table can be turned 90° for ripping long pieces.

Many super-quality features. 7½-watt work lamp built into head; lights up working area; has switch, cord and plug. Concealed sawdust blower gives a real blast of air. Entering cuts at sharp angles are possible because the new blade support guides the blade above and below the work . . . reduces blade breakage, too. Hold-down foot prevents lifting work off table on the upward stroke of blade. Hold-down is adjustable, even with table tilted. Enclosed, one-piece cast semi-steel base with rust-resisting gray enameled finish.

SPECIFICATIONS:

- Depth of throat 24 inches
- Depth of cut, maximum, in wood 2 inches
- in plastic 1½ inches
- in brass ¾ inch
- in aluminum and zinc ½ inch
- Table size 16x16 inches
- Motor recommended, min. ¼ H.P. 1750 R.P.M.
- Machine pulleys (included) 5 and 6-in.
- Motor pulleys (not included) 2-inch and 3-inch
- Speed 525 and 1015 R.P.M.
- Stroke 1 5/16 inch
- Mounting dimensions 5 5/8 x 30 1/16 inches
- Over-all dimensions: Height 21 1/8 inches; length 39 1/8 inches; width 16 1/8 inches

Motor can be mounted above, below or behind. One 6-inch plain end blade included. Shpg. wt. 125 lbs.

99 AM 2344—24-inch jig saw without motor . . . \$79.50

99 AM 2393—24-inch jig saw with DUNLAP ¼-H.P. 1750 R.P.M. split phase bronze bearing 110-120-volt, 60-cycle A.C. motor; 2-in. and 3-in. motor pulleys; ¾-in.x52-in. V-belt. Shpg. wt. 149 lbs. \$95.00

CRAFTSMAN Magnetic Jig Saw . . built-in power!

REG. U.S. PAT. OFF.

Rapid short-stroke action provides smooth cut . . . leaves practically NO saw marks . . . and minimizes the need for hard, tiresome sanding.

Needs no motor . . . no belt . . . no gears . . . no oiling. Just plug it in; snap the on-off switch. Magnetic power unit in base gives 7200 smooth, short cutting strokes per minute. Produces smooth edges that need no sanding. Safe, easy-to-operate . . . every member of the family can use it. The short stroke makes it safe even for children to use. It's a rugged, well made power tool. Ideal for making hundreds of articles from wood, plastic or metal. Approved by Underwriters' Laboratories, Inc.

SPECIFICATIONS:

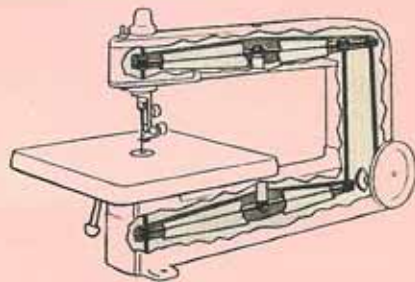
- Depth of throat 11 inches
- Depth of cut, maximum, in wood 1 inch
- Table size 8 3/4 x 8 inches
- Over-all dimensions: Height 10 3/4 inches, width 8 3/4 inches; length 16 1/4 inches

All metal construction; non-slip rubber feet. Comes complete with six 5-inch pin-end blades, 5 1/2 ft. of connecting cord and operating instructions. Use on 110-120 volt 60-cycle A.C. only.

99 A 02776—Shipping weight 13 lbs. \$15.95

9 A 2690—Extra Blades for above jig saw.

5 inches long. Shipping wt. 1 oz. 6 for 25c



"Walking Beam" Action

Assures smooth, quiet and accurate operation. An H-shaped stamped channel section delivers power uniformly to the blade. Eliminates a jerky return spring. The drive action operates through double-bearing guides above and below the blade.

New Manual

Jig Saw and Band Saw Manual Complete! 32 pages. Over 160 illustrations! New uses and accessories shown. Easy-to-follow directions. Paper bound. Shipping wt. 2 oz.

9 A 2919 25c



CRAFTSMAN
REG. U.S. PAT. OFF.

"80" Jig Saw

Runs smoothly, quietly!

- 18-in. capacity. Cuts to center of a 36-in. circle
- Cuts wood, up to 2 inches thick, metal and plastic

This saw is specially designed to stand up under hard professional use... does a superb job in the home shop.

Modified Scotch-Yoke action assures smooth, quiet operation. Runs in bath of oil. Porous bronze main bearings. 12x12-inch cast semi-steel table tilts from 0 to 45 degrees on double pivots; gives large working surface. Frame is strongly made of cast semi-steel. Upper arm is removable for filing and saber sawing. Blade chucks rotate 90° for ripping pieces longer than 18 inches. There's no twisting of blade because shoe in chuck gives a firm grip between the blade and the clamping member. Has upper and lower blade guides. Adjustable hold-down prevents work from lifting off table.

Fully enclosed coil type return spring. Built-in sawdust blower clears sawdust from working area. Uses 5 or 6-inch plain end blades (one blade included). See page 11 for description of the power tool bench shown.

SPECIFICATIONS:

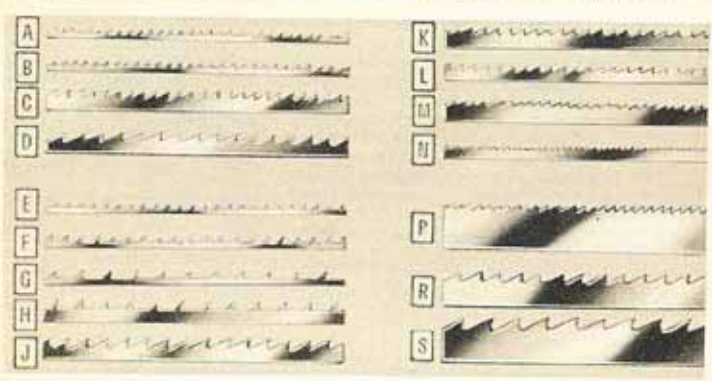
- Depth of throat..... 18 inches
- Depth of cut (maximum)..... 2 inches
- Table size..... 12x12 inches
- Machine pulley (included)..... 4-inch
- Motor pulley (not included)..... 2-inch
- Motor recommended (minimum) ¼-H.P. 1750 R.P.M.
- Speed (approximate)..... 860 R.P.M.
- Sawdust blower..... Built into head
- Mounting dimensions..... 5 1/2 x 22 7/8 inches
- Over-all dimensions: Height 17 1/2 inches; length 29 inches; width 12 inches.

99 AM 2315—18-inch jig saw without motor, motor pulley, V-belt, and power tool bench. Shipping weight 68 pounds..... **\$32.50**

99 AM 2449—18-inch jig saw with DUNLAP ¼-H.P. 1750 R.P.M. split phase bronze bearing 110-120 volt 60-cycle A.C. motor, 2-inch motor pulley, 3/8x5/4-inch V-belt. Without power tool bench. Shpg. wt. 92 lbs. **\$47.50**



\$32.50
CASH
Without motor and bench
\$350 DOWN . . ON
EASY TERMS



Jig, Fret and Coping Saw Blades

These high quality blades are made of special alloy "Super-Tuff" steel, heat treated and hardened for long life and fast, easy cutting action. This alloy is famous for its combination of toughness and exceptionally fine edge-holding qualities. 6-inch plain-end blades can be snapped off to fit machines taking shorter plain-end blades. Saber-tooth blades can be used for heavy work, as well as for saber work. Shipping weight per package, 1 ounce.

25c
Per pkg.

Catalog Number	Recommended uses	Length, inches	Teeth per in.	Thick, inch	Width, inch	Blades in Pkg.	Per Pkg.
(PIN TYPE BLADES)							
(A) 9A2712	Fits hand magnetic jig saw.....	2 3/4	18	.010	.040	6	25c
(B) 9A2688	Fits magnetic jig saw.....	4	18	.010	.040	6	25c
(C) 9A2690	Fits magnetic jig saw.....	5	18	.010	.055	6	25c
(D) 9A2705	Medium, for wood.....	5	15	.020	.110	6	25c
(E) 9A2704	Coarse, for wood.....	5	10	.020	.110	6	25c
(PLAIN END BLADES—FOR MOST JIG SAWS)							
(F) 9A2693	Extra fine for delicate cuts in wood.....	6	18	.010	.045	8	25c
(G) 9A2711	Fine, for cuts in thin wood.....	6	14	.010	.070	8	25c
(H) 9A2710	Skip tooth; for plastics and soft metals.....	6	7	.020	.110	6	25c
(I) 9A2700	Skip tooth; for heavier duty than 9A2711.....	6	7	.020	.110	6	25c
(J) 9A2701	Coarse; for wood or soft metal.....	6	10	.020	.110	6	25c
(K) 9A2702	Fine; for wood or soft metal.....	6	16	.020	.110	6	25c
(L) 9A2703	Extra fine; for wood or soft metal.....	6	15	.020	.078	6	25c
(M) 9A2709	Fine; for sheet metals incl. steel.....	6	20	.020	.110	6	25c
(N) 9A2703	Extra fine; same uses as 9A2709.....	6	32	.020	.070	6	25c
(SABER BLADES)							
(P) 9A2867	For metal cutting. Similar to hack saw.....	6	20	.028	.250	3	25c
(R) 9A2869	For wood and soft metals.....	6	10	.028	.1875	3	25c
(S) 9A2866	For coarse cuts in wood.....	6	7	.028	.250	3	25c



\$18.25
Without motor and bench

Sturdy DUNLAP 12-inch Jig Saw

• Cuts to center of a 24-inch circle
• Handles work up to 1 inch thick
One of the smoothest operating small jig saws we know of. Ideal for use in the hobby shop or home workshop. Cuts wood, metal, plastics, etc.
Modified Scotch-Yoke action for smooth operation. Runs in bath of oil. Fully enclosed coil type spring reduces whip for smoother, more accurate operation. Adjustable blade guide and hold-down. Built-in blower clears away sawdust. Table tilts any angle from 0 to 45°; rigidly supported at two points; tilt indicator. One-piece cast semi-steel frame; rust-resisting gray finish. Uses 5-inch pin-type blade (one blade included). See page 11 for power tool bench.

- SPECIFICATIONS:**
- Depth of throat..... 12 inches
 - Depth of cut, maximum..... 1 inch
 - Table size..... 9x9 inches
 - Machine pulley (included)..... 4-inch
 - Motor pulley (not included)..... 2-inch
 - Motor recommended, minimum ¼ H.P., 1750 R.P.M.
 - Speed (approximate)..... 860 R.P.M.
 - Mounting dimensions..... 16 1/4 x 4 1/4 in.
 - Dimensions: Height 14 1/2 in.; length 17 1/8 in.; width 9 in.

99A02170K—Without motor, motor pulley, V-belt or bench. Shpg. wt. 33 lbs. **\$18.25**
99 AT 2184K—With ¼-H.P., 1750 R.P.M. split phase 110-120 volt, 60 cycle A.C. motor, 2-in. motor pulley, 1/2 x 4 1/2 in. V-belt. Without power tool bench. Wt. 57 lbs. **\$32.95**



Here are some of the things you can do with a Jointer-Planer

1. The jointer-planer does the same type of planing and surfacing work as is done with a hand plane, but does the job much faster and much more accurately.
2. It is an exceptionally fine tool for making accurate glue joints. It gives the boards a straight, clean surface.
3. It also makes accurate rabbeting cuts for doors, window frames, table drawers, cabinets, etc.
4. Ideal for making square tapered cuts on chair legs and other furniture.
5. Can also be used for accurate beveling.

\$5000 CASH
Without motor or bench
\$500 DOWN . . ON EASY TERMS

CRAFTSMAN Jointer-Planers . . . for home shops

REG. U.S. PAT. OFF.

4³/₈-inch Jointer-Planer . . with sealed ball bearings, lubricated for life

Ideal for small woodworking shops, school shops and home workshops. Outstanding—capacity, precision, speed, accuracy and smooth operation. Weighs much more than any other jointer-planer we know of in this price range.

Rugged construction throughout. Solid steel cutter head has three 4³/₈-inch high-speed steel knives. Massive cast semi-steel base extends almost the entire length of the tool to give exceptionally rigid support to table for more accurate operation. Three-point-of-contact mounting eliminates twist.

Precision-ground tables of cast semi-steel. Three-point suspension mounting of rear table makes possible perfect alignment with front table. Front table is mounted on double set of adjustable ways for greater accuracy and ease in changing depth of cut. Gibs on ways; can be adjusted to correct for wear.

Depth of cut easily adjustable with hand wheel. Accurate gauge shows depth of cut. Controls are all clearly visible from normal operating position; can be reset without reaching under table. Quick-acting spring-loaded guard gives complete protection; can be quickly removed in one motion for rabbeting. Fence tilts up to 45° in either direction; easy-to-read protractor scale shows angle of tilt.

99 A M2334—Without motor, motor pulley, V-belt or bench. Shpg. wt. 63 lbs. . . **\$50.00**

99 A M2317—With DUNLAP 1/2-H. P. 1750 R. P. M. bronze bearing split phase motor for 110-120-volt 60-cycle A.C., 5-inch motor pulley, 3/4x43-inch V-belt. (Bench not included.) Shipping weight 92 pounds. **\$66.50**

9 A 2291—4³/₈-inch Jointer Knives (Replacement). Set of 3. Shipping wt. 7 oz. **\$3.39**

99 A 02134K—Power Tool Bench. See page 11 for description. Shpg. wt. 28 lbs. . . . **\$11.95**

SPECIFICATIONS:

- Width of cut. 4³/₈ in.
- Depth of cut. 3/8 in.
- Rabbet depth. 3/4 in.
- Length of fence. 19¹/₄ in.
- Spindle diameter. 1/2 in.
- Size, front table. 11³/₄x6¹/₂ in.
- Size, rear table. 11³/₄x6¹/₂ in.
- Bearings. 2 sets sealed precision ball
- Cutter knives. 3 high-speed steel, 4³/₈x1¹/₂x3/8 inch
- Recommended arbor speed, approximately 4500 R.P.M.
- Motor recommended (minimum) . . . 1/2 H.P. 1750 R.P.M.
- Machine pulley (included) 2 in.
- Motor pulley (not included) 5 in.
- Mounting dimensions. 7¹/₂x21¹/₄ in.
- Over-all dimensions. . . Height 8 in.; width 9³/₄ in.; length 29¹/₈ in.



New Blade Sharpener

Now! Quickly sharpen your jointer-planer knives, wood chisels and other straight-edge blades right in your own workshop! New blade sharpener attachment for use on bench saws. Sharpens 25° to 40° bevel faces. (See page 7 for more complete description.)

9 A 2658—Wt. 7 lbs. 4 oz. **\$7.49**

CRAFTSMAN Thickness Planer

REG. U.S. PAT. OFF.

Hand feed type . . . planes material up to 12 in. wide

Now you can plane hard or soft boards to any desired thickness . . . finish rough sawed lumber . . . reclaim old boards, etc. Exclusive open side design allows you to plane stock up to 12 inches wide by reversing work. Planes stock up to 6 in. wide in one pass. Handles stock up to 2 in. thick, and as small as 1/4 in. thick and 4 in. long!

Simple hand feed design reduces weight (and cost) and simplifies operation. Delicate adjustments for light-cutting contact directly controlled by operator. Cut adjusted by hand wheel; accurate . . . holds cut to within a few thousandths of an inch.

Sealed ball bearings . . . lubricated for life. Ribbed cast iron table and frame. Ways milled into one casting for accuracy . . . no binding or misalignment possible. Anti-kick-back guard on both sides. Chip breaker and pressure bar guard head.

SPECIFICATIONS:

- Capacity of cut, maximum 5/8 in.
- Table size 6⁵/₁₆x19³/₁₆ inches
- Cutter head 2³/₄-in. diameter
- Knives three; 6¹/₂x1¹/₂x3/8-in.
- Bearings. 2 sets sealed precision ball
- Machine pulley (included) 2-in.
- Motor pulley (not included) 2³/₄-in.
- Motor recommended (minimum) 1/2-H.P. 3450 R.P.M.
- Mounting dimensions 8x10 inches
- Over-all dimensions. height 15³/₄ in.; width 15³/₄ in.; length 19³/₄ in.

99 A M2370—Without motor and bench. Shipping weight 85 lbs. **\$60.00**

99 A M2371—With 1/2-H.P. 3450 R.P.M. ball bearing capacitor motor for 110-120-volt 60-cycle A.C., 2³/₄-in. motor pulley, 3/4x54-in. V-belt. Shpg. wt. 123 lbs. . . . **\$92.50**

9 A 2293—Set of 3 extra knives for above planer. Shipping weight 10 oz. **\$4.15**

99 A 02140K—Power Tool Bench. See page 11 for description. Use with 2 extra rails below. Shipping weight 24 lbs. **\$10.50**

9 A 2016—Extra Rails for above. Use two. Shipping weight 3 lbs. Each **85c**



\$6000 CASH
Without motor and bench
\$600 DOWN . . ON EASY TERMS



A Without motor or bench
\$101.50
 CASH
\$10.50 DOWN... ON
 EASY TERMS

for school shops . . . for professional craftsmen

6-inch Jointer-Planer . . . heavy duty . . . over 42 in. long . . . sealed ball bearings

A CRAFTSMAN. By far the finest jointer-planer we've ever sold. Rugged . . . massive . . . precision built. Weighs much more than any other jointer-planer we know of in this price range. Designed to meet the most rigid requirements of professional craftsmen and industrial shops . . . that's why it does such a superb job when used in the home shop.

Extra heavy duty. Will rabbet a 3/4-inch cut with one pass! 6-inch solid steel cutter head has 3 high-speed steel knives. Massive cast semi-steel base is extra long, to give exceptionally rigid support to tables. Three-point-of-contact mounting eliminates twist; assures more accurate operation.

Extra-long tables of precision-ground cast semi-steel. Three-point suspension mounting of rear table makes possible perfect alignment with front table. Front table mounted on double set of adjustable ways. Ways are spring loaded to correct for wear.

Depth of cut easily adjustable with hand wheel. Gauge shows depth of cut. Controls all visible from normal operating position; can be reset without reaching under table. Spring-loaded guard gives complete protection; can be quickly removed in one motion for rabbeting cuts. Cutterhead bearings are mounted in adjustable brackets to permit highly accurate alignment of cutterhead with rear table. Cutterhead assembly easily removed as a unit for precision grinding of blades.

SPECIFICATIONS:

- Width of cut, 6 1/2 in.; Depth, 3/4 in.
- Rabbet depth, 3/4 in.
- Table size: front 16 3/4 x 7 3/4 in.; rear 17 3/4 x 7 3/4 in.
- Bearings, 2 sets sealed precision ball.
- Cutter knives, . . . 3 high speed steel, 6 3/4 x 1 1/2 x 1 1/4 in.
- Recommended arbor speed, Approx. 4500 R.P.M.
- Motor recommended (min.) 3/4-H.P. 3450 R.P.M.
- Machine pulley (included), 2-in.
- Motor pulley (not included), 2 3/4-in.
- Mounting dimensions, 8 3/4 x 32 1/4 in.
- Over-all dimensions: height 11 3/4 inches; width 20 inches; length 42 3/4 inches.

99 AM 2390—Without motor, motor pulley, V-belt or power tool bench. Shpg. wt. 155 lbs. **\$101.50**

99 AM 2391—With 3/4-H.P. 3450 R.P.M. ball bearing capacitor motor for 110-120 volt 60-cycle AC, 2 3/4-in. motor pulley, 3/4x45-in. V-belt. (Bench not included). Shipping weight 193 pounds. **\$133.95**

9 A 2293—6 1/2-inch Jointer Knives (Replacement). High speed steel; expertly ground. Set of three for above Jointer-Planer or 99AM2370 Thickness Planer on opposite page. Shpg. wt. set of three 10 oz. **\$4.15**

9 A 2013—Steel Mounting Plates. Necessary for mounting above Jointer-Planer on 99A02134K power tool bench (see page 11). Set of 2. Shpg. wt. 4 lbs. **.98c**

B 9 A 2916—Jointer, Shaper and Thickness Planer Handbook. Contains 32 pages, 200 illustrations. Covers set-ups and special operations, adjustments, sharpening, etc. Shpg. wt. 2 oz. **.25c**



A guard encloses belt and pulley for maximum safety. These are the only moving parts, aside from the cutter head.



Fence tilts up to 45° in either direction; locks in place. Accurate, easy-to-read protractor scale shows angle of tilt.

CRAFTSMAN "100" 20-inch Power-Feed Thickness Planer

C Extra heavy duty! Super-quality in every detail of construction. A real production tool, designed to meet the planing needs of lumber mills, factories and every type of woodworking shop.

Its range of speeds, 20 and 40 linear feet per minute, (or 40 and 80 linear feet per minute by changing sprocket) assures the user a machine that can handle the heaviest type of roughing work or the finest cabinet finish and pattern shop planing with ease.

Extra-large capacity. Planes lumber up to 20 inches wide and 6 inches thick. Maximum depth of a single cut is 3/4 inch depending on type of wood. Scale indicates depth of cut; handwheel adjusts depth.

Superior construction. Heavy welded base, alloy steel head, high-speed steel knives and hardened gears. Bed is of semi-steel; close-grained castings are supported by large anti-friction thrust bearings.

Safety-type cutterhead mounted on heavy-duty ball bearings. Solid steel feed rolls 2 1/2-in. diam.

SPECIFICATIONS:

- Capacity of cut, maximum, 3/4 inch
- Width of cut, maximum, 20 inches
- Table size, 34x20 inches
- Size of cutter head, 4 3/4 inches
- Knives, four; size 20x1x1 1/2 inch
- Bearings for cutter-head, 2 sets of precision ball
- Power feed rate, 20 and 40 lineal feet per minute, or 40 and 80 lineal feet per minute
- Machine pulley (included), 3.4 inches
- Motor pulley (included), 2-step; 3.4 and 6.4 in.
- Motor recommended (variable), 3 to 10 H.P.; 1750 R.P.M.
- Recommended cutter-head speed, approximately, 3600 R.P.M.
- Dimensions: height 47 in.; width 41 in.; depth 36 in.

99 AM 2757F—Shipped from factory in Cincinnati, Ohio, from where you pay shipping charges when delivered. Motor is not included. Shpg. wt. 1240 lbs. Terms: \$97.50 down \$53.50 monthly. Cash **\$975.00**



C **\$975.00**
 CASH
\$97.50 DOWN

There's no need to pay cash! Pay for your power tools as you use them!
 See inside back cover for complete details on Sears Easy Payment Terms



EXTRA STRONG... heavy side frame is cast in one piece from gray iron



EXTRA STRONG... heavily ribbed, accurately ground table; precision ways



EXTRA STRONG... heavy duty, long-life precision-type ball bearings

CRAFTSMAN
REG. U.S. PAT. OFF.

THICKNESS PLANER

- Planes lumber up to 12 inches wide, 4 inches thick
- Takes lumber as short as 6 inches; as thin as 1/16 inch
- Feed speed averages 17 lineal feet per minute
- For daily high production work

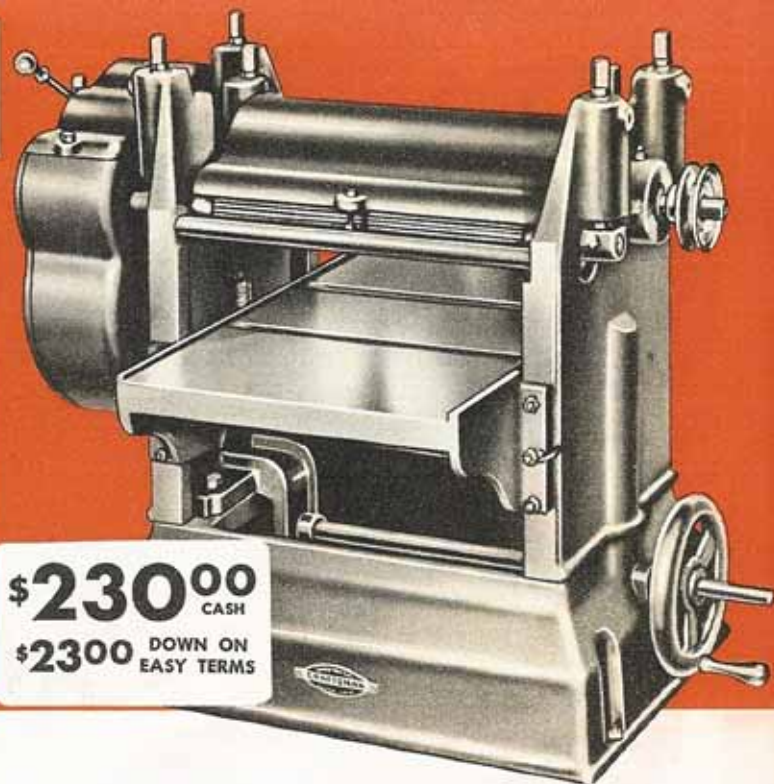
If dependability, speed and accuracy are at a premium in your woodworking business, be sure you choose the famous CRAFTSMAN 12-inch power feed thickness planer. From price to production... we're convinced it is unsurpassed!

Every feature of this rugged CRAFTSMAN thickness planer has been engineered to extreme accuracy... has been designed especially to handle day-in-day-out high production work. And every part is extra strong to insure long service.

Sturdy one-piece frame is cast from rugged, lasting gray iron. Strong precision-machined ways securely support heavily-ribbed, accurately ground table. Table is easily raised and lowered by a convenient hand wheel for depth of cut adjustment. And you can hold cut to within a few thousandths of an inch because of extremely close tolerances throughout!

3 1/2-inch diameter safety-type solid steel cutter head; three knives. Runs on heavy-duty sealed precision ball bearings... lubricated for life. Maximum depth of cut 3/32 in., depending on type of wood. Planes lumber up to 4 inches thick and 12 inches wide. Takes wood as short as 6 inches and as thin as 1/16 in. Highly accurate depth of cut scale. 1 3/4-inch diameter solid steel feed rolls. Feeds up to 17 lineal feet per minute. Has chip breaker and pressure bar guard head. All gears run in oil bath.

Recommended cutter head speed, 4200 R.P.M. Use a 6 to 8-inch motor pulley with 3/4 to 2-H.P. 1750 R.P.M. motor for best results (motor not included). Be sure to see detailed specifications and order information at right.

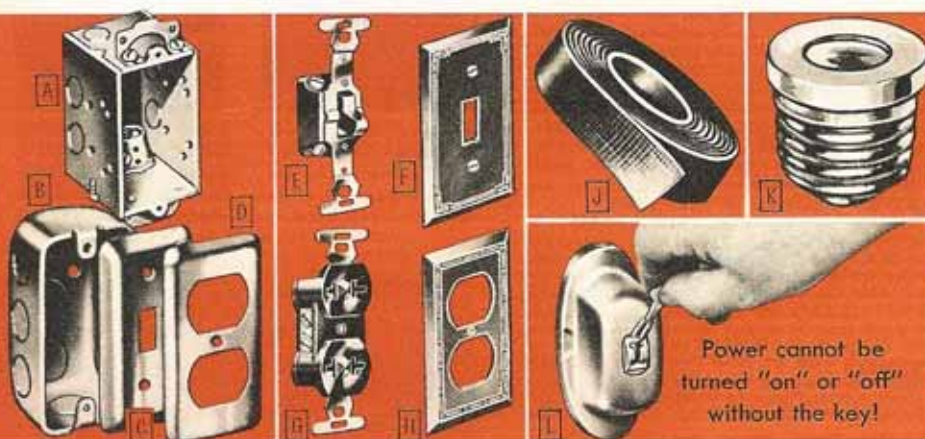


\$230.00 CASH
\$2300 DOWN ON EASY TERMS

SPECIFICATIONS AND ORDER INFORMATION

- Capacity of cut, maximum... 3/32 in.
- Width of cut, maximum... 12 in.
- Table size... 12x20 in.
- Size of cutter head... 3 1/2 in.
- Knives... 3; size 12x3/4x1/4 in.
- Bearings... 2 sets sealed precision ball
- Power feed rate... 17 lineal feet per min.
- Machine pulley (included)... 3 in.
- Motor pulley (not included)... 6 1/2 in.
- Motor recommended (variable)..... 3/4 to 2 H.P.; 1750 R.P.M.
- Recommended cutter head speed, approximately... 4200 R.P.M.
- Mounting dimensions... 8 3/4x18 3/4 in.
- Over-all dimensions: height 23 in.; width 33 in.; depth 20 in.

99 A M2349F—Shipped from factory in Cincinnati from where you pay shipping charges when delivered. Without motor. Shipping weight 280 lbs. \$230.00



Electrical Accessories.. Fluorescent Work Light



Plugs into any 110-120-volt 60-cycle AC outlet

Power cannot be turned "on" or "off" without the key!

Electrical Wiring Boxes

UL approved. Easily installed. Fit standard toggle switches, duplex receptacles, etc. Heavy 14-gauge steel. Two types:

A Flush Mounting Box with 2 double clamps. Depth 2 1/2 in. Adjustable mounting brackets. Sides removable for joining two or more boxes. Shpg. wt. 12 oz. each. 34 A 5383..... Each 33c

For non-metallic sheathed cable. 34 A 5383..... Each 33c
For steel-armored cable. 34 A 5382..... Each 33c

B Surface Mounting Utility Box. Have 1/2-inch knockouts for armored or non-metallic cable connectors or for 1/2-inch conduit. Screws to wall surface. 4x2 1/2x2 in. deep. Shpg. wt. 10 oz. 34 A 5388..... Each 30c

Covers for (B) above. With screws. 34 A 5389—Switch Cover. Shpg. wt. 3 oz..... Each 13c

34 A 5390—Duplex Outlet Cover. Shpg. wt. 3 oz..... Each 13c

Switch.. Outlet.. Tape

E Homart Single-pole Toggle Switch. Extra-long life type. "T"-rated. 10-amp. 115-volt. Brown Bakelite body. Screws for installing included. 34 A 5247—Shpg. wt. 4 oz. Each 39c

F Brown Plastic Wall Plate for (E) above. Shpg. wt. 1 oz. each. 34 A 5291..... Each 10c

G Homart Duplex Outlet. Extra-long life. 15-amp. 115-volt. Contacts grip both sides of plug tighter than ordinary. Brown Bakelite body. With screws. 34 A 5245—Shpg. wt. 4 oz. Each 31c

H Brown Plastic Wall Plate for (G) above. Shpg. wt. 1 oz. each. 34 A 5295..... Each 10c

J Homart 3/4-in. Plastic Tape for electrical work. Our finest! This one tape does the work of rubber and friction tape both. 34 A 5000—20-foot length. Shpg. wt. 2 oz. Per roll..... 55c
34 A 5001—60-foot length. Shpg. wt. 5 oz. Per roll..... \$1.36

Fuses... Key Switch

K UL approved Plug Fuses. Screw-in type. Shockproof glass tops. Amperage ratings clearly marked. Choice of 2 types:

New "Time-Lag" Plug Fuses. Absorb harmless temporary current surges (as when starting motors, etc.) without blowing, yet give full protection against dangerous overloads and shorts. Shpg. wt. 2 oz. each. State size, quantity. 34 A 5143—15, 20, 25 or 30-amp. Each..... 9c

Standard Homart Plug Fuses. Shpg. wt. 4 oz. for 5 fuses. Please state size and quantity. 34 A 5142—10, 15, 20, 25, 30-amp. 5 of any one size..... 25c

L LOK-IT Key Switch. Removable key prevents children and others turning on power tools, appliances, TV and radio sets. Easily installed. UL approved. 10-amp. 115-volt. Cast metal body. With key and screws for installing. 34 A 5949—Shpg. wt. 1 lb..... \$2.95

Handy Portable Plug-in Fluorescent Work Light

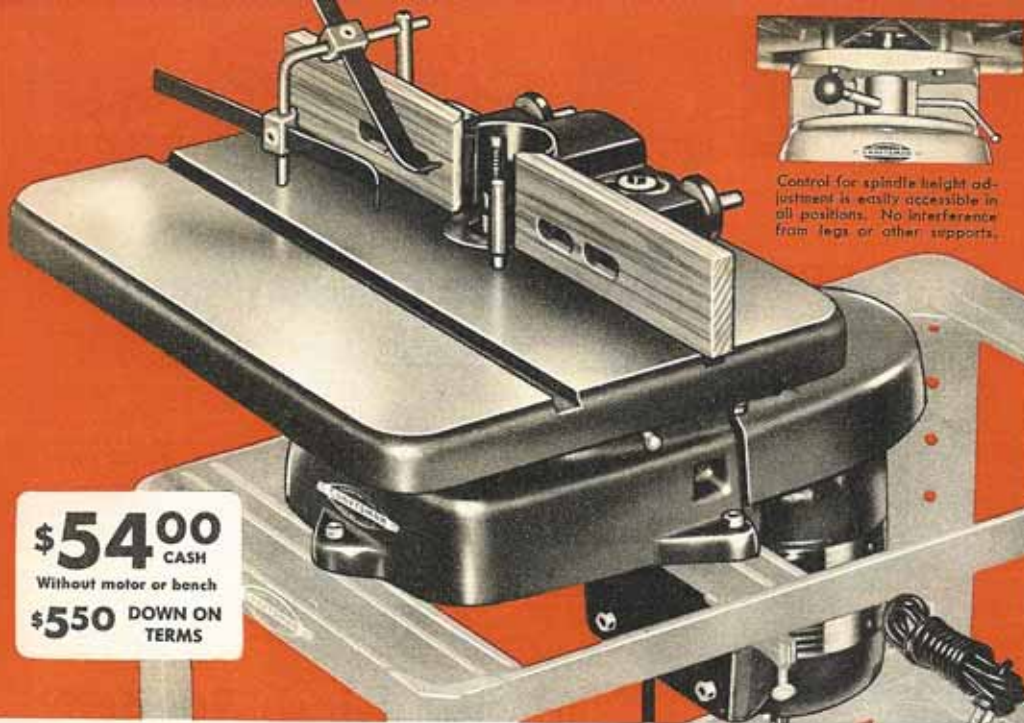
Every home needs this handy work light!
Move it from workshop to laundry, garage, attic
—wherever and whenever you need it

Gives plenty of ideal soft light that you need, but so seldom get in home work areas. Easy to install... no wiring. Screw in ceiling hooks, hang on chains... then just plug 3-ft. cord into any 110-120-volt 60-cycle AC wall or ceiling outlet. That's all!

Two 20-watt bulbs give more light than 100 watts of incandescent lighting. If more light is needed, order big double size with two 40-watt bulbs.

Blue-gray enameled steel with bright white reflector. 24x11-inch size. Extends down 22 inches, adjusts to 5 1/4 inches. Can also be permanently installed flush to ceiling. Safe... fully UL approved.

34 A 03746—With two 20-watt bulbs. Wt. 8 lbs.... \$9.95
34 A 03747—Double size, 50x11 1/4 in., with two 40-watt bulbs. High power factor. Wt. 22 lbs.... 16.95



Control for spindle height adjustment is easily accessible in all positions. No interference from legs or other supports.

SPECIFICATIONS

- Cutter height capacity . . . 2 3/4 inches
- Cutter bore 1/2-inch
- Bearings . . . 2 sets sealed radial ball
- Table size 21x15 inches
- Table height (stationary) . . . 8 3/4 in. above base
- Miter gauge slot 3/4 inch wide 3/8 inch deep
- Length of fence (adjustable) 18 3/4 to 21 inches
- Spindle diameter 1/2-inch ends 1 3/8-inch center
- Spindle thread . . . 1/2 inch x 16 Acme
- Spindle travel 3/8-inch
- Spindle speed recommended 9,000 R.P.M.
- Machine pulley (included) . . . 2-in.
- Motor pulley (incl.) . . . 4 3/4-in. flat
- V-belt (included) 3/2x33 inches
- Motor recommended (minimum) 3/2-H.P. 3450 R.P.M.
- Mounting dimensions 3 holes 2 rear are 11 1/2 in.; front is 9 1/2 in.
- Overall dimensions: height 11 1/2 in.; width 21 inches; depth (without motor guard) 15 inches

\$54⁰⁰
CASH
Without motor or bench
\$550 DOWN ON
TERMS

CRAFTSMAN high-speed Wood Shaper

REG. U.S. PAT. OFF.

Either side of fence easily adjustable without disturbing the other

Designed for high-speed, light duty production work. Cuts smoothly and rapidly at all possible angles to the grain of wood, using shaper cutters below.

Four features exclusive in this price range! (1) BOTH sides of fence adjustable without loosening fence assembly. (2) Three-point mounting. (3) Collars, nuts and washers hardened to prevent burring. (4) Floating upper bearing for greater accuracy . . . two sets of sealed radial ball bearings, lubricated for life.

Extra-large, 21x15-inch ground cast semi-steel table. Spring hold-downs hold work securely against table and fence while cutting. Table has miter gauge slot. Solid-type spindle construction—instead of interchangeable style—assures accurate concentricity. Reversible; rotates in either direction. Larger spindle diameter between bearings; same principle of design used in expensive grinding and boring machines; helps prevent whip and vibration.

Built-in guard completely encloses belt and motor pulley; adjustable for different belt lengths. Flat motor pulley (supplied) helps prevent belt misalignment when raising or lowering spindle. Comes with 3 spindle collars; machine pulley; motor pulley; and 3/2x33 inches V-belt. Shaper cutters described and sold separately below. See inside back cover for Sears Easy Terms.

- 99 AM 2392—CRAFTSMAN Shaper as above, without motor or power tool bench. Shipping weight 76 pounds. **\$54.00**
- 99 AM 2406—As above, with 3/2-H.P. 3450 R.P.M. 110-120 volt 60-cycle A.C. ball-bearing capacitor motor. Shipping weight 107 pounds. **\$84.95**
- 99 A 02134K—CRAFTSMAN Power Tool Bench. (See page 11 for complete description.) Height adjustable from 22 to 32 inches. Length 30 inches. With 4 cross slide-rails. Shipping weight 28 lbs. **\$11.95**



To see additional cuts you can get, move 2 pieces of paper over diagrams at left.

Shaper Cutters for shaper or drill press . . Give work a professional touch!

Top professional quality. Made of tough, wear-resistant special alloy steel; perfectly ground and engineered to exact dimensions. For use on wood shaper . . . makes tool much more useful. Also can be used on drill press with 9 A 2483 adapter (see page 37). Sturdy cutters have 1/2-inch bore. Quickly and easily resharpened by grinding the flat surface ahead of the cutting edge, and using fine grit wheel (preferably cone-type).

You can make hundreds of additional cuts with this complete selection of cutter sizes . . . using only part of the cutter edges. The diagram opposite each cutter illustration above shows full cut produced. To quickly and easily determine a cut not shown, simply place two pieces of paper on the upper and lower parts of the diagram . . . then move the paper up and down until you arrive at the exact shape you want. By using the corresponding part of the cutter edge, you can determine the cut represented by the part of the diagram not covered by the two pieces of paper. (See example in sketch above at right.) Use shaper collars 9 A 2367 (listed at right) to regulate depth and height of cut wanted.

- A** Matched Tongue and Groove Cutters. Precision ground. Razor-sharp! 1/2-in. bore; 1-in. high; 3/8-in. radius. 9 A 2365—Shpg. wt. 10 oz. . . **\$3.75**
- B** Drop Leaf Cutters. Must be used together to make drop leaf joint. Can be used separately for special cuts on boards 7/16 to 1-in. thick. 1-in. high; 3/8-in. radius. 9 A 2450—Concave Cutter. Shipping weight 4 oz. . . **\$1.90**
- C** 9 A 2451—Convex Cutter. Shipping weight 4 oz. . . **\$1.90**
- Large size shaper cutters.** Precision machined. Accurately ground. Shpg. wt. each 8 oz.
 - D** 9 A 2347—1-inch high; 1 1/4-inch radius. **\$2.75**
 - E** 9 A 2346—1-inch high; 1 1/4-inch radius. **2.75**
 - F** 9 A 2348—1-inch high; 1 1/4-inch radius. **2.75**
 - G** 9 A 2345—1-inch high; 1 1/4-inch radius. **2.75**

- Small Size Shaper Cutters.** Top-quality special alloy steel with stands hard usage. Precision machined. Accurately ground to exact dimensions. Hold keen, long-lasting edges even after toughest jobs. Shipping weight 6 ounces.
 - H** 9 A 2319—3/8-inch high; 3/8-inch radius. **\$1.35**
 - J** 9 A 2323—1-inch high; 3/8-inch radius. **1.90**
 - K** 9 A 2321—3/8-inch high; 3/8-inch radius. **1.60**
 - L** 9 A 2329—1-inch high; 3/8-inch radius. **1.90**
 - M** 9 A 2335—1-inch high; 3/8-inch radius. **1.90**
 - N** 9 A 2327—1-inch high; 3/8-inch radius. **1.90**
 - P** 9 A 2333—1-inch high; 3/8-inch radius. **1.90**

- Specialized shaper cutters.** 3/8-inch radius. Shipping weight each 4 oz.
 - R** 9 A 2380—Small Picture Frame Cutter. 3/8-inch high. **\$1.90**
 - S** 9 A 2395—Large Picture Frame Cutter. 1-inch high. **1.90**
 - T** 9 A 2309—Shoe Molding Cutter 1-inch high. **1.90**
 - U** 9 A 2369—Cupboard Door or Drawer Cutter. 1-inch high. **\$1.90**
 - V** 9 A 2376—Beaded Screen Molding Cutter. 1-inch high. **1.90**
 - W** Set of 5 Shaper Collars. Mount beneath shaper cutters (above and at left) to control depth of cut on curved work. Fit 1/2-inch spindle. 9 A 2367—Shpg. wt. 6 oz. Set **\$1.89**
 - X** Sash and Door Cutter. Fits 99 AM 2392 above and former shaper 2381. Use with 2483 adapter (page 37). 9 A 2407—Shpg. wt. 7 oz. **\$3.49**

See inside back cover for details of Sears Easy Payment Plan



Polish your car



No pressing! Just guide it



Lightweight for vertical sanding



Excellent for body massaging



Stroke adjuster for efficient operation



Handy push-button on-and-off switch

A \$16⁹⁵
Without carrying case

CRAFTSMAN Sander-Polisher

REG. U.S. PAT. OFF.

Improved! "Dual-Arc" motion provides smooth finished sanding. Convenient! No motor to buy! No oiling! You simply plug it in.

A Takes the hard work OUT . . . puts the finishing touch ON! For finishing, sanding, polishing waxed and finished surfaces, light body massage, etc. (NOT for removing paint, varnish, deep scratches, etc.) Lightweight for easy vertical sanding. No rubbing . . . no pressing! You simply guide it. Improved "Dual-Arc" motion sands with and across grain; throws off sanding dust. Puts high gloss finishes on hard or soft woods, plastics, etc. (14,400 strokes per minute).

Approved by Underwriters' Lab., Inc. Uses open-coated, lightweight backing type sandpaper; no coarser than No. 80. Heavy-duty reactance-type motor never needs oiling! 5 1/2-in. long, 2 1/2-in. wide, 4 1/2-in. high. For 110-120 volt, 60-cycle A.C. only. Complete with 10 sanding sheets, lamb's-wool polishing pad, 8-t. cord, plug, and instructions. Send in your order . . . NOW!

- 9 A 2714—With steel carrying case. Shipping weight 6 lbs. \$18.50
- 9 A 2713—Without carrying case. Shipping weight 5 lbs. \$16.95
- 9 A 2782—Extra Lamb's wool polishing pad. Shipping weight 2 ounces.50c
- 9 A 2783—Extra Velour polishing pad. Shipping weight 2 ounces.30c
- 9 A 2746—Extra Sanding sheets. Fine, medium or coarse. Be sure to state grit wanted. Shipping weight 5 ounces. Two packages of 18 45c

CRAFTSMAN 6-inch Sander

REG. U.S. PAT. OFF.

B Heavy duty! We believe it's the only sander in this price range on which the sanding belt can be operated at any angle from vertical position to horizontal position. 17 1/16-in. long belt table is 6 1/2 in. wide . . . provides over 100 square inches of sanding surface . . . double that usually found on sanders in this price range! You can sand both flat and curved surfaces . . . end grain and small work with 9-in. disc; curved and irregular work with end drums. Sanding disc, table, miter gauge and fence are all included.

Adjustable work table can be tilted to any angle from 0 to 45° We know of NO other comparable sander with this feature. Work table transferable from end to side for disc use. Miter gauge (furnished) fits slot in table.

Exclusive quick-change belt release. Change grit belts in seconds with no fuss or bother. Lever releases belt tension. Position of sanding belt table easily adjusted. 3-inch diameter drums; one rubber-covered. Tension adjustment on idler pulley brackets controlled by hand knobs. Drive pulley and idler pulley are slightly lower than belt table surface to prevent gouging of long work. Large self-lubricating bronze bearings. Tables and frame of cast semi-steel. With adjustable work table; miter gauge; 9-inch abrasive disc; adjustable stop guard; 6x43 1/16-inch sanding belt; 3-inch machine pulley. For extra sanding discs and sanding belts, see 9 A 2526 and 9 A 2167 listed below.

- SPECIFICATIONS:**
- Width of belt 6 inches
 - Circumference of belt . . . 48 5/16 inches
 - Sanding belt table 6 1/2 x 17 1/16 in.
 - Sanding disc table 6 1/2 x 12 inches
 - Diameter of disc sander . . . 9 inches
 - Bearings . . . 4 self-lubricating bronze
 - Drum diameter 3 inches
 - Machine pulley (included) . . 3 inches
 - Motor pulley (not included) . 2 1/2 in.
 - Motor recommended (minimum) 1/2 H.P.
 - Mounting dimensions 7x15 1/16 in.
 - Overall 11 1/4 x 20 1/4 x 28 5/8 in.

- 99 A M2235—CRAFTSMAN 6-inch Belt and Disc Sander as above, without motor, motor pulley, V-belt or bench. Shipping weight 67 pounds. \$47.25
- 99 A M2233—CRAFTSMAN 6-inch Belt and Disc Sander as above, with 1/2-H.P. 1750 R.P.M. capacitor ball-bearing 110-120 volt 60-cycle A.C. motor, 50x 1/2-in. V-belt and 2 1/2-in. motor pulley. Shipping weight 101 pounds. \$75.95
- 99 A 02134K—Power Tool Bench. Adjustable. (See page 11 for description.) 4 cross slide-rails included for mounting motor. Shpg. wt. 28 lbs. \$11.95

DUNLAP 4-inch Sander

REG. U.S. PAT. OFF.

C Ideal for the home workshop. Do flat work with sanding belt; end pulleys can be used as sanding drums for curved and irregular work. Can be used on wood or metal. 3-point mounting. Self-lubricating porous bronze bearings. Cast semi-steel body and table. Simple belt tracking adjustment. Fence adjustable; easily removed. With adjustable stop guard; 4x36-in. medium-grit sanding belt; machine pulley. For extra sanding belts, see 9 A 2215 described below.

- SPECIFICATIONS:**
- Width of belt 4 inches
 - Circumference of belt 36 inches
 - Sanding belt table 4 3/4 x 12 inches
 - Bearings Porous bronze
 - Drum diameter 2 1/2 inches
 - Machine pulley (included) . . . 2 inches
 - Motor pulley (not included) . . 2 inches
 - Motor recommended 1/2 H.P.
 - Mounting dimension 5 1/2 x 7 1/4 in.
 - Overall 6 3/16 x 9 x 16 5/8 inches

- 99 A 02236—DUNLAP 4-in. Belt Sander as above, without motor, motor pulley, V-belt or bench. Shipping weight 19 pounds. \$17.50
- 99 A T2222K—With 1/2-H.P. 1750 R.P.M. bronze-bearing split phase motor (110-120 volt 60-cycle A.C.); motor pulley; V-belt. Shpg. wt. 43 lbs. \$32.50
- 99 A 02140K—Power Tool Bench. (Described on page 11.) Adjustable. 18 in. long. With 2 slide cross-rails. 2 extra cross slide-rails 9 A 2016 (described on page 11) needed for mounting motor. Shipping weight 24 lbs. \$10.50

Belt Sander Accessories

- D** Disc Cement. Holds sanding discs to metal or wood sanding plates. Non-drying to permit quick and easy change of discs. Convenient stick form. Shipping weight 6 ounces.35c
- 9 A 2219—4 3/4 ounce stick. Shipping weight 1 lb. 2 oz.75c
- E** CRAFTSMAN Liquid Cement. Fastens abrasive discs to metal plates. Holds firm . . . settles quickly. Top quality! 9 A 2535—1/2-pint bottle. Shipping weight 1 lb. 2 oz.49c
- F** Abrasive Sanding Discs. 9-inch diameter. Aluminum oxide on paper. For wood or metal. *State grit.* 9 A 2526—Shpg. wt. per package, 8 oz. Pkg. 6 fine grit for69c
- Pkg. 6 medium grit for69c
- Pkg. 5 coarse grit for69c
- G** Endless Sanding Belts. Aluminum oxide on cloth. For sanding wood or metal. *State fine, medium or coarse grit.* 9 A 2215—4x36 in. Shpg. wt. 4 oz.59c
- 9 A 2167—6x48 1/8 inches. Shipping weight 8 ounces. \$1.10



B \$47²⁵ CASH
Without motor, motor pulley, belt or bench
\$5.00 DOWN

Belt on CRAFTSMAN 6-in. sander can be used horizontally or vertically . . . a feature not usually found on sanders in this low price range!



C \$17⁵⁰
Without motor or bench





For the easiest car polish ever!



Sands flat, curved, irregular surfaces!



For drilling with adapter (see below)



Quickly polishes furniture, silverware



3-drum spiral gear reduction design



Better balance with center motor mount



\$36.50
CASH
WITHOUT CASE
\$4.00 DOWN... ON
EASY TERMS



\$58.95
CASH
WITHOUT CASE
\$6.00 DOWN... ON
EASY TERMS

CRAFTSMAN Disc Sander-Polisher

REG. U.S. PAT. OFF.

Precision Ball Bearings . . . Helical Gears

Hundreds of uses! Perfect for sanding, polishing and buffing on woodworking jobs, floors, walls, furniture, metals, etc. With accessories (below) you also can drill and grind; remove rust, scale, paint, etc. Can be used on wood, metal, plastic, concrete, stone, wallboard; flat or curved surfaces. Also see Floor Polishing Outfit 9A02551L and Stand 9A2552 below.

Weights only 6 pounds. No hard rubbing! No pressing! No more aching arms and back! Just plug it in . . . snap the switch . . . and z-i-p . . . the machine does your work for you.

Quality construction. *UL* approved. Precision ball bearings and helical gears. Light, strong die-cast aluminum alloy frame. Dual purpose knob for 2-hand control mounts on either side. Handle trigger switch . . . non locking. Motor mounted over disc for balance. Heavy-duty universal motor develops 1/4-H.P. maximum; completely Formex insulated.

Guaranteed 1 full year. If this sander-polisher-buffer shows any defects in materials or workmanship, we will repair it without charge if returned within one year of purchase.

Accessories included: 10-ft. 3-wire rubber-covered cord with plug; 6-in. flexible rubber sanding disc; 7-in. lamb's wool buffing bonnet; 6 assorted sanding discs; and a convenient socket wrench for quickly attaching discs.

SPECIFICATIONS:

- Disc size, diameter 6 inches
- Overall height, with disc 7 inches
- Bearings Precision Ball
- Gears Helical
- Free speed of disc 1600 R.P.M.
- Normal full load speed . About 1000 R.P.M.
- Switch Trigger type; non-locking
- Motor G.E. Universal type for 110-120-volt 25-50-cycle A.C.-D.C.
- Length of cord 10 feet

99 A 02558—Disc Sander-Polisher-Buffer with above Accessories . . . without carrying case. Shipping weight 10 pounds. **\$36.50**

99 A 02561—Disc Sander-Polisher-Buffer with Accessories and steel Carrying Case. Case holds sander and accessories. Shipping weight 12 pounds. **39.95**

CRAFTSMAN Belt Sander

REG. U.S. PAT. OFF.

Direct Spiral Gear Drive . . . 3-drum design

Exclusive 3-drum design, long belt with longer belt life, fast belt speed, quality construction throughout—that's why we're convinced this is the best belt sander buy on the market.

Guaranteed 1 year! If sander shows any defect in materials or workmanship, we will repair it without charge if returned within 1 year of purchase.

Greater sanding surface . . . greater no-load belt speed, 26 3/4 x 3-in. sanding belt is longer, wider than belts used on comparable 2-drum sanders . . . runs at the high no-load speed of 1200 feet per minute!

UL approved. (A.C.) Die-cast magnesium alloy housing. Quick-change belt release on outside of housing. Drums have dust-protected, self-lubricating bronze bearings. Built-in fan cools the motor. Safety trigger switch. Convenient controls for quickly changing belts and for belt centering adjustments. G.E. universal ball-bearing motor (110-120-volt, 25-60-cycle AC-DC) develops 3/4-H.P. maximum. Formex insulated. 10-ft. 3-wire cord, plug; with 3 silicon carbide belts, lubricant, 8 in. high.

SPECIFICATIONS:

- Belt size width, 3 inches; length, 26 3/4 inches
- Bearings Motor, precision ball; drums, self-lubricating bronze
- Free speed of belt 1200 feet per minute
- Gears Spiral cut steel
- Dimensions Height 8 inches; length 11 3/4 inches; width 5 inches

99 A 02556—Sander without case. Shpg. wt. 16 lbs. **\$58.95**

99 A 02230K—Sander with steel case. Shpg. wt. 22 lbs. **63.95**

See inside back cover for complete Easy Payment details



Accessories for the CRAFTSMAN Disc Sander-Polisher-Buffer

REG. U.S. PAT. OFF.

- A Sanding Discs.** 6-inch diameter. Long-life silicon carbide abrasive. Be sure to state grit wanted.
9 A 2562—Grits: 00 (extra fine); 0 (fine); 1 (medium) or 2 1/2 (coarse). Conveniently packaged with 6 of any one grit. Shipping weight 7 ounces. **Package 35c**
9 A 2562—Grit: 4 (extra coarse); open coat. Best for quickly and easily removing paint, varnish, etc. In a handy package of 6. Shipping weight 8 ounces. **Package 55c**
- B Adapter.** Screws into shaft of sander-polisher. 3/4-in. 20-thread spindle for chucks, brushes, etc. Has steel flanges for clamping grinding wheels, buffing wheels, etc.
9 A 2564—Shipping weight 3 ounces. **49c**
- C CRAFTSMAN 3-jaw Chuck.** For sander-polisher. Screw-on type. 0 to 1/4-in. Fits 3/4-in. 20-thread spindle. Use with adapter.
9 A 2248—Shipping weight 5 ounces. **80c**
- D Jacobs Geared Key Chuck.** 3/4-in. capacity with 3/4-in. 20-thread mounting thread. For 99 A 02558. Use with adapter.
9 A 2976—Shipping weight 10 ounces. **\$5.50**

- E Wire Cup Brush.** For removing scale, paint, rust, etc. Crimped steel wire bristles 1 3/4 in. long. Brushing surface has 1 1/2-in. face, 2 3/4-inch outside diameter, 3/8-inch arbor hole. Use with adapter 9 A 2564 at left.
9 A 6485—Shipping weight 4 ounces. **75c**
- F Floor Brush.** For scrubbing, waxing, etc. 1-in. long Tampico fibers securely set in 5-in. diameter hardwood block. Has 3/4-in. arbor hole. Use with 9 A 2564 at left.
9 A 6487—Shipping weight 11 ounces. **\$1.10**
- G Horizontal Metal Stand.** Makes above sander-polisher a bench tool. Long-life heavy steel. Handy trigger lock.
9 A 2552—Shipping weight 1 pound. **75c**
- H Four-piece Floor Polishing Outfit.** Converts CRAFTSMAN Sander-Polisher above into a long-handled tool. Eliminates tiresome kneeling when polishing floor. Includes 4-ft. tubular metal handle with rubber hand grips; trigger extension; 6-in. plywood tampico brush; 5 3/4-in. felt buffing pad; adapter.
99 A 02551L—Shipping weight 5 pounds. **\$8.75**

Belts . . . Lubricant

- J Replacement Belts for Portable Sander.** Made of long-life aluminum oxide abrasive on strong cloth. Measures 3x26 3/4 inches. Grit: 00 (extra fine) 0 (fine); 1 (medium); 2 (coarse) or 4 (extra coarse). Grit 4, open-coat, best for removing paint, varnish, etc. State grit wanted. Shipping weight 4 oz.
9 A 2231 Each **35c**
- K CRAFTSMAN Lubricant.** 4-oz. tube of special lubricant designed for use in gear cases of all types of portable power tools. Assures long-life lubrication, and long gear life.
9 A 2593—Shpg. wt. 6 oz. **79c**



\$46.50 CASH
Without Motor or Bed Extension
\$5.00 DOWN . . ON EASY TERMS

Be sure to order our complete lathe operation manual, 32 pages; 230 illustrations.

Wood Turning Lathes and Useful Accessories

DUNLAP bronze-bearing Wood Lathe

A 8-in. swing . . . 24 in. between centers . . . 36 $\frac{3}{4}$ -in. bed. You'd expect to pay much more for a lathe of this quality and capacity! Sturdy, solid construction. Especially recommended for the home workshop.

Heavy cast semi-steel construction. Entire bed made in one piece; ribbed and reinforced. Three-point mounting. Tailstock easily, quickly adjusted. Two self-lubricating porous bronze bearings with ball thrust bearing in headstock. Oil well surrounds each.

$\frac{3}{8}$ -in. straight unthreaded spindle in headstock and tailstock. End cover removable on outboard end for turning larger diameter work. Height of tool rest easily adjusted. One wrench fits tool rest slide, tool rest height adjustment and tailstock lock. Rust-resisting gray enamel finish. With tool rest, spur and cup centers, wrench, and 3-step cone-type machine pulley.

99 A 02160L—DUNLAP lathe as above, without motor, motor pulley, or V-belt. Shpg. wt. 50 lbs. **\$25.95**

99 AM 2193—With $\frac{3}{8}$ -H.P. split phase 110-120-volt 60-cycle A.C. 1750 R.P.M. bronze-bearing motor; motor pulley; $\frac{1}{2}$ x36-in. V-belt. Shpg. wt. 77 lbs. **\$42.50**

Just a few dollars down puts a complete Power Tool workshop in your home with Sears Easy Payment Plan. Be sure to see complete details on inside back cover.

SPECIFICATIONS

	99 A 02160L	99 A M2307
Spindle, inboard end	$\frac{3}{8}$ -in. straight, unthreaded	$\frac{3}{8}$ -in. x 16 R.H. thread; No. 1 Morse, female taper
Spindle, outboard end	$\frac{3}{8}$ -in. straight, unthreaded	$\frac{3}{8}$ -in. x 16 L.H. thread
Spindle speeds	Three: 1025, 1750, 2985 RPM	Four: 875, 1350, 2250, 3450 RPM
Tailstock taper	none	No. 1 Morse, female
Tailstock ram travel	1 $\frac{1}{2}$ in.	2 $\frac{3}{4}$ in.
Machine pulley included	3-in. 3-step V-type Cone	4-in. 4-step V-type Cone
Motor pulley included	3-in. 3-step V-type cone	4-in. 4-step V-type cone
Motor recommended (min.)	$\frac{1}{2}$ -H.P.; 1750 RPM	$\frac{1}{2}$ -H.P.; 1750 RPM
Mounting dimensions	33 $\frac{3}{4}$ x6 in. (hole centers)	43 $\frac{1}{2}$ x7 $\frac{3}{4}$ in. (hole centers)
Over-all dimensions	Height 8 $\frac{1}{2}$ in. Width 8 in. Length 40 in.	Height 10 $\frac{1}{2}$ in. Width 8 $\frac{1}{2}$ in. Length 50 $\frac{1}{2}$ in.

CRAFTSMAN "100" Ball-bearing Lathe

B 9-in. swing . . . 30 in. between centers . . . 46 $\frac{3}{4}$ -in. bed. By far our finest wood turning lathe. It's a massive, heavy duty production-type tool. Now being used in many large woodworking shops.

The ONLY lathe in this price range with all these features: two sealed radial thrust ball bearings in headstock; lubricated for life. Removable cover on outboard end of headstock spindle. Spring-loaded indexing pin for use in fluting. Exceptionally convenient location of tailstock lock and tailstock ram lock. Bed full 5 $\frac{1}{2}$ in. wide.

Extra-heavy cast semi-steel construction. Massive base is rigid and well braced. Three-point mounting. No. 1 Morse female taper in both headstock and tailstock. Rust-resisting machinery gray enamel finish. With tool rest, spur and cup centers, wrench, machine pulley and V-belt.

99 AM 2307—Without motor, motor pulley or lathe-bed extension. Shipping weight 76 lbs. **\$46.50**

99 AM 2195—With DUNLAP $\frac{1}{2}$ -H.P. split phase 1750 R.P.M. 110-120-volt 60-cycle A.C. motor and motor pulley. Shipping weight 104 pounds. **\$62.95**

C 99 A 02488—18-in. Lathe Bed Extension. For above lathe, or our earlier model 105. 23180. Shpg. wt. 19 lbs. **\$9.75**

D 9 A 2920—"The Wood Lathe" Instruction Book. Illustrated, 32 pages, 230 illustrations. Describes over 150 lathe operations. Shpg. wt. 2 oz. **25c**



E CRAFTSMAN 6-piece Wood-turning Tool Set. For carving models, cutting linoleum, etc. $\frac{3}{8}$ -in. bent gouge; $\frac{3}{8}$ -in. bent chisel; $\frac{1}{2}$ -in. "U" tool; $\frac{1}{2}$ -in. straight chisel; $\frac{1}{2}$ -in. veining tool and $\frac{1}{2}$ -in. skew bevel chisel, 2 $\frac{1}{2}$ -in. long forged, heat-treated steel blades. 3 $\frac{3}{4}$ -in. hardwood handles; metal ferrules. 9 A 2897—In box. Shpg. wt. 1 lb. Set **\$3.98**

F CRAFTSMAN 5-piece Wood-turning Chisel Set. Bright polished 4-in. tempered vanadium steel blades; 8-in. smooth hardwood handles; heavy ferrules. Average over-all length, 13 in. Includes: $\frac{1}{2}$ -in. gouge; $\frac{1}{2}$ -in. spear point chisel; $\frac{1}{2}$ -in. round nose chisel; $\frac{1}{2}$ -in. parting tool; $\frac{1}{2}$ -in. skew chisel. In attractive box. 9 A 2855—Shpg. wt. 2 lbs. 4 oz. Set **\$7.50**

G CRAFTSMAN 8-piece Wood-turning Chisel Set. Bright polished 4-in. vanadium steel blades; tempered; ground. 8-in. hardwood handles; heavy ferrules. Average over-all length, 13 in. Includes: $\frac{1}{2}$ -in. gouge; $\frac{1}{2}$ -in. gouge; $\frac{1}{2}$ -in. gouge; $\frac{1}{2}$ -in. spear point chisel; $\frac{1}{2}$ -in. round nose chisel; $\frac{1}{2}$ -in. parting tool; $\frac{1}{2}$ -in. skew chisel and 1-in. skew chisel. In sturdy wood box covered with attractive artificial leather. 9 A 2853—Shpg. wt. 8 lbs. 10 oz. Set **\$13.95**

Individual CRAFTSMAN Wood-turning Chisels. Same quality as in 9 A 2853 and 9 A 2855 sets. 9 A 2850—Gouge, $\frac{1}{2}$ in. wide. Wt. 10 oz. . . . \$1.60
9 A 2851—Gouge, $\frac{1}{2}$ in. wide. Wt. 11 oz. . . . 1.75
9 A 2852—Gouge, $\frac{1}{2}$ in. wide. Wt. 13 oz. . . . 1.95
9 A 2854—Spear Point Chisel, $\frac{1}{2}$ in. wide. Shipping weight 11 oz. \$1.35
9 A 2856—Round Nose Chisel, $\frac{1}{2}$ in. wide. Shipping weight 11 oz. \$1.40
9 A 2858—Parting Tool, $\frac{1}{2}$ in. wide. Shipping weight 11 oz. \$1.60
9 A 2862— $\frac{1}{2}$ -in. Skew Chisel. Wt. 11 oz. . . . 1.40
9 A 2863—1-in. Skew Chisel. Wt. 11 oz. . . . 1.60

H CRAFTSMAN 4-pc. Carbide-Tipped Turning Chisel Set. New! Special steel blades tipped with tough, long-life carbide! Carbide edges stay sharp up to 20 times longer than ordinary edges! Easily sharpened. Rugged hardwood handles. For working wood, plastic, aluminum and brass. 9 A 3629—Complete set as listed individually below. Shpg. wt. 2 lbs. 6 oz. \$13.95
9 A 3624— $\frac{1}{2}$ -in. Parting Tool. Shpg. wt. 8 oz. \$2.98
9 A 3625— $\frac{1}{2}$ -in. Round Nose Chisel. Shpg. wt. 11 oz. . . . \$3.50
9 A 3626— $\frac{1}{2}$ -in. Skew Chisel. Shpg. wt. 10 oz. \$4.25
9 A 3627— $\frac{1}{2}$ -in. Gouge. Shpg. wt. 11 oz. \$4.25

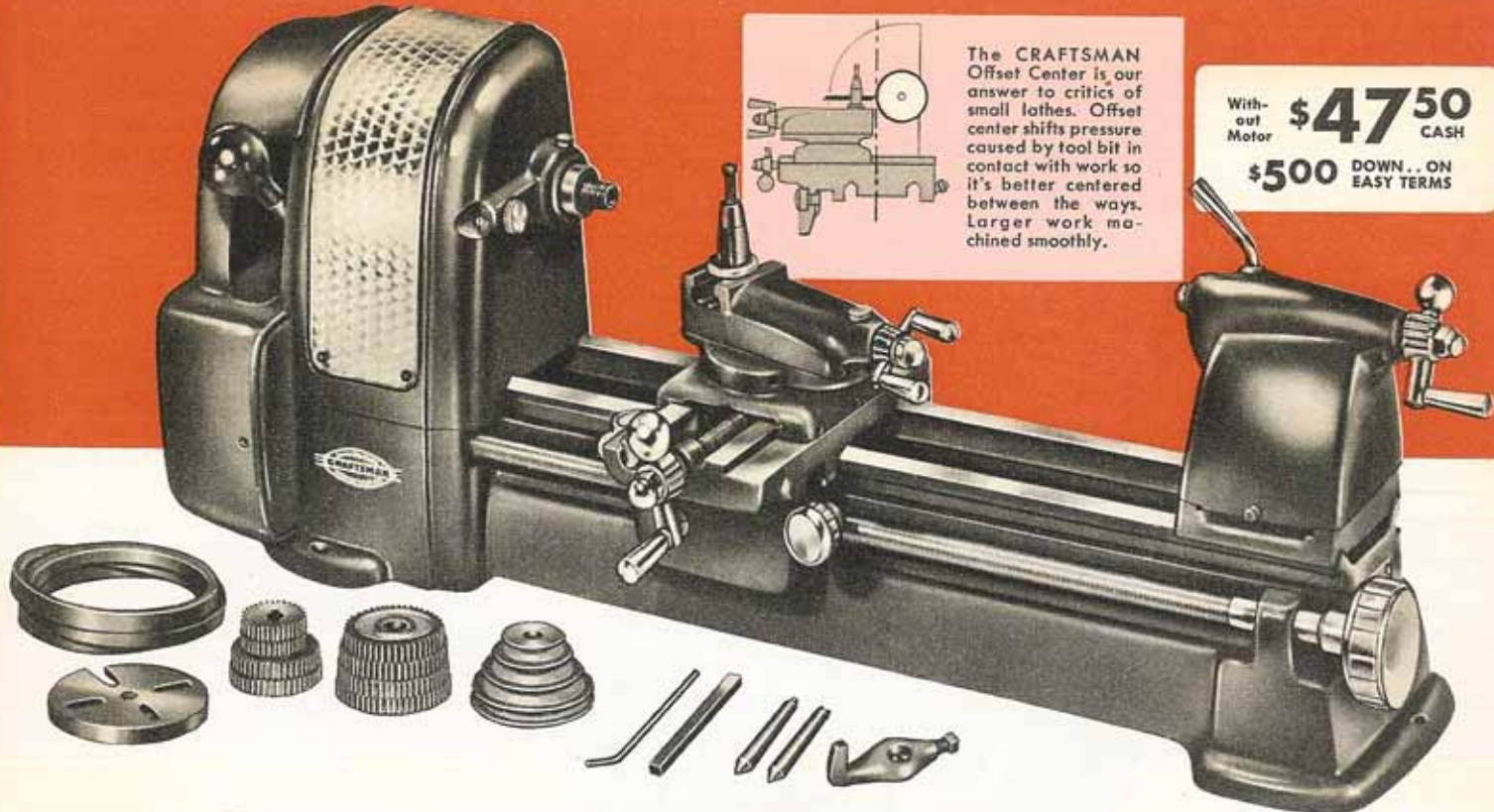
J Work Arbor with Chuck. 3-jaw, $\frac{1}{2}$ -in. capacity chuck and $\frac{1}{2}$ -in. x 20-thread arbor with steel flanges. Fits 99A02160 or any lathe with $\frac{1}{2}$ or $\frac{3}{8}$ -in. unthreaded straight spindle. Fastens with 2 set screws. State whether for $\frac{1}{2}$ or $\frac{3}{8}$ -in. spindle. Shpg. wt. 1 lb. 10 oz. 9 A 2151 **\$1.85**

K CRAFTSMAN General-Purpose Work Arbor. Of carbon steel, 4 in. long, 2 $\frac{3}{8}$ -in. spindle has $\frac{1}{2}$ -in. x 20-thread. Steel flanges. Fits 99A02160 or any lathe with $\frac{1}{2}$ or $\frac{3}{8}$ -in. unthreaded shaft. 2 set screws. State whether for $\frac{1}{2}$ or $\frac{3}{8}$ -in. spindle. 9 A 2164—Wt. 12 oz. . . . **\$1.00**

Lathe Centers. For 99A02160 or lathe with $\frac{3}{8}$ -in. straight spindle. Fastens with 2 set screws. Replaceable point.

L 9 A 2105—Headstock Spur Center. Shpg. wt. 6 oz. **95c**
M 9 A 2102—Tailstock Cup Center. Shpg. wt. 6 oz. **95c**
N Face Plate. Cast iron. For 99A02160 or any lathe with $\frac{3}{8}$ -in. straight unthreaded spindle. 4-in. diameter. Set screw. Shpg. wt. 1 lb. 5 oz. 9 A 2320 **\$2.00**
P Long Tool Rest. For 99AM2307 lathe above, or 2318. 20 in. long. Cast semi-steel; machined and finished. Adjustable for height. With one bed bracket. 9 A 2316—Shpg. wt. 7 lbs. 6 oz. **\$4.98**
R Sanding Plates. Cast iron construction. Fitted with sandpaper. 9 A 2491—8 in. For 99AM2307, or any lathe with $\frac{3}{8}$ in. x 16 R.H. thread. Shpg. wt. 2 lbs. 8 oz. **\$4.60**
9 A 2341—8 in. For 99A02160 or any lathe with $\frac{3}{8}$ -in. straight unthreaded spindle. Shpg. wt. 2 lbs. **\$3.69**
S Face Plates. Cast iron. For 99AM-2307, or any lathe with $\frac{3}{8}$ -in. x 16-thread spindle. With set screw. 9 A 2489—4-in. diameter. For in-board turning. Shpg. wt. 2 lbs. **\$2.40**
9 A 2490—8-in. diameter. For in-board turning. Shpg. wt. 2 lbs. **\$3.75**
9 A 2492—8-in. diameter. For out-board turning. Shpg. wt. 2 lbs. **\$3.75**
T Face Plate. 3-in. diameter. With spurs, removable center and screw center. For 99AM2307 above, or any lathe with $\frac{3}{8}$ -in. x 16-thread spindle. 9 A 2091—Shpg. wt. 1 lb. 12 oz. **\$1.90**

U Work Arbor with Chuck. 3-jaw screw-on type chuck. $\frac{1}{2}$ -in. capacity; tapped $\frac{1}{2}$ -in. x 20-thread. No. 1 Morse taper on shank. 9 A 2234—Shpg. wt. 1 lb. 8 oz. **\$1.90**
V Work Arbor. $\frac{1}{2}$ in. x 20 thread. 2 steel flanges; nut on head end for clamping wheels. No. 1 Morse taper. 9 A 2153—Shpg. wt. 9 oz. **\$1.00**
W Jacobs-type Chuck Arbors. Precision ground. Postpaid. 9 A 2123—Fits 9A2142 and 9A2143 chucks (listed on page 27). Has No. 1 Morse taper and No. 33 Jacobs taper. (Shipping weight 10 oz.). Postpaid. **\$1.00**
9 A 2154—Fits chucks 9A2129, 9A2144, 9A2991. Has No. 1 Morse taper and No. 3 Jacobs taper. (Wt. 12 oz.) Postpaid. **\$1.00**
X Screw Center. Replaceable center. No. 1 Morse taper on shank end. 9 A 2116—Shpg. wt. 12 oz. **\$1.65**
Y Spur Center. Accurately ground. No. 1 Morse taper on shank end. 9 A 2106—Shpg. wt. 4 oz. **\$1.00**
Z Precision Ball-bearing 60-degree Center. Center point rotates on ball bearing. No. 1 Morse taper shank. 9 A 2112—Shpg. wt. 8 oz. **\$2.90**
AA Tailstock Cup Center. No. 1 Morse taper. Replaceable center point. 9 A 2100—Shpg. wt. 3 oz. **\$1.00**
BB 60-degree Center. No. 1 Morse taper on shank end. 9 A 2110—Shpg. wt. 3 oz. **80c**
CC CRAFTSMAN 4-jaw Independent Lathe Chuck. For 99AM2307 above, or lathe with $\frac{3}{8}$ -in. x 16-thread spindle. 4-in. diameter. Four reversible drop-forged jaws; work independently. T-handle wrench. 9 A 2156—Shpg. wt. 3 lbs. 10 oz. **\$9.50**



The CRAFTSMAN Offset Center is our answer to critics of small lathes. Offset center shifts pressure caused by tool bit in contact with work so it's better centered between the ways. Larger work machined smoothly.

With-out Motor **\$4750** CASH
\$500 DOWN... ON EASY TERMS

CRAFTSMAN "80" Metal Turning Lathe

REG. U.S. PAT. OFF.

Only Sears offers you a back-geared, screw-cutting lathe at anywhere near this low price

There's no other metal turning lathe like it! It's a rugged back-geared, screw-cutting lathe. Back gears give slow speeds and greater power needed to machine a variety of metals. Speed range also permits wood and plastic turning. Designed for precision work, such as turning armatures, model making, experimental work, tool room work, and scores of other small jobs. Smooth-adjusting compound swivel operates on precision machined, dove-tail V-way bed. Spring tension on threading dial assembly gives positive contact at all times. End play eliminated! Compound rest and cross-feed are accurately gibbed for wear take-up.

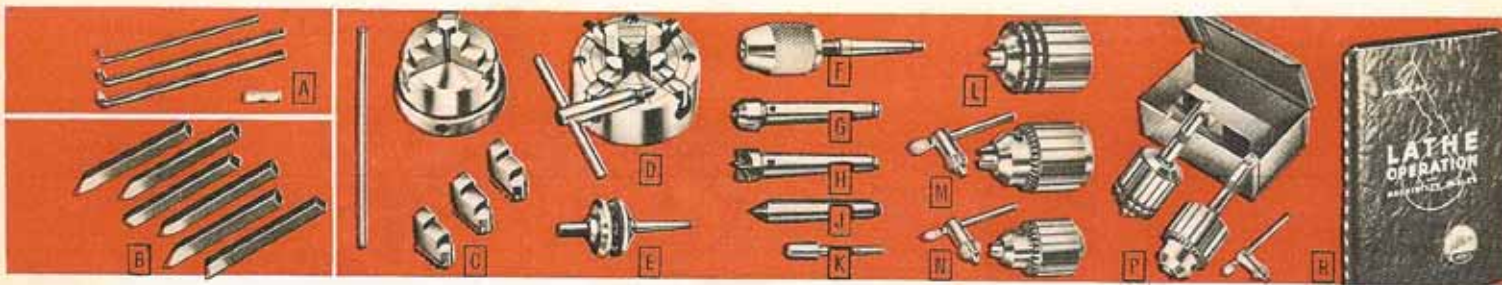
Headstock has double bearings of porous bronze; adjustable front bearing. Hardened, ground steel spindle threaded $\frac{1}{2}$ -in. x 20-thread. Forward and reverse lever; spring-operated. Removable No. 0 Morse taper centers. Tailstock may be set over for turning tapers.

Complete with accessories shown above, including two 60-degree centers, $\frac{1}{4}$ -inch tool bit, Allen wrench, $\frac{1}{2}$ -inch lathe dog, 4-inch face plate, 8 threading gears, motor pulley, machine pulley, $\frac{3}{8}$ x36-in. V-belt. Motor not included. We recommend using $\frac{1}{4}$ -H.P. 1750 R.P.M. motor 99A01974 on page 44.

99 AM 2127—Without motor. Shpg. wt. 61 lbs. . . \$47.50

SPECIFICATIONS

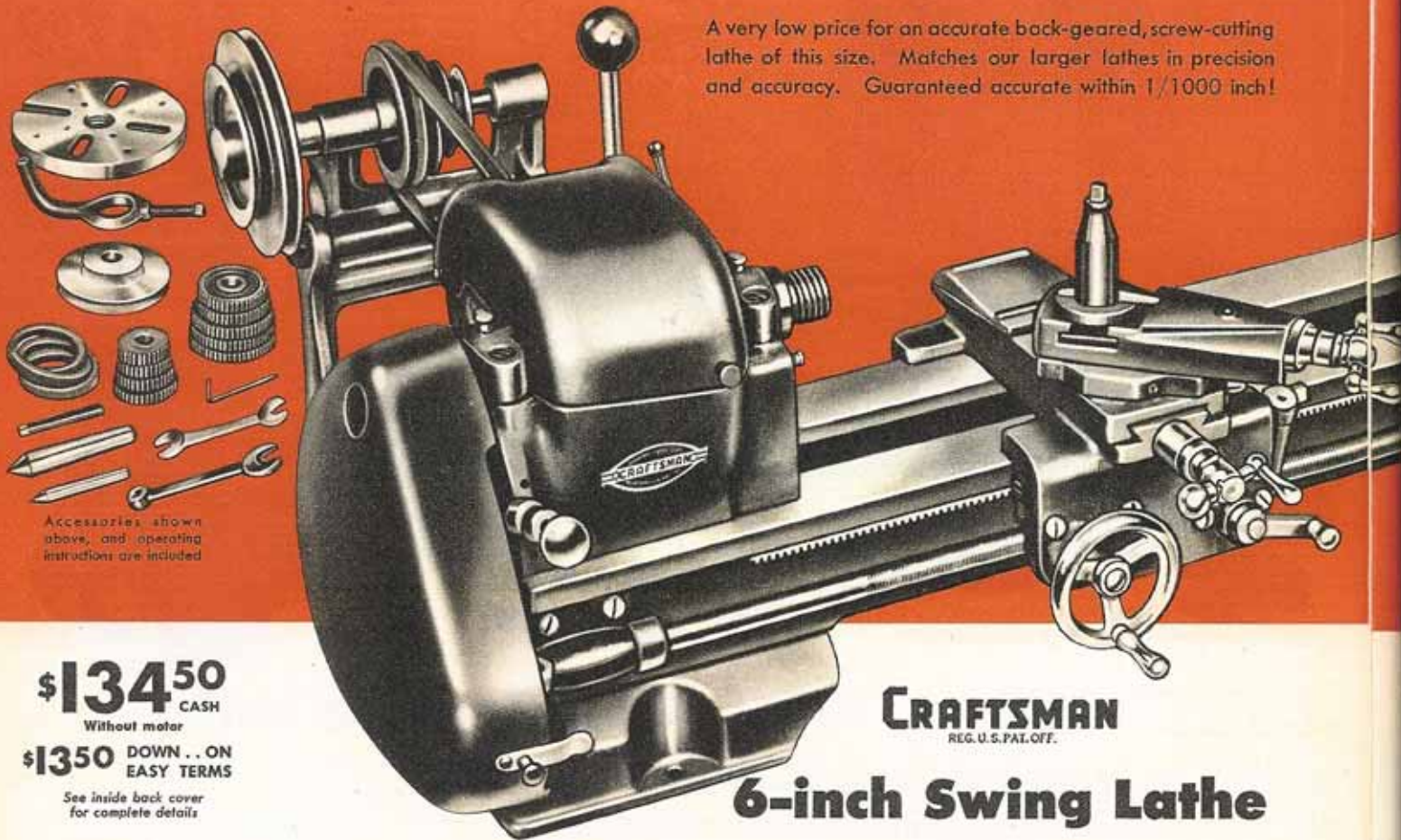
- Swing over bed..... 6 inches
- Distance between centers..... 12 $\frac{1}{2}$ inches
- Spindle: Nose size..... $\frac{1}{2}$ inch x 20 thread
- Taper..... No. 0 Morse
- Bore..... $\frac{1}{4}$ inch
- Bearings..... 2 porous bronze
- Thread range..... 8 to 96—right or left hand
- Feeds..... .0024, .0039, .0048, .0078
- Back gear ratio..... 5 to 1
- Compound rest travel..... 1 $\frac{1}{2}$ inches
- Cross slide travel..... 2 $\frac{3}{4}$ inches
- Tailstock ram travel..... 1 $\frac{1}{4}$ inches
- Tailstock set over..... $\frac{1}{4}$ inch
- Motor recommended (min.) $\frac{1}{4}$ H.P. 1750 R.P.M.
- Machine pulley (included)..... 3-step "V" type
- Motor pulley (included)..... 4-step "V" type
- Speeds..... Six: 120 to 1325 R.P.M.
- Mounting dimensions..... 21 $\frac{1}{2}$ x5 $\frac{1}{2}$ x26 $\frac{3}{4}$ inches
- Over-all dimensions..... 10 $\frac{1}{2}$ x9 $\frac{1}{2}$ x26 $\frac{3}{4}$ in.



High quality Accessories to increase the usefulness of above lathe

- A** 4-pc. Tool Post Set. Includes: $\frac{1}{4}$ and $\frac{3}{16}$ -in. boring tools; $\frac{1}{8}$ -in. threading tool; and stiffening block. High speed steel. Tools set on rocker in tool post with stiffening block over the top. Use with 99AM-2127 lathe. Shipping weight 4 oz. 9 A 2008..... \$4.49
- B** 6-piece Formed Tool Bit Set. $\frac{1}{4}$ -in. size. High speed steel; ready for use. Includes threading bit, left hand and right hand facing bits, left hand and right hand turning bits and round nose turning bit. Shpg. wt., set, 8 oz. 9 A 2205... Set \$2.25
- C** CRAFTSMAN 3-jaw Universal Lathe Chuck. Self-centering, lever-operated. Holds to tolerances within .003 inch. Steel jaws, body, scroll. Knurled rim. Fits $\frac{1}{2}$ -in. by 20-thread spindle. Two sets of jaws (outside and inside). With wrench. Diameter 3 inches. Shpg. wt. 3 lbs. 5 oz. 9 A 2296..... \$19.95
- D** CRAFTSMAN 4-jaw independent Lathe Chuck. Steel. 4 reversible jaws; especially useful for holding irregularly shaped pieces; deep jaw slots. Acme threaded. Fits $\frac{1}{2}$ -in. x 20-thread spindle. With T-handle wrench. Diameter 3 in. Shpg. wt. 2 lbs. 8 oz. 9 A 2157..... \$7.95
- E** Work Arbor. For mounting drill chucks, holding grinding, buffing, wire scratch wheels, etc. Fits 99AM2127 above, or any lathe with No. 0 Morse taper. Two flanges with nut on head end threaded $\frac{1}{2}$ -in. x 20-thread for clamping wheels. Shipping weight 8 oz. 9 A 2117..... 98c
- F** Work Arbor with Chuck. Three-jaw, screw-on type. Knurled for extra ease in handling. Tapped $\frac{1}{2}$ -inch x 20-thread; full $\frac{1}{2}$ -inch capacity. Tough, long-life hardened steel jaws center accurately; grip tightly. Work arbor has No. 0 Morse taper shank. Shpg. wt. 1 lb. 4 oz. 9 A 2276..... \$1.65
- G** Tailstock Cup Center. Replaceable point. No. 0 Morse taper shank. 9 A 2109—Shipping weight 3 ounces..... 98c
- H** Spur Center. For wood turning. No. 0 Morse taper shank. 9 A 2108—Shipping weight 3 ounces..... 98c
- J** 60-degree Center. For accurate centering. No. 0 Morse taper shank. 9 A 2103—Shipping weight 3 ounces..... 83c
- K** Jacobs Chuck Arbor. Precision ground. For 9A2142 and 9A2143 chucks (below). No. 0 Morse, No. 33 Jacobs taper. Postpaid. 9 A 2131—(Shpg. wt. 8 oz.)..... \$1.00
- L** Jacobs Center Rest Chuck. Jacobs No. 100CR. Capacity $\frac{1}{4}$ to $\frac{3}{4}$ -in. Use with No. 3 Jacobs taper arbor to support centerless armatures, etc. Postpaid. 9 A 2991—(Shpg. wt. 3 lbs. 2 oz.)... \$11.00
- M** Jacobs Chuck No. 58B. Capacity $\frac{1}{8}$ to $\frac{3}{8}$ -in. Fits 1 $\frac{1}{2}$ -in., 8-thread spindle or No. 3 Jacobs taper arbor. Postpaid. 9 A 2144—(Shpg. wt. 3 lbs. 12 oz.)... \$16.50
- N** Drill Chucks. Key-type chuck. Fits arbors with No. 33 Jacobs taper. 9 A 2142—Capacity $\frac{5}{16}$ to $\frac{1}{2}$ -inch. Postpaid. (Shpg. wt. 1 lb. 8 oz.)..... \$7.50
- 9 A 2143—Capacity 0 to $\frac{1}{2}$ -inch. Postpaid. (Shpg. wt. 2 lbs. 8 oz.)..... 8.00
- P** Jacobs Commutator Kit. Holds armature shafts. Includes: No. 75A armature driving chuck; No. 100 center rest chuck ($\frac{3}{4}$ to $\frac{1}{2}$ -in. capacity); two arbors (No. 2 Morse taper shank; No. 3 Jacobs taper head); chuck key. (Needs two 9A2133 arbors (left) to be used on above lathe.) Metal box. Postpaid. (Shpg. wt. 7 lbs. 4 oz.) 9 A 2129..... \$22.60
- R** Metal Lathe Manual. 234 pages of operations, tables, etc. Shpg. wt. 11 oz. 9 A 2925.... \$1.50

A very low price for an accurate back-gear, screw-cutting lathe of this size. Matches our larger lathes in precision and accuracy. Guaranteed accurate within 1/1000 inch!



\$134⁵⁰
CASH

Without motor

\$1350 DOWN . . ON
EASY TERMS

See inside back cover
for complete details

CRAFTSMAN
REG. U.S. PAT. OFF.

6-inch Swing Lathe

A beauty of a buy! Designed, built and priced for tool makers, model makers and hobbyists. It will give you precision performance on a wide variety of jobs.

Full 6-inch swing . . . 18 inches between centers . . . 30-inch bed. Massive, one-piece, cast semi-steel bed; precision ground. Carriage has hand wheel for manual operation and feed lever for reversible automatic power feed. Tailstock has set-over for taper turning.

Cuts 8 to 96 threads per inch, right or left hand. Back gears give 16 speeds from 54 to 3225 R.P.M. Graduated compound rest swivels 360°. Complete with 2-step motor pulley, 4-step machine pulley, 4-step countershaft, two 60-degree centers, 3/16-in. tool bit, 9 threading gears, 1/2-in. lathe dog, 3/4-in. V-belt, Allen wrench, 4-in. face plate and two wrenches.

SPECIFICATIONS:

- Swing over bed 6 inches
- Distance between centers 18 inches
- Spindle: Nose 1 inch x 8 thread
Taper No. 2 Morse
Bore 1 1/2 inch
- Spindle bearings . . . 2 porous bronze; 1 ball thrust
- Thread range 8 to 96, right or left hand
- Feeds Four: .0024, .0039, .0048 and .0078
- Back gear ratio approximately 6 1/2 to 1
- Countershaft and back gear bearings 4 porous bronze
- Swing over carriage 4 1/2 inches
- Compound rest travel 1 1/4 inches

- Cross slide travel 4 3/4 inches
- Tailstock taper No. 1 Morse
- Tailstock ram travel 1 3/4 inches
- Tailstock set-over 3/16 inch
- Motor recommended, (minimum) 1/2 H.P. 1750 R.P.M.
- Machine pulley (included) 4-step
- Motor pulley (included) 2-step
- Mounting dimensions 4 3/4 x 27 1/2 inches
- Over-all dimensions: Height 10 1/4 inches; width 21 1/4 inches; length 33 1/2 inches

Comes with instructions, and accessories shown above.
99 AM 2048—Without motor.
Shipping weight 102 pounds \$134.50



Metal Lathe Manual

A A complete, up-to-date, illustrated manual of metal lathe operations and machinists' tables. Easy-to-follow directions give you a sound, practical explanation of the construction of the metal lathe. An ideal book for students, apprentices, machinists and experienced lathe operators. Replete with actual photographs and pen and ink drawings. Each section separated by index tabs for convenience. Paper bound; spiral back, 234 pages. Shipping weight 11 ounces.

9 A 2925 \$1.50



Tool Holders

Fit 99 AM 2048 lathe above. Special drop forged steel, expertly heat treated and hardened.

- B** 9 A 2031—Threading Tool. Shpg. wt. 9 oz. \$5.15
- C** 9 A 2033—Straight Tool Holder. No bit. Shpg. wt. 4 oz. \$2.30
- D** 9 A 2034—Right Hand Tool Holder. No bit. Shpg. wt. 4 oz. \$2.30
- E** 9 A 2035—Left Hand Tool Holder. No bit. Shpg. wt. 4 oz. \$2.30
- F** 9 A 2037—Cut-off Tool. Shpg. wt. 7 oz. \$2.85
- G** 9 A 2009—Extra Cut-off blade. Wt. 4 oz. 95c
- H** 9 A 2036—Knurling Tool. Shpg. wt. 9 oz. \$5.75



Formed Tool Bit Set

H Six-piece set of 3/16-inch tool bits. High speed tool steel; ground, ready to use. Set includes threading bit, left-hand facing bit, left-hand turning bit, right-hand turning bit, right-hand facing bit, and round nose turning bit.

9 A 2043—Shpg. wt. 5 oz. \$2.20

Tool Post Set

J High speed tool steel. Tools mount directly in tool post. Set includes 4 boring bars, internal threading tool, external turning tool, and set of tool post spacers for height spacing. Shipping weight 1 pound.

9 A 2038 \$8.75



CRAFTSMAN precision made Lathe Chucks

K CRAFTSMAN 3-jaw universal type. Self-centering, lever-operated . . . only two main parts, body and scroll. Ideal for production work. Holds tolerances to within .003 in. Steel jaws; steel body and scroll. Knurled rim. Fits the 99 AM 2048 lathe above, or any 1-in. x 8-thread spindle. Diameter 4 in. Two sets of jaws; one for outside, one for inside gripping. With wrench. Shipping weight 6 pounds 5 ounces.

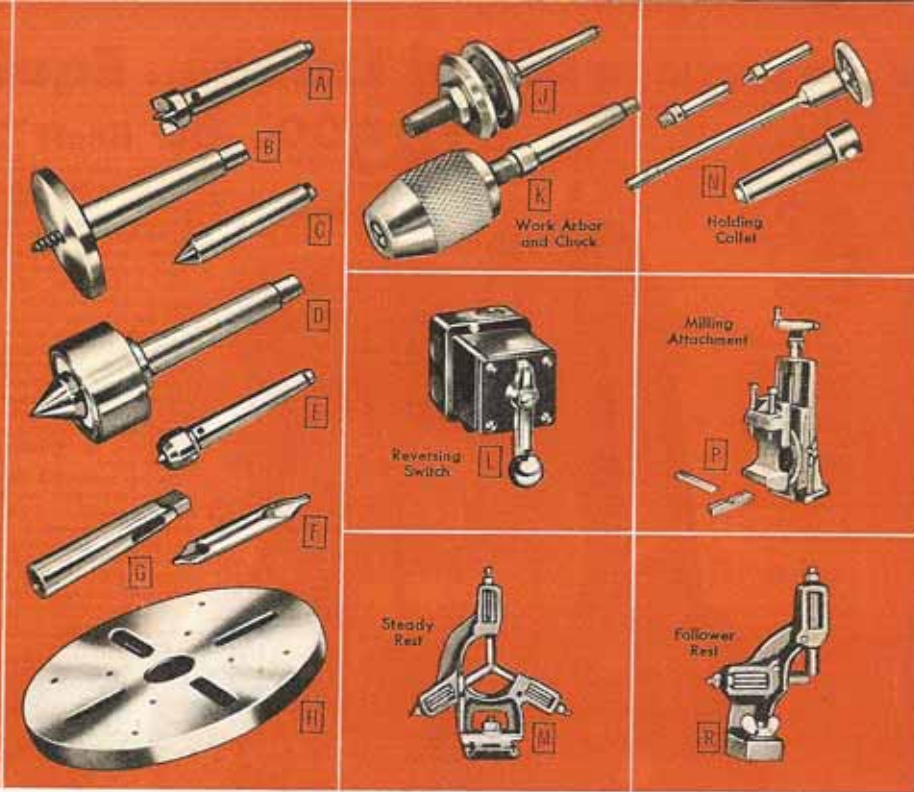
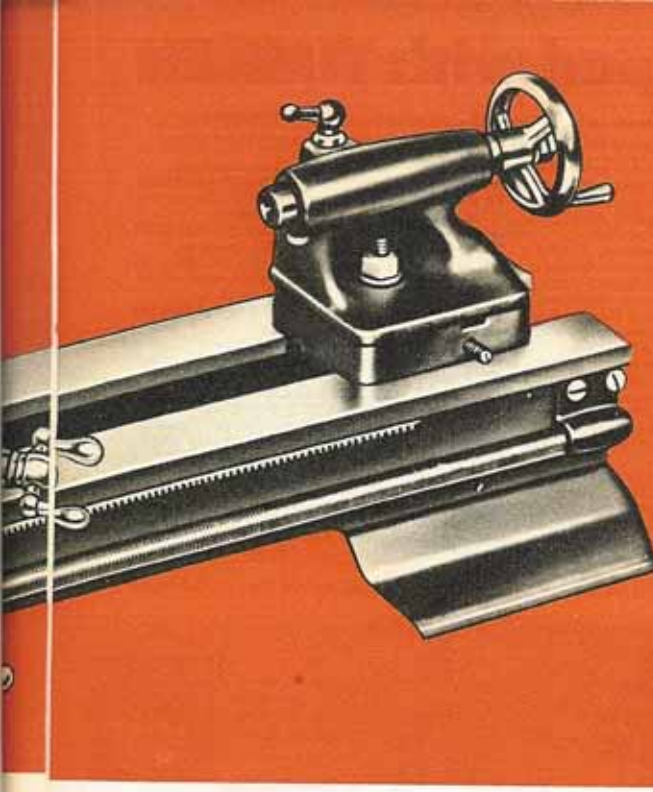
9 A 2297 \$24.25

L 3-jaw universal type. Jaws controlled by single screw and pinion gear . . . speedy gripping . . . self-centering . . . ideal for production work. Extra-strong semi-steel body casting. Special alloy metal scroll; alloy steel pinion. Alloy steel jaws. Fits the 99 AM 2048 lathe above, or any 1-in. x 8-thread spindle. 4 inch diameter. Has two sets of jaws (outside and inside). With T-handle chuck wrench. Shipping weight 5 pounds 3 ounces.

9 A 2148 \$37.50

M 4-jaw independent type. For average shop needs. Special alloy steel body has wide, deep jaw slots. Four reversible jaws work independently; increase usefulness when working on irregular shaped pieces. Large diameter jaw screw. Acme threaded. Fits 99 AM 2048 lathe above, or any 1-in. x 8-thread spindle. Diameter 4 in. With T-handle chuck wrench; fits deep seat. Shipping weight 3 pounds 12 ounces.

9 A 2138 \$9.50



Accessories for CRAFTSMAN 6-inch Swing Lathe . . . make it more useful

- A Spur Centers.** Use for wood turning. 9 A 2106—No. 1 Morse taper shank. Shipping weight 4 oz. . . . \$1.00
9 A 2107—No. 2 Morse taper shank. Shipping weight 7 oz. . . . 1.10
- B Screw Centers.** For facing and hollowing operations. Replaceable center. 9 A 2116—No. 1 Morse taper shank. Shipping weight 12 oz. . . . \$1.65
9 A 2115—No. 2 Morse taper shank. Shipping weight 14 oz. . . . 1.65
- C 60-degree Centers.** For metal turning. 9 A 2110—No. 1 Morse taper shank. Shipping weight 3 oz. . . . 80c
9 A 2111—No. 2 Morse taper shank. Shipping weight 7 oz. . . . 90c
- D Precision ball bearing 60-degree Center.** (Center point rotates on ball bearing.) For high speed operations. 9 A 2112—No. 1 Morse taper shank. Shipping weight 8 oz. . . . \$2.90
9 A 2113—No. 2 Morse taper shank. Shipping weight 8 oz. . . . 2.90

- E Tailstock Cup Centers.** Supports work in tailstock. Replaceable center point. 9 A 2100—No. 1 Morse taper shank. Shpg. wt. 3 oz. . . . \$1.00
9 A 2101—No. 2 Morse taper shank. Shpg. wt. 7 oz. . . . 1.10
- F Center Drill.** Combination drill and countersink. In 3/32 or 3/16-in. size. *State size wanted.* 9 A 2061—Shpg. wt. 1 oz. . . . 49c
- G Adapter Sleeve.** No. 2 Morse taper reduces to No. 1 Morse taper. Shpg. wt. 5 oz. . . . \$1.50
9 A 2161. . . . \$1.50
- H Face Plate.** Use for driving lathe dog and work for wood turning. 4-in. diameter. For use on 99AM2048 lathe (on opposite page) and other lathes with 1-in. 8-thread spindle. Shipping weight 3 lbs. 9 A 2470. . . . \$3.25

- J Work Arbor.** For mounting chucks and holding grinding, buffing and wire scratch wheels, etc. 3/8-in. x 20-thread. 2 steel flanges with nut on head end for clamping wheels. Morse taper shank. 9 A 2152—No. 2 Morse taper shank. Shipping weight 11 ounces. . . . \$1.10
9 A 2153—No. 1 Morse taper shank. Shipping weight 9 ounces. . . . \$1.00
- K Work Arbor with Chuck.** 3-jaw, screw-on type chuck, tapped 3/8-in. x 20-thread; 3/8-in. capacity. Work arbor has Morse taper on shank end. 9 A 2247—No. 2 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces. . . . \$2.00
9 A 2234—No. 1 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces. . . . 1.90
- L Reversing Switch.** Reverses motor and spindle direction in grinding, polishing, tapping, wood or metal finishing. Not for repulsion-induction motors. 9 A 2982—Shipping weight 1 lb. 9 oz. . . . \$5.75
- M Steady Rest.** Base clamps securely to bed ways. Gives added support needed when turning long pieces. Handles diameters up to 2 3/8 inches. 9 A 2041—Shipping weight 3 lbs. 4 oz. . . . \$6.50

- N Holding Collet.** This attachment fits in the headstock spindle; will hold threaded-hole angular milling cutters, keyway cutters and 1/2-in. end mills. Shipping weight 1 lb. 10 oz. 9 A 2059. . . . \$9.75
- P Milling Attachment.** Has graduated swivel vise, flat block and V-block for holding cylindrical objects. Vise capacity 2 inches; vertical feed 1 3/4 inches. Graduated angular swivel. Shipping weight 8 lbs. 12 oz. 9 A 2057. . . . \$24.50
- R Follower Rest.** Mounts on back of carriage dovetail slide . . . moves with cutting tool to provide support needed to prevent deflection when turning long, slender work. Shipping weight 1 pound 9 ounces. 9 A 2042. . . . \$4.75



Accessories for 6-inch Swing Lathe

- S Mica Undercutter.** For reconditioning armatures. Mounts on carriage cross slide. With 110-120 volt 25-60 cycle A.C. or D.C. motor. Cord, switch, and 5 high speed saws included (.015, .020, .025, .030, .035 in.). 9 A 1518F—Shipping wt. 9 lbs. . . . \$44.00
9 A 1519F—Set of 10 High Speed Saws. 2 of each of above. Shpg. wt. 2 oz. . . . \$5.10
- T Boring Tool Holder.** With clamp ring, V-block, plain block, and 3/4-in. high speed boring tool. Slots hold boring tools of 3/16, 1/8, 3/16 and 1/4-in. diameter. 9 A 1515F—Shipping wt. 1 lb. . . . \$4.95
Accessories S, T, U, V, W, X, shipped from factory in southern Michigan.

- U Taper Attachment.** Slotted draw bar connects to carriage cross slide and feeds tool at desired taper. Index plate graduated 7° and 3 in. both sides of center line. Maximum travel, one setting, 7 3/4 in. Range, right or left, 7° (2 1/4 in. per foot). 9 A 1516F—Shpg. wt. 4 lbs. 8 oz. . . . \$25.45
- V Clamp Dog.** Handles square, rectangular, hexagonal, round work. Jaws open 2 3/4 in. 9 A 1512F—Shipping wt. 1 lb. . . . \$6.25
- W Cross Slide Stop.** Clamps to cross slide dovetail for making duplicate cuts. 9 A 1517F—Shipping wt. 8 oz. . . . \$4.15
- X Carriage Stop.** Clamps to bedway to indicate carriage stopping point. 9 A 2185F—Shipping wt. 1 lb. . . . \$5.75

\$49.50
CASH
Without motor
\$5.00
DOWN
ON TERMS



CRAFTSMAN "80" Power Hack Saw

Cuts accurately unattended! Draw-cut type; automatic relieving mechanism lifts blade from work on back stroke. Saws iron, steel, brass, aluminum, etc. 5-in. stroke; 60 strokes per minute, at 400 R.P.M. Heavy cast iron vise; quick locking. Cast semi-steel slide and arm. Cone type arm pivot; adjustable. Takes any standard 12-inch power hack saw blade (one included).

SPECIFICATIONS:

- Capacity, maximum 4x4 inches
- Angle cuts 90 to 45 degrees
- Bearings porous bronze
- Machine pulley (included) 6 1/2-in.
- Motor pulley (not included) 1 1/2-in.
- Motor recommended, min. 1/2 H.P.
- Base size 6x24 inches
- Mounting dimensions 5 1/2 x 19 1/2 in.
- 99 A M2294—Without motor, motor pulley, or V-belt. Shpg. wt. 60 lbs. \$49.50
- 99 A M2282—With 1/2-H.P. 1750 R.P.M. split phase bronze bearing motor for 110-120 volt 60-cycle AC; 1 1/2-in. motor pulley, 3/8-in. V-belt. Wt. 87 lbs. \$65.50
- CRAFTSMAN 12-inch Power Hack Saw Blades. Made of special tool steel. 3/8-in. wide. 14 or 18 teeth per inch. *State choice of teeth per inch.*
- 9 A 6582—Shipping weight 3 ounces. 2 for \$1.19

CRAFTSMAN Metal Lathe . . Equipped with TIMKEN

REG. U.S. PAT. OFF.

\$245⁰⁰
CASH

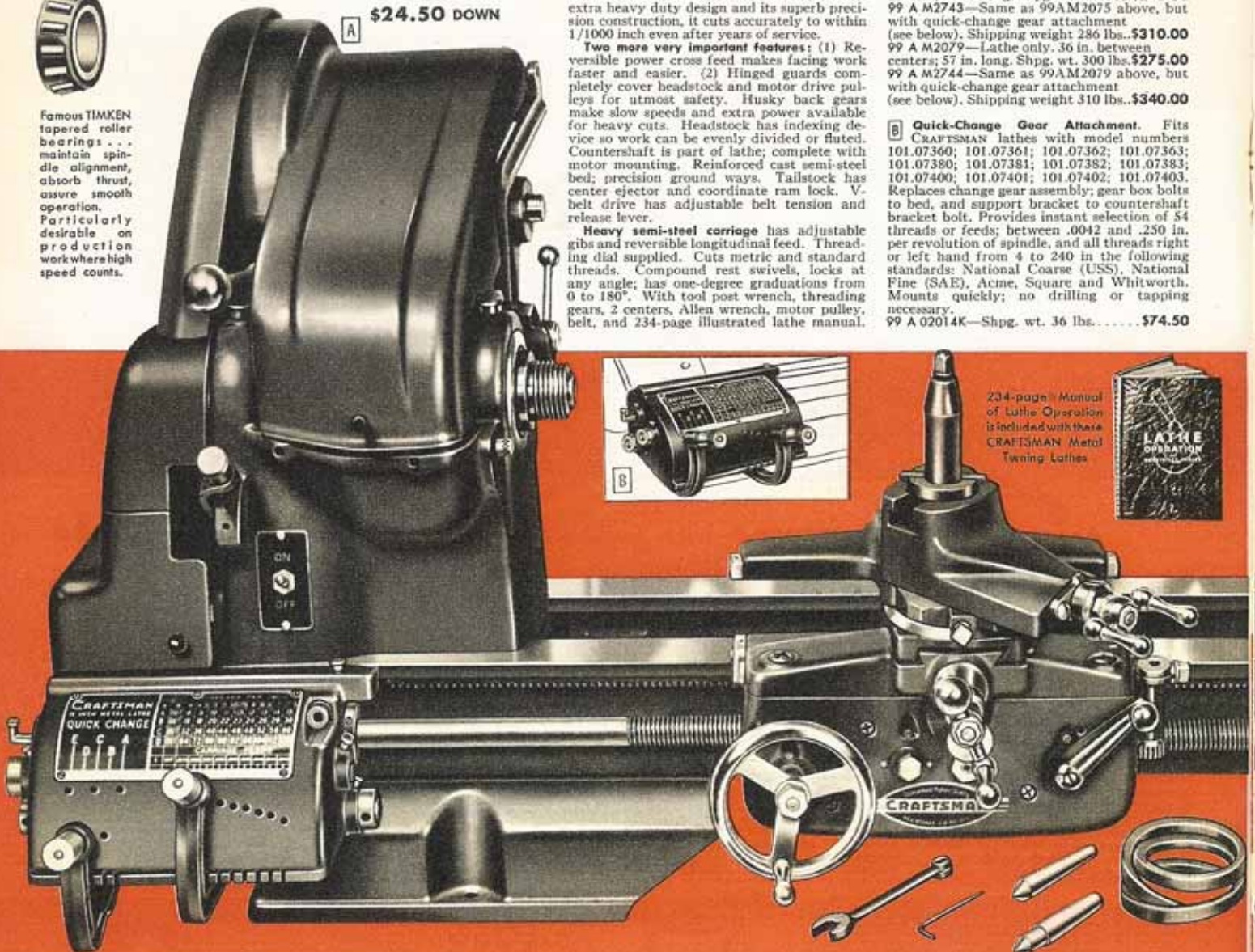
99 A M2075

\$24.50 DOWN

Our finest • Back-gear, screw cutting and gearfeed accurate to 1/1000 inch.
• Built to meet the requirements of master craftsmen and industrial shops.



Famous TIMKEN tapered roller bearings . . . maintain spindle alignment, absorb thrust, assure smooth operation. Particularly desirable on production work where high speed counts.



A This great CRAFTSMAN Lathe is by far the finest we have ever sold. Because of its extra heavy duty design and its superb precision construction, it cuts accurately to within 1/1000 inch even after years of service.

Two more very important features: (1) Reversible power cross feed makes facing work faster and easier. (2) Hinged guards completely cover headstock and motor drive pulleys for utmost safety. Husky back gears make slow speeds and extra power available for heavy cuts. Headstock has indexing device so work can be evenly divided or fluted. Countershaft is part of lathe; complete with motor mounting. Reinforced cast semi-steel bed; precision ground ways. Tailstock has center ejector and coordinate ram lock. V-belt drive has adjustable belt tension and release lever.

Heavy semi-steel carriage has adjustable gibs and reversible longitudinal feed. Threading dial supplied. Cuts metric and standard threads. Compound rest swivels, locks at any angle; has one-degree graduations from 0 to 180°. With tool post wrench, threading gears, 2 centers, Allen wrench, motor pulley, belt, and 234-page illustrated lathe manual.

99 A M2075—Lathe only. 24 in. between centers; 45 in. long. Shpg. wt. 280 lbs. **\$245.00**
99 A M2743—Same as 99AM2075 above, but with quick-change gear attachment (see below). Shipping weight 286 lbs. **\$310.00**
99 A M2079—Lathe only. 36 in. between centers; 57 in. long. Shpg. wt. 300 lbs. **\$275.00**
99 A M2744—Same as 99AM2079 above, but with quick-change gear attachment (see below). Shipping weight 310 lbs. **\$340.00**

B Quick-Change Gear Attachment. Fits CRAFTSMAN lathes with model numbers 101.07360; 101.07361; 101.07362; 101.07363; 101.07380; 101.07381; 101.07382; 101.07383; 101.07400; 101.07401; 101.07402; 101.07403. Replaces change gear assembly; gear box bolts to bed, and support bracket to countershaft bracket bolt. Provides instant selection of 54 threads or feeds; between .0042 and .250 in. per revolution of spindle, and all threads right or left hand from 4 to 240 in the following standards: National Coarse (USS), National Fine (SAE), Acme, Square and Whitworth. Mounts quickly; no drilling or tapping necessary.
99 A 02014K—Shpg. wt. 36 lbs. **\$74.50**



234-page Manual of Lathe Operation is included with these CRAFTSMAN Metal Turning Lathes



High-Quality Accessories for the CRAFTSMAN Metal-Turning Lathe Above

- L** **Tool Holders.** Steel forgings. Shanks 3/4-in. high; 3/4-in. wide.
(C) 9 A 2194—Offset, left. Wt. 10 oz. **\$2.40**
(D) 9 A 2192—Offset, right. Wt. 10 oz. **\$2.40**
(E) 9 A 2196—Straight. Wt. 10 oz. **2.40**
(F) 9 A 2198—Threading. Wt. 10 oz. **4.98**
(G) 9 A 2200—Cut-off. Wt. 10 oz. **3.15**
(H) 9 A 2238—Extra blade. Wt. 4 oz. **90c**
(H) 9 A 2202—Knurling tool. Wt. 10 oz. **5.95**
- J** **Six Formed Tool Bits.** 3/4-in. Fit holders above. Threading, left hand facing, right hand facing, round nose turning, right hand turning, and left hand turning bits.
9 A 2205—Shpg. wt. 8 oz. **\$2.25**
- K** **Tool Post Set.** Includes 4 boring tools (3/16, 3/8, 1/2, and 5/8 inch); 3/4-inch inside threading tool; 3/4-inch turning tool; 3/8-inch threading tool; set of tool post spacers.
9 A 2189—Shpg. wt. 1 lb. 1 oz. **\$9.25**
- L** **Face Plates.** Excellent for work which cannot be machined on center or in chuck and must be turned on spindle with face plate.
For lathe with 1 1/2-in. 8-thread spindle.
9 A 2471—4-in. Shpg. wt. 3 lbs. **\$3.20**
9 A 2475—8-in. Shpg. wt. 6 lbs. **\$5.60**
For lathes with 1-in. 8-thread spindle.
9 A 2470—4-in. Shpg. wt. 3 lbs. **\$3.25**
For lathes with 3/4-in. 16-thread spindle.
9 A 2473—8-in. Shpg. wt. 6 lbs. **5.25**
- M** **Lathe Dog.** Malleable iron. 3/4, 3/8, 1 or 1 1/2 in. size. State size wanted.
9 A 2078—Shpg. wt. 14 oz. **.45c**
- N** **Lathe Dog.** Forged steel. Heat treated set screw. Shpg. wt., each, 1 lb.
9 A 2183—State size wanted.
3/4-inch. **.98c** 1-inch. **\$1.10**
3/4-inch. **\$1.05** 1 1/2-inch. **1.25**
- P** **Micrometer Carriage Stop.** Has adjustable micrometer stop for stopping carriage in boring or facing to a given depth, duplicating longitudinal cuts, etc. Clamps on bed way. Shipping weight 1 lb.
9 A 2185 **\$5.75**
- R** **Mica Undercutter.** Screw feed regulates height of cutter and carriage feed moves cutter into commutator slot. With motor, switch, cord, set of 5 undercutting saws. For 110-120 volt 25-60 cycle A.C. or D.C. Shpg. wt. 11 lbs.
9 A 2989 **\$46.50**
- S** **CRAFTSMAN 4-Jaw Independent Chuck.** Four reversible jaws work independently. Acme threaded. T-handle chuck wrench.
9 A 2139—Fits 1 1/2-in. 8-thread spindle. Diameter 6 in. Shpg. wt. 9 lbs. 10 oz. **\$15.95**
99 A 02141K—Fits 1 1/2-in. 8-thread spindle. Diameter 8 in. Shpg. wt. 25 lbs. **26.95**
- T** **CRAFTSMAN 3-jaw Universal Chuck.** Two sets of jaws; one for outside and one for inside gripping. Wrench included.
9 A 2298—Fits 1 1/2-in. by 8-thread spindle. Diameter 5 in. Shpg. wt. 10 lbs. **\$28.95**
99 A 02299—Fits 1 1/2-in. by 8-thread spindle. Diameter 6 inches. Shpg. wt. 15 lbs. **37.50**
- U** **CRAFTSMAN 3-jaw Universal Chuck.** Pinion gear type. Two sets of jaws (outside and inside). Square socket chuck wrench included.
9 A 2150—Fits 1 1/2-in. by 8-thread spindle. Diameter 5 in. Shpg. wt. 6 lbs. 11 oz. **\$39.95**

Accessories shown on these two pages can be used on above Lathe, and also on our previous models 2065, 2067, 2069, 2071, 2073 and 2077

roller bearings

SPECIFICATIONS:

99 AM 2075

99 AM 2079

• Swing over bed	12 3/4 inches	12 3/4 inches
• Distance between centers	24 inches	36 inches
• Spindle, Nose size	1 1/2 in.; 8 thread	1 1/2 in.; 8 thread
• Taper	No. 2 Morse	No. 2 Morse
• Bore	2 3/8 inch	2 3/8 inch
• Spindle bearing	2 Timken roller	2 Timken roller
• Thread range	4 to 96 R.H. or L.H.	4 to 96 R.H. or L.H.
• Feeds	Five: .0024; .0035; .005; .0071; and .0087	
• Back gear ratio	Approx. 6 to 1	Approx. 6 to 1
• Countershaft and back gear bearings	4 porous bronze	4 porous bronze
• Swing over carriage	8 3/4 inches	8 3/4 inches
• Compound rest travel	2 9/16 inches	2 9/16 inches
• Cross feed	Reversible; power feed	Reversible; power feed
• Tailstock taper	No. 2 Morse taper	No. 2 Morse taper
• Tailstock set over	3/4 inch	3/4 inch
• Machine pulley (included)	6-inch 4-step	6-inch 4-step
• Motor pulley (included)	4 1/2-inch 2-step	4 1/2-inch 2-step
• Speeds	28 to 2072 R.P.M.	28 to 2072 R.P.M.
• Motor recommended (minimum)	1/4 H.P. 1750 R.P.M.	1/4 H.P. 1750 R.P.M.
• Over-all dimensions	Height 20 inches	20 inches
	Width 25 1/2 inches	25 1/2 inches
	Length 45 inches	57 inches



Lathe Accessories . . Tool Post Grinder

A Holding Collet. For use on straight shank milling cutters. With two arbors; one to take threaded hole angular cutters, etc. Hand wheel. Wt. 2 lbs. 8 oz.
9 A 2994.....\$10.85

9 A 2985—Four bushings for use with 1/4, 3/8, 3/4, and 7/8 inch end mills.
Shpg. wt. 4 oz.\$2.45

B Taper Attachment. Eliminates moving tailstock out of alignment. Cuts duplicate tapers on pieces of different lengths. Does internal boring and external work easily. The index plate is graduated 7 degrees and 3 inches both sides of center line; equals 2 3/8-in. taper per foot. Wt. 11 lbs.
9 A 2984.....\$27.50

C Milling Attachment. Has graduated swivel vise, flat block and V-block for holding cylindrical objects. Vise capacity 2 3/8-in. Vertical feed 3 3/4-in. Cross feed 5-in. Graduated micrometer feed screw. Wt. 18 lbs.
99 A 02987.....\$28.95

D Follower Rest. Mounts on back of carriage dovetail slide; provides support for more accuracy on long work.
9 A 2988—Shipping weight 3 lbs. 4 oz.\$6.25

E Steady Rest. Clamps to bed ways. Gives needed support for turning long pieces. Handles diameter to 2 3/4-in. Complete with extra jaws.
9 A 2050—Shipping weight 6 lbs. 6 oz.\$8.95

F Reversing Switch. Not for repulsion-induction motors. For 99AM2048 (page 24), 99AM2075 and 99AM2079 (page 26).
9 A 2982—Shipping weight 1 lb. 9 oz.\$5.75

G Universal Tool Post Grinder. Mounts on tool post slide of compound rest. 2 speeds; 2900, 9100 R.P.M. With 1/4-H.P. 3450-R.P.M. ball bearing motor (110-volt 60-cycle A.C.), external and internal grinding wheels, quill, diamond wheel dresser. Shipped from factory in central Michigan.
99 A 2998F—Shipping weight 60 lbs.\$89.95

Grinding Wheels (not shown) for Universal Tool Post Grinder 99A2998F listed above. Medium grit.

9 A 1501F—External Wheel for steel, 3/8-in. thick; 4-in. diameter. Shipping weight 1 lb.\$2.60

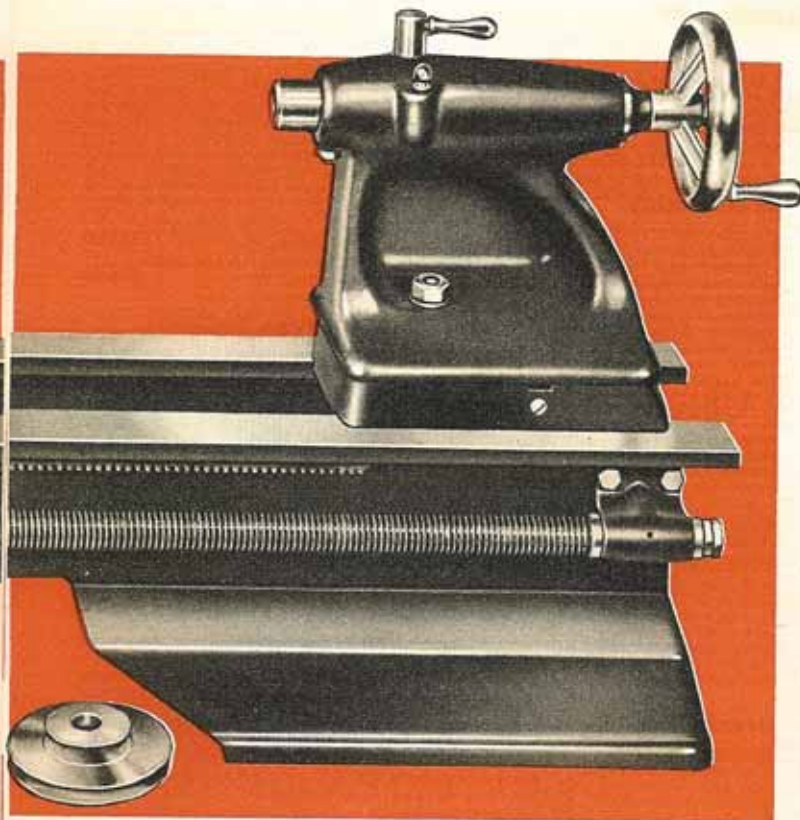
9 A 1502F—External Wheel for cast iron, 3/8-in. thick; 4-in. diameter. Shipping weight 1 lb.\$2.60

9 A 1503F—Internal Wheel. Grind to depth of 2 3/4-in. 3/4-in. diameter. Shipping weight 2 oz.\$1.20

9 A 1504F—Internal Wheel. Grind to depth of 2 3/4-in. 3/4-in. diameter. Shipping weight 3 oz.\$1.20

9 A 1505F—Internal Wheel. Grind to depth of 2 3/4-in. 3/4-in. diameter. Shipping weight 3 oz.\$1.25

9 A 1506F—Internal Wheel. Grind to depth of 2 3/4-in. 1-in. diameter. Shipping weight 3 oz.\$1.40



Lathe Centers and other Accessories

S Spur Center. Use for wood turning. No. 2 Morse taper.
9 A 2107—Wt. 7 oz. \$1.10

T Screw Center. Use for facing and hollowing. Replaceable center. No. 2 Morse taper.
9 A 2115—Wt. 14 oz. \$1.65

U Precision ball bearing 60-degree Center. For high speeds. Center point rotates on ball bearing. No. 2 Morse taper.
9 A 2113—Wt. 8 oz. \$2.90

V 60-degree Center. Precision ground. No. 2 Morse taper.
9 A 2111—Wt. 7 oz. \$2.90

W Tailstock Cup Center. Supports work. Ground and hardened steel. Replaceable center point. No. 2 Morse taper.
9 A 2101—Wt. 7 oz. \$1.10

X Crotch Center. Centers round work in tailstock for cross drilling. V-slot is precision machined. No. 2 Morse taper.
9 A 2114—Wt. 1 lb. \$1.65

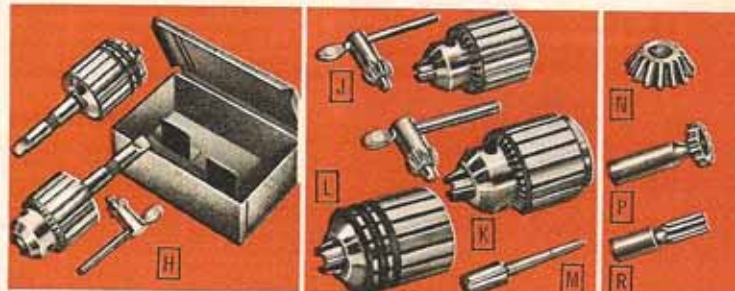
Y Drill Pad. Used in tailstock for support when drilling flat or square work. Diam. of face is 3 1/2 in. No. 2 Morse taper. Wt. 1 lb. 2 oz.
9 A 2187.....\$1.45

Z Center Drill. Tempered steel. In 3/32 or 1/4-in. size. State size.
9 A 2061—Wt. 1 oz. \$49c

AA Adapter Sleeve. To reduce from No. 2 to No. 1 Morse taper. Shpg. wt. 5 oz.
9 A 2161.....\$1.50

BB Work Arbor. 1/2-in. x 20 thread. No. 2 Morse taper.
9A2152—Wt. 11 oz. \$1.10

CC Work Arbor with Chuck. 3-jaw; tapped 1/2-in. x 20 thread. 1/2-in. capacity. No. 2 Morse taper. Wt. 1 lb. 8 oz.
9 A 2247.....\$2.00



Jacobs Chucks and Milling Cutters

H Jacobs Commutator Kit. To hold armature shafts during reconditioning. Includes: No. 75A armature driving chuck; No. 100 center rest chuck (1/4 to 3/4-in. capacity); two arbors (No. 2 Morse taper, shank end; No. 3 Jacobs taper, head end); chuck key. In metal box.
9 A 2129—Postpaid (Shpg. wt. 7 lbs. 4 oz.).....\$22.60

J Jacobs Drill Chucks. For No. 33 Jacobs taper arbor.
9 A 2142—Jacobs No. 33 key-type chuck. Capacity 1/4 to 1/2-in. Postpaid (Shpg. wt. 1 lb. 8 oz.).....\$7.50
9 A 2143—Jacobs No. 6A-33 key-type chuck. Capacity 0 to 1/2 inch. Postpaid (Shpg. wt. 2 lbs. 8 oz.)..... 8.00

K Jacobs Headstock Chucks. Nationally famous.
9 A 2144—Jacobs No. 58B, 1/2 to 3/4 inch. Fits 1 1/2-in. 8-thread spindle. Use with No. 3 Jacobs taper arbor. Postpaid (Shpg. wt. 3 lbs. 12 oz.).....\$16.50
9 A 2121—Jacobs No. 59B, 3/8 to 1/2 inch. Fits only 1 1/2-in. 8-thread spindle. Can't be used with an arbor. Postpaid (Shpg. wt. 5 lbs. 8 oz.).....\$19.75

L Jacobs Center Rest Chuck. Jacobs No. 100CR. Cap. 1/4 to 3/4 in. Use with No. 3 Jacobs taper arbor.
9 A 2991—Postpaid (Shpg. wt. 3 lbs. 2 oz.).....\$11.00

M Jacobs Chuck Arbors. Precision ground. Accurate. Postpaid (Shipping weight each 14 ounces).
9 A 2124—To fit 9A2142 and 9A2143 chucks above. No. 2 Morse taper and No. 33 Jacobs taper.....\$1.00
9 A 2126—To fit 9A2129, 9A2144 and 9A2991 Jacobs chucks above. No. 2 Morse taper and No. 3 Jacobs taper.....\$1.00

Jacobs Chuck Keys (Not illustrated).
9 A 2054—Jacobs No. 32 key. Fits following Jacobs chucks: Nos. 32, 32B, 32BB, 33, 33B, 33BB, 9, 11, 11N, 58L. Postpaid (Shpg. wt. 7 oz.)..... 50c
9 A 2052—Jacobs No. 3 key. Fits Jacobs chucks: Nos. 3, 3A, 3B, 3AE, 6, 6A-2A, 6A-33, 6B, 6AE, 14, 14N, 34, 34B, 54B, 55B, 56B, 58B, 75A. Postpaid. (Wt. 10 oz.)..... 55c
9 A 2053—Jacobs No. 4 key. Fits Jacobs chucks: Nos. 4, 16, 16N, 18, 18N, 36, 36B, 59B. Postpaid. (Wt. 12 oz.).....80c

N Angular Face Milling Cutters. For face milling or dovetailing. Use with threaded adapters supplied with 9A2994 (at top of page). Shpg. wt. each 3 oz.
9 A 2995F—State size.

Diam.	Thick	Hole	Price
1 1/4 in.	1 1/8 in.	3/8 in.	\$6.95
1 1/2 in.	1 1/8 in.	1/2 in.	7.95

P Wood-ruff Keyway Cutters. Well made; ground. 1/2-in. shank. Shpg. wt. each 4 oz. State size.

Diam.	Thick	9A2996F
1/8 in.	1/8 in.	\$3.75
3/8 in.	3/8 in.	3.98
1 in.	3/4 in.	4.98
1 1/8 in.	3/4 in.	5.75
1 1/2 in.	3/4 in.	6.50

R R.H. Cut, R.H. Spiral End Mills. Used with 9A2994 and 9A2985 (at top of page). Shpg. wt. each 3 oz. State size.

Diam.	Flute	9A2997F
1/8 in.	3/8 in.	\$2.49
3/8 in.	1 1/8 in.	2.59
3/8 in.	3/4 in.	2.79
1/2 in.	3/4 in.	2.98
1/2 in.	1 1/8 in.	3.25

Items above shipped from factory in central Michigan



Convert your 12-in. Lathe to a Turret Lathe!

CRAFTSMAN Feed Lever

A For use on CRAFTSMAN 12-inch Metal Lathes 99AM2075, 99AM2743, 99AM2079, and 99AM2744 on pages 26 and 27. Helps cut operating costs . . . speeds up all cross-carriage turret action. Install in place of standard screw feed. With connections. (See shipping notice at bottom of page.)
9 A 1587F—Shipping weight 8 pounds. **\$11.50**

CRAFTSMAN Cross Slide Turret Assembly

B For use on CRAFTSMAN 12-inch Metal Lathes 99AM2075, 99AM2743, 99AM2079, and 99AM2744 on pages 26 and 27. Consists of Four-Way Tool Post Turret 9A1589F and Back Slide Tool Post 9A1590F, mounted on Double Tool Cross Slide 9A1588F (also sold separately below). Operated by standard hand feed or power cross feed of lathe. Turret heads place each tool in any one of four operating positions *instantly*. Back Slide Tool Post permits a fifth operation. Depth of cuts controlled by adjustable stops. We recommend 9A1591F "Multi-Stop" Attachment (not included—see below) for quickly gauging length of cut. (See shipping notice at bottom of page.)
99 A 1588KF—Shipping weight 28 lbs. **Complete \$85.00**

C CRAFTSMAN Four-Way Tool Post Turret only. Can be released by convenient lock handle, and rotated quickly and easily to any one of four operating positions, automatically indexed. (See shipping notice at bottom of page.)
9 A 1589F—Shipping weight 9 lbs. **\$45.00**

D CRAFTSMAN Back Slide Tool Post only. Permits a fifth operation, when used with 9A1589F Four-Way Turret above. Tool posts take 3/8-in. cutter bits (not included). (See shipping notice at bottom of page.)
9 A 1590F—Shipping weight 5 lbs. **\$13.00**

E CRAFTSMAN Double Tool Cross Slide only. Replaces standard compound rest assembly; adapts turret to carriage cross slide dovetails. Adjustable stops at front and back; may be set to indicate correct depths of cut. (See shipping notice.)
9 A 1588F—Shipping weight 10 lbs. **\$27.00**

CRAFTSMAN "Multi-Stop" Attachment

F For use on CRAFTSMAN 12-inch Metal Lathes 99AM2075, 99AM2743, 99AM2079, and 99AM2744 on pages 26 and 27. Recommended for gauging length of each cut quickly and accurately. Mounts on front bed way near headstock of lathe. With mounting bracket and 6 adjustable stop screws. (See shipping notice at bottom of page.)
9 A 1591F—Shipping weight 3 lbs. **\$21.25**

CRAFTSMAN Tailstock Turret

G For use on CRAFTSMAN 12-inch Metal Lathes 99AM2075, 99AM2743, 99AM2079, and 99AM2744 on pages 26 and 27. Semi-automatic indexing head has six 3/4-inch holes for tool holders; each permits a separate operation. Turret head unlocks by moving quick-acting hand-feed lever to extreme right so next tool may be positioned accurately and quickly. Turret head locks in position by advancing hand-feed lever. Indexes automatically by six adjustable stop screws at end of feed ram. Turret travel, 3 7/16 inches. (See shipping notice.)
99 AM 1593F—3/4-in. finish bored. Complete with special tailstock, lever feed, stops. Shpg. wt. 39 lbs. **\$82.50**
99 AM 1594F—Unbored. Complete with special tailstock, lever feed, stops. Shpg. wt. 39 lbs. **\$75.50**

CRAFTSMAN Lever-type Tailstock

H For use on CRAFTSMAN 12-inch Metal Lathes 99AM2075, 99AM2743, 99AM2079, and 99AM2744 on pages 26 and 27. Speeds up any single production operation from tailstock of lathe. Convenient hand-feed lever advances ram to work *instantly*. Depth of cut accurately controlled by adjusting stop collar. Travel of ram, 3 3/4 in. Diameter of ram, 1 3/8 in. Ram bored for No. 2 Morse taper. Ram graduations: 0 to 3 in. by 16ths of an inch. Set-over, forward or back, 3/4 inch. (See shipping notice at bottom of page.)
99 A 1592KF—Shipping weight 29 lbs. **\$33.00**

CRAFTSMAN heavy duty Bed Turret

J For CRAFTSMAN 12-in. Metal Lathes 99AM2075, 99AM2743, 99AM2079, and 99AM2744 (pages 26 and 27). Six tool positions, 6 1/2-in. working travel, 4-in. tool clearance over ram, and 2 1/2-in. minimum working stroke give extra-large capacity. Bed and ram are extra-heavy, gray iron castings; provide rigidity for taking heavy cuts. For long work, stock up to 3/4-in. wide can be passed through turret head. Precision-ground ways; 3/8 x 3/8-in. thick; both sides gibbed for take-up. Head indexes automatically clockwise; may be moved in either direction; lock handle stays in position. Speed wrench included. (See shipping notice below.)
99 A M1595F—With head finish bored for 1-in. tool shanks (installed on CRAFTSMAN 17-in. metal lathe when ordered from factory). Shpg. wt. 110 lbs. **\$237.50**
99 A M1586F—With head rough bored to 3/4 in. (Head must be finish bored on lathe with which it is to be used.) Shipping weight 110 lbs. **\$237.50**



G \$8250 CASH
3/4-in. finish bored
\$8.50 DOWN

H \$3300 CASH
\$3.50 DOWN



K \$4600 CASH
99 A M1598F
\$5.00 DOWN

New! CRAFTSMAN Lathe Table

REG. U.S. PAT. OFF.

K Specially designed to provide an extra-strong, rigid support for your CRAFTSMAN 12-inch Metal Turning Lathe. Enables you to do more accurate work. Legs are heavy gray iron castings, thickly ribbed and cross-braced. Legs alone weigh 95 pounds. Thick, sturdy table top of thoroughly seasoned, shellacked, and varnished hardwood. Lathe mounts with each leg directly over a floor leg, securely anchored. Large bottom board is convenient for holding tools and accessories. Over-all height 33 3/4 inches. Shipped freight or express. (See shipping notice below.)
99 A M1598F—For CRAFTSMAN 12-inch Metal Turning Lathes 99AM2075 and 99AM2743 (listed and described on pages 26 and 27). Shipping weight 166 lbs. **\$46.00**
99 A M1599F—For CRAFTSMAN 12-inch Metal Turning Lathes 99AM2079 and 99AM2744 (listed and described on pages 26 and 27). Shipping weight 176 lbs. **49.50**

Additional Accessories for CRAFTSMAN 12-inch Metal Lathe

L Angle Plate. Simplifies off-center work and machining of odd-shaped pieces. Bolt to face plate. Horizontal face 6x4 3/8 x 3/8 in.; vertical face 6x2 3/8 x 3/8 in. (See shipping notice below.) Shpg. wt. 10 lbs.
9 A 1509F **\$6.90**

M Clamp-type Dog. For holding square, rectangular, hexagonal, or round work. Clamp bars are forged steel; screws heat treated. Opens to 2 1/4 in. (See shipping notice.)
9 A 1512F—Wt. 1 lb. **\$5.80**

N Draw-in Collet Chuck Attachment. For extreme accuracy in chucking work from 1/32 to 3/8-in. diam. Used for making precision tools, instruments, gauges, small parts. Consists of hollow draw-in spindle with hand-wheel control, tapered closing sleeve. Rods pass through lathe spindle; handwheel releases, tightens collet on work. Lathe must be stopped to open and close collet. Split holding collet not included. (See shipping notice below.)
9 A 1507F—Shpg. wt. 3 lbs. **\$23.75**
9 A 1508F—Split Holding Collet for round work. Diam. 1/2 to 3/4-in. by 32nds. State diameter wanted. Shpg. wt. 4 oz. Each **\$5.75**

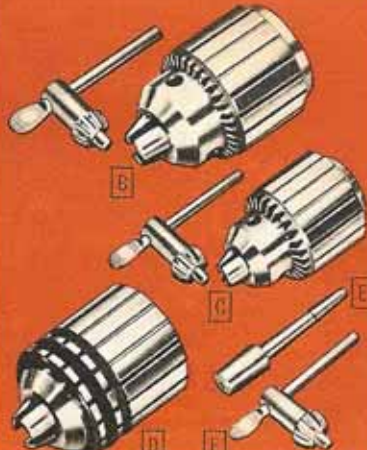
P Boring Tool Holder. Complete with clamp ring (1 3/8-in. outside diameter, 1 1/16-in. inside diameter); V-block; plain block; and one 3/8-in. high-speed boring tool. Clamp ring has 3 slots to hold 3/16, 1/4, 5/16, and 3/8-in. diameter tools. (See shipping notice below.)
9 A 1511F—Shpg. wt. 1 lb. **\$5.35**

R Cross Slide Stop. Shows depth to stop cross-feed. Clamps to cross slide dovetail. Will not automatically stop cross-feed. (See shipping notice below.) Shpg. wt. 8 oz.
9 A 1510F **\$4.15**

SHIPPING NOTICE: All items on this page are shipped from factory in southern Michigan. You pay transportation from there on delivery.



A \$2260
CASH
Complete in Box
\$2.50 DOWN



B \$1325
CASH
Complete in Box
\$1.50 DOWN



G \$3750
CASH
Diameter 4-inch
\$4.00 DOWN



H \$1995
CASH
Diameter 3-inch



J \$795
CASH
Diameter 3-inch

Chucks and Accessories for Drill Presses, Lathes, etc.

A Commutator Kit. For holding armature shafts. Contains No. 75A armature driving chuck; No. 100 center rest chuck (3/4 to 3/8-in. capacity); two arborers (No. 2 Morse taper, shank end; No. 3 Jacobs taper head end); chuck key, metal box. 9 A 2129—Postpaid. (Shpg. wt. 7 lbs. 4 oz.)...\$22.60

B Headstock Chucks with Key.
9 A 2044—Jacobs No. 55B. Capacity 0 to 1 1/4 inches. Fits only 1-in., 8-thread spindle. Postpaid. (Shpg. wt. 3 lbs. 10 oz.)...\$13.25
9 A 2144—Jacobs No. 58B. Capacity 3/4 to 3/8-in. Fits 1 1/2-in., 8-thread spindle. Can be used with No. 3 Jacobs taper arbor. Postpaid. (Shipping weight 3 pounds 12 ounces)...\$16.50
9 A 2121—Jacobs No. 59B. Capacity 3/16 to 3/4 in. Fits 1 1/2-in., 8-thread spindle. Will not fit any type arbor. Postpaid. (Wt. 5 lbs. 8 oz.)...\$19.75

C Drill Chucks with Key.
9 A 2142—Jacobs No. 33 key-type chuck. Fits arborers with No. 33 Jacobs taper. Capacity 5/64 to 3/8 in. Postpaid. (Wt. 1 lb. 8 oz.)...\$7.50
9 A 2143—Jacobs No. 6A—33 key-type chuck. Fits arborers with No. 33 Jacobs taper. Capacity 0 to 1/2 in. Postpaid. (Shpg. wt. 2 lbs. 8 oz.)...\$8.00

Key Chucks for Electric Drills
9 A 2976—Jacobs Geared Key Chuck. Capacity 0 to 3/4-in. by 20-thread mounting thread. Postpaid. (Shpg. wt. 10 oz.)...\$5.50
9 A 2978—Jacobs No. 1B type. Capacity 0 to 3/4 in. Threaded 3/8-in. by 24 thread. Postpaid. (Shipping weight 8 ounces)...\$5.50
9 A 2979—Jacobs No. 7B type. Capacity 0 to 3/4 in. Threaded 3/4 in. by 24 thread. Postpaid. (Shipping weight 10 ounces)...\$5.50
9 A 2980—Jacobs No. 33B type. Capacity 3/4 to 1/2-in. Threaded 3/8-in. by 20 thread. Postpaid. (Shipping weight 1 lb. 3 oz.)...\$7.50

D Center Rest Chuck.
9 A 2991—Capacity 1/4 to 3/8 in. Use with No. 3 Jacobs taper arbor. Postpaid. (Shipping wt. 3 lbs. 2 oz.)...\$11.00

E Chuck Arborers for 9A2142, 9A2143.
9 A 2131—No. 0 Morse and No. 33 Jacobs taper. Postpaid. (Wt. 8 oz.)...\$1.00
9 A 2123—No. 1 Morse and No. 33 Jacobs taper. Postpaid. (Shpg. wt. 10 oz.)...\$1.00
9 A 2124—No. 2 Morse and No. 33 Jacobs taper. Postpaid. (Shpg. wt. 14 oz.)...\$1.00
For 9A2129, 9A2144, 9A2991 Chucks.
9 A 2133—No. 0 Morse and No. 3 Jacobs taper. Postpaid. (Shpg. wt. 10 oz.)...\$1.00
9 A 2154—No. 1 Morse and No. 3 Jacobs taper. Postpaid. (Shpg. wt. 12 oz.)...\$1.00
9 A 2126—No. 2 Morse and No. 3 Jacobs taper. Postpaid. (Shpg. wt. 14 oz.)...\$1.00

F Chuck Keys.
9 A 2051—Jacobs No. 1. Fits chucks Nos. 1, 1A, 1B, 1BB, 1BS. Postpaid. (Shpg. wt. 4 oz.)...35c
9 A 2054—Jacobs No. 32. Fits chucks Nos. 32, 32B, 32BB, 33, 33B, 33BB, 9, 11, 11N, 381. Postpaid. (Wt. 7 oz.)...50c
9 A 2052—Jacobs No. 3. Fits chucks Nos. 3, 3A, 3B, 3AE, 6, 6A-2A, 6A-33, 6B, 6AE, 14, 14N, 34, 34B, 34VR, 54B, 55B, 56B, 58B, 75A. Postpaid. (Shipping weight 10 ounces)...55c
9 A 2053—Jacobs No. 4. Fits chucks Nos. 4, 16, 16N, 18, 18N, 36B, 59B. Postpaid. (Shipping weight 12 ounces)...80c
9 A 2073—Jacobs No. 7. Fits Jacobs chucks Nos. 7, 7B, 7-1A, 7D, 225, 7BB. Postpaid. (Shipping weight 7 ounces)...40c

G CRAFTSMAN Fine Quality Lathe Chucks. 3-jaw self-centering type. Jaws are controlled by single screw and pinion gear. Great accuracy, leverage, holding power. Perfect for centering work.

Chuck body casting of semi-steel. Alloy metal scroll and alloy steel pinion. Alloy steel jaws are heat treated, hardened; have raised steps. Complete with inside and outside gripping jaws. T-handle chuck wrench included.
9 A 2148—Fits 1-in. by 8-thread spindle. Diameter 4 in. Shipping weight 5 pounds 3 ounces...\$37.50
9 A 2150—Fits 1 1/2-in. by 8-thread spindle. Diameter 5 inches. Shipping weight 6 pounds 11 ounces...\$39.95

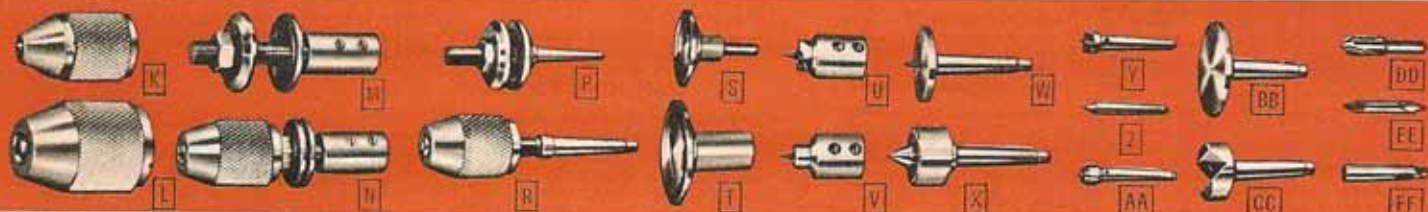
H 3-jaw Universal Chucks for medium duty. Self-centering, lever operated. Case-hardened, cold rolled steel jaws; polished steel body and scroll. Body casting precision threaded; fits directly on spindle. Has outside and inside sets of jaws. Chuck wrench included.
9 A 2296—Fits 3/8-in. by 20-thread spindle. Diameter 3 in. Shipping weight 3 pounds 5 ounces...\$19.95
9 A 2297—Fits 1-inch by 8-thread spindle. Diameter 4 inches. Shipping weight 6 pounds 5 ounces...\$24.25
9 A 2298—Fits 1 1/2-in. by 8-thread spindle. Diameter 5-in. Shipping weight 10 pounds...\$28.95
9 A 202299—Fits 1 1/2-in. by 8-thread spindle. Diameter 6-in. Shipping weight 15 pounds...\$37.50

J CRAFTSMAN 4-jaw Independent Chucks. Precision made of finest materials. Body of special alloy steel has deep, wide jaw slots for added strength and greater bearing surface.

Four reversible jaws, drop forged from a solid bar of special steel, work independently; especially useful for holding irregular shaped pieces. Large jaw screw, Acme threaded. T-handle included. Fit any lathe with spindle diameters and threads per inch listed below. Sizes available to fit 5 different threaded lathe spindles.

9 A 2137—Fits 3/8-in. by 24-thread spindle. Diameter 3 in. Shipping weight 2 pounds 8 ounces...\$7.95
9 A 2157—Fits 3/8-in. by 20-thread spindle. Diameter 3 in. Shpg. wt. 2 lbs. 8 oz....\$7.95
9 A 2156—Fits 3/8-in. by 16-thread spindle. Diameter 4 in. Shpg. wt. 3 lbs. 10 oz....\$9.50
9 A 2138—Fits 1-inch by 8-thread spindle. Diameter 4-in. Shpg. wt. 3 lbs. 12 oz....\$9.50
9 A 2139—Fits 1 1/2-in. by 8-thread spindle. Diameter 6-in. Shipping weight 9 pounds 10 ounces...\$15.95
9 A 02141K—Fits 1 1/2-in. by 8-thread spindle. Diameter 8-in. Shpg. wt. 25 lbs....\$26.95

You can buy anything in this book on Sears Easy Terms. See inside back cover for complete information



Extra Fine Quality CRAFTSMAN screw-on 3-jaw Chucks. Tapped to fit 1/2-inch by 20-thread spindles. Check spindle size.

K 9 A 2248—1/4-in. capacity. Shpg. wt. 5 oz....80c
L 9 A 2243—3/8-in. capacity. Shpg. wt. 12 oz....85c
M 9 A 2256—1/2-in. capacity. Shpg. wt. 12 oz....90c

M CRAFTSMAN General-purpose Work Arbor. Converts motor into a grinder, polisher, buffer, etc. Carbon steel. 4 3/8 in. long. 2 3/8-in. spindle has 1/2-in. x 20-thread. Has steel flanges. Fits 1/2 or 3/8-in. unthreaded shaft. Fastens with 2 set screws. State whether for 1/2 or 3/8-in. spindle.
9 A 2164—Shipping weight 12 oz....\$1.00

H Arbor with 3-jaw, 1/2-inch Drill Chuck. Chuck and 1/2-inch x 20-thread arbor with steel flanges. Fits 1/2 or 3/8-inch unthreaded straight spindle. Fastens with 2 set screws. State if for 1/2 or 3/8-inch spindle.
9 A 2151—Shipping weight 1 pound 10 ounces...\$1.85

P Work Arbor. For mounting drill chucks and holding grinding, buffing, wheels, etc. 3/8-in. x 20-thread. Morse taper shank. 2 steel flanges for clamping wheels.
9 A 2117—No. 0 Morse taper. Shpg. wt. 8 oz....98c
9 A 2153—No. 1 Morse taper. Shpg. wt. 9 oz....\$1.00
9 A 2152—No. 2 Morse taper. Shpg. wt. 11 oz....1.10

R Work Arbor with Chucks. 3-jaw, screw-on type chucks. 1/2-in. capacity; tapped 1/2-in. x 20-thread.
9 A 2276—No. 0 Morse taper with chuck and arbor. Shipping weight 1 pound 4 ounces...\$1.65
9 A 2234—No. 1 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces...\$1.90
9 A 2247—No. 2 Morse taper with chuck and arbor. Shipping weight 1 pound 8 ounces...\$2.00

Abrasive Disc Holders. Ideal for converting lathe, drill press, etc. into a sander or polisher.

S 9 A 2446—1 1/2-inch diameter. Has 3/8-inch straight shank. Shipping weight 5 ounces...65c
T 9 A 2447—2-inch diameter. Use on 1/2-in. x 20-thread spindle. Shpg. wt. 7 ounces...95c

Lathe Centers. Ideal for use on any lathe with 3/8-in. straight spindle. Fasten with 2 set-screws. Steel construction. Especially designed for maximum strength and rigidity. Replaceable center points.

U 9 A 2103—Headstock Spur Center. For driving work mounted between centers. Shpg. wt. 6 oz....95c
V 9 A 2102—Tailstock Cup Center. Supports work in tailstock. Shipping weight 6 ounces...95c

W Screw centers. For facing and hollowing operations. Replaceable center. Morse taper shank.
9 A 2116—No. 1 Morse taper. Shpg. wt. 12 oz....\$1.65
9 A 2115—No. 2 Morse taper. Shpg. wt. 14 oz....\$1.65

X Ball-boring 60° Center. For hardwood or metal; for high speed operation. No. 1 or No. 2 Morse taper shanks as listed.

Y Spur Centers. Use for wood turning. Accurately ground for perfect fit. No. 0, No. 1 or No. 2 Morse taper shanks as listed.
9 A 2108—No. 0 Morse taper. Shpg. wt. 3 oz....98c
9 A 2106—No. 1 Morse taper. Shpg. wt. 4 oz....\$1.00
9 A 2107—No. 2 Morse taper. Shpg. wt. 7 oz....1.10

Z 60-degree Centers. For turning hard woods and metals. Choice of 3 Morse taper shanks as listed.

9 A 2103—No. 0 Morse taper. Wt. 3 oz....83c
9 A 2100—No. 1 Morse taper. Wt. 3 oz....80c
9 A 2111—No. 2 Morse taper. Wt. 7 oz....90c

AA Tailstock Cup Centers. Support work in tailstock. Choice of 3 Morse taper shanks as listed.

9 A 2109—No. 0 Morse taper. Wt. 3 oz....98c
9 A 2100—No. 1 Morse taper. Wt. 3 oz....\$1.00
9 A 2101—No. 2 Morse taper. Wt. 7 oz....1.10

BB 9 A 2187—Drill Pad. Use in tailstock as rigid support for drilling flat or square work. Diameter of face, 3 3/8 in. Steel shank has No. 2 Morse taper. Shpg. wt. 1 lb. 2 oz...\$1.45

CC 9 A 2114—Crotch Center. Automatically centers round work in tailstock for cross-drilling. Precision-machined V-slot. Steel shank; No. 2 Morse taper. Shpg. wt. 1 lb....\$1.65

DD 9 A 6697—82° Center Reamer. 3/8-inch size; 3/8-inch shank diameter. Shipping weight 1 oz....\$1.15

EE 9 A 2061—Center Drill. Combination drill and countersink. 3/32 or 1/8-in. sizes available. State size wanted. Shpg. wt. 1 oz....49c

FF 9 A 2161—Adapter Sleeve. To reduce from No. 2 to No. 1 Morse taper. Shipping weight 5 oz....\$1.50



No shop is complete without a Grinder!

CRAFTSMAN heavy duty Grinder

A Porous bronze bearings; oil well around each insures smoother running. Drive from rear or below, 15 $\frac{1}{2}$ x $\frac{3}{4}$ -in. spindle; $\frac{3}{4}$ -in. at ends; takes up to 8x1 $\frac{1}{2}$ -in. wheels with $\frac{3}{4}$ -in. arbor holes. 2 combination pulleys for flat or V-belts. Idling pulley locks for double V-drive. Adjustable tool rests. Gray enameled.

99 A 06629K—Grinder head only. Without motor, motor pulley, V-belt or grinding wheels. Shipping weight 24 lbs. **\$9.55**

99 AT 6725K—Grinder head with DUNLAP $\frac{3}{4}$ -H.P. 1750 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 4-in. motor pulley; and $\frac{1}{2}$ x36-in. V-belt. Shipping weight 46 lbs. **\$24.95**

B 9 A 6421—Guards. For 99A06629. 8-in. capacity. Shpg. wt. 7 lbs. 8 oz. Pair **\$2.45**

C 9 A 6420—Sickle Bar Holder. For 99A06629. To hold mower knives rigidly while sharpening. Shipping weight 4 lbs. **\$3.10**

General purpose Grinder

D Low priced, 11 $\frac{3}{4}$ -in. spindle; $\frac{5}{8}$ -in. at ends. Porous bronze bearings; oil well around each. Drive from rear or below. Holds wheels up to 8x1-in. 2-in. flat and single V-pulley. Gray enameled.

9 A 6616—Grinder head only. Without motor, motor pulley, V-belt or grinding wheels. Shipping wt. 9 lbs. **\$4.95**

99 AT 6723K—With DUNLAP $\frac{3}{4}$ -H.P. 1750 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 4-in. motor pulley; and $\frac{1}{2}$ x36-in. V-belt. Shpg. wt. 34 lbs. **\$20.50**

99 A 06619—Same as 9A6616 above, but with two vitrified 6x1-in. grinding wheels. Shipping weight 17 lbs. **\$7.95**

99 AT 6724K—Same as 99A06619, but with DUNLAP $\frac{3}{4}$ -H.P. 1750 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 4-in. motor pulley; V-belt. Shpg. wt. 42 lbs. **\$23.75**

4-inch Grinder

E Low priced. Cast iron frame; gray enameled. 8x $\frac{3}{4}$ -in. spindle; $\frac{3}{4}$ -in. at ends; 20-thread. Spring cap oil cups. Adjustable tool rests. Drive from rear or below. With two 4x $\frac{3}{4}$ -in. grinding wheels (fine and medium grits). 2-in. V-type pulley for $\frac{3}{4}$ -in. belt.

9 A 6628—Grinding head and wheels only. Without motor, motor pulley or V-belt. Shipping weight 8 lbs. **\$5.85**

99 AT 6653K—Grinding head with $\frac{3}{4}$ -H.P. 1750 R.P.M. split phase motor for 110-120 volt 60-cycle A.C.; 5-in. motor pulley; $\frac{3}{8}$ x34-in. V-belt. Shipping wt. 33 lbs. **\$21.65**

CRAFTSMAN 6-inch Grinder

F Heavy duty. Wide clearance between wheel centers. 9 $\frac{3}{8}$ x $\frac{3}{4}$ -in. spindle; $\frac{3}{4}$ -in. at ends; 20-thread. Extra-long porous bronze bearings; oil well around each. Spring cap oil cups. Adjustable guards, tool rests. Shielded 2-step V-drive pulley for $\frac{3}{4}$ -in. V-belt. Gray enameled. Takes standard accessories; drive from rear or below. With two 6x $\frac{3}{4}$ -in. vitrified grinding wheels (fine and medium grits).

99 A 06614—Grinding head and wheels only. Without motor, motor pulley, V-belt. Shpg. wt. 19 lbs. **\$12.95**

99 AT 6655K—Grinding head with DUNLAP $\frac{3}{4}$ -H.P. 1750 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 5-in. motor pulley; V-belt. Shpg. wt. 44 lbs. **\$26.75**

CRAFTSMAN Grinding Wheels



Finest quality! Perfectly balanced! Aluminum oxide abrasive. Meet U. S. Navy Specifications 40W1f. Precision ground, BOTH sides and face! Bonded and vitrified in an electrically-controlled furnace for over 150 hours. Lead bushed to 1-in. arbor. (*) Bushings furnished for shafts $\frac{1}{4}$, $\frac{3}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, and $\frac{3}{4}$ -in. diameter. Please state shaft diameter wanted.

HOW TO ORDER: Please be sure to give: (1) catalog number; (2) diameter of wheel; (3) thickness of wheel; (4) shaft diameter.

SAFETY INFORMATION—(1) Use concave flanges as large or larger than recommended in table below. (2) Use guard and shatter-proof glass shield. (3) Don't exceed! R.P.M. shown in table below. (4) Wear safety goggles (see page 49 of this catalog).

Diameter wheel, inches	3	4	5	6	7	8
Diameter flange, inches	1 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$	3
R.P.M.	8276	6207	4966	4138	3547	3103

Select the correct grit for your job:

FINE . . . for knives, keen-edged tools, finish grinding and polishing.
MEDIUM FINE . . . for woodcutting tools, or preparation for finishing.
MEDIUM COARSE . . . for machine shop use, or fast removal of stock.

Diameter and thickness	Bore* inches	Shpg. wt., lbs.	9 A 6412 Fine	9 A 6411 Medium Fine	9 A 6415 Medium Coarse
3x $\frac{1}{2}$ inches	1	1	45c	45c	
3x $\frac{3}{4}$ inches	1	1	53c	53c	
4x $\frac{1}{2}$ inches	1	1	69c	69c	
4x $\frac{3}{4}$ inches	1	2	89c	89c	
4x1 inches	1	2	98c	98c	
5x $\frac{1}{2}$ inches	1	2	\$1.10	\$1.10	
5x $\frac{3}{4}$ inches	1	3	1.25	1.25	
5x1 inches	1	3	1.45	1.45	
6x $\frac{1}{2}$ inches	1	3	1.23	1.23	\$1.23
6x $\frac{3}{4}$ inches	1	3	1.45	1.45	1.45
6x1 inches	1	4	1.63	1.63	1.63
6x1 $\frac{1}{4}$ inches	1	4			1.89
7x $\frac{1}{2}$ inches	1	4	1.49	1.49	
7x $\frac{3}{4}$ inches	1	4	1.75	1.75	1.75
7x1 inches	1	5	1.95	1.95	1.95
7x1 $\frac{1}{4}$ inches	1	6			2.25
8x $\frac{3}{4}$ inches	1	5	2.00	2.00	2.00
8x1 inches	1	6	2.45	2.45	2.45
8x1 $\frac{1}{4}$ inches	1	7	2.75	2.75	2.75
8x1 $\frac{1}{2}$ inches	1	9	3.25	3.25	3.25

CRAFTSMAN Wet Grindstone

G Extra heavy duty. Highest quality natural Ohio grindstone; 10-in. diameter, 1 $\frac{1}{2}$ -in. face. Built-in jackshaft. Heavy cast iron body; cast iron bearings. Adjustable 3-in. tool rest. Hinged splash guard. Drain plug. With 4 $\frac{1}{2}$ -in. drive pulley. Use 1 $\frac{1}{2}$ -in. motor pulley with 1750 R.P.M. motor. Gray enameled. Bench not included. (We recommend 99A02140 bench, with 2 extra 9A2016 cross slide-rails; see page 11 of this catalog.)

99 A 06620K—Without motor, motor pulley, V-belt or bench. Shpg. wt. 32 lbs. **\$12.50**

99 AT 6727K—With DUNLAP $\frac{3}{4}$ -H.P. 1750 R.P.M. split phase bronze-bearing 110-120 volt 60-cycle A.C. motor; 1 $\frac{1}{2}$ -in. motor pulley; and $\frac{1}{2}$ x42-in. V-belt. Shpg. wt. 56 lbs. **\$27.50**

9 A 6621—Replacement Stone for above. Shipping weight 13 pounds. **\$3.75**

Polishing Heads

H Low-priced Polishing Head. Well balanced. Sharpens tools, grinds, polishes, drills, etc., when used with proper accessories. 7 $\frac{1}{16}$ in. high. Spindle 7x $\frac{1}{2}$ -in.; 20-thread. Stamped steel collars. Can be driven from rear, above or below. 2-in. V-pulley.

9 A 6615—Shpg. wt. 3 lbs. 7 oz. **\$2.50**

J CRAFTSMAN general purpose Polishing Head. Cast iron frame; enameled gray. Spindle threaded $\frac{3}{8}$ -in.x20-thread. Porous bronze bearings; oil well around each. Spring cap oil cups. Height 7 $\frac{1}{2}$ -in. Machined steel flanges. Takes standard accessories; drive from rear or below. 2-in. pulley for V-belt.

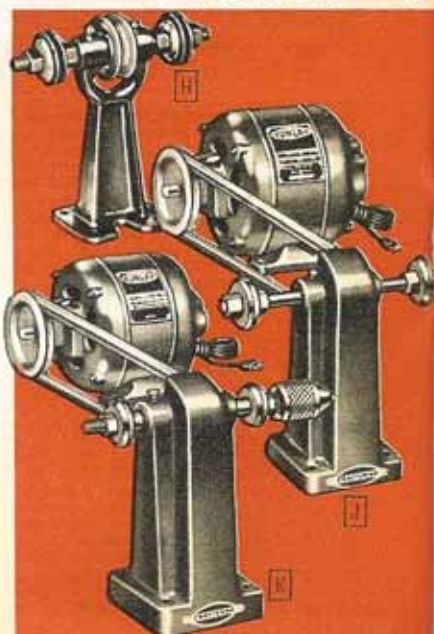
9 A 6627—Head only. Without motor, motor pulley or V-belt. Shpg. wt. 6 lbs. **\$4.25**

99 AT 6657K—With DUNLAP $\frac{3}{4}$ -H.P. 1750 R.P.M. split phase, 110-120 volt 60-cycle A.C. motor; 4-in. motor pulley; $\frac{3}{8}$ x34-in. V-belt. Shipping weight 31 lbs. **\$19.50**

K CRAFTSMAN heavy duty Polishing Head. Heavy cast iron frame; gray enameled. Height 9 $\frac{1}{16}$ in. Drive from rear or below. Takes standard accessories. 2-inch V-type pulley for $\frac{3}{4}$ or $\frac{1}{2}$ -in. V-belt. 9 $\frac{1}{2}$ x $\frac{3}{4}$ -in. spindle; $\frac{3}{4}$ -in. at ends; 20-thread. Porous bronze bearings; oil well around each. Spring cap oil cups. 3-jaw, screw-on type chuck; $\frac{3}{4}$ in. capacity. Machined steel collars.

9 A 6647—Head only. Without motor, motor pulley or V-belt. Shpg. wt. 8 lbs. 2 oz. **\$7.25**

99 AT 6658K—With DUNLAP $\frac{3}{4}$ -H.P. 1750 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 4-in. motor pulley; $\frac{3}{8}$ x34-in. V-belt. Shipping weight 35 lbs. **\$21.95**



CRAFTSMAN Shaper

REG. U.S. PAT. OFF.

Handles ALL Shaping Operations

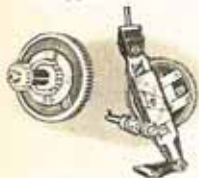
- ★ 7-inch Stroke
- ★ Four Speeds
- ★ V-Belt Power
- ★ Crank Type Ram Drive
- ★ Five Automatic Cross Feeds
- ★ Timken Roller Bearings

NEW! The CRAFTSMAN 7-inch Metal Shaper is built to handle ALL shaping operations . . . and the 1/2-inch to 7-inch ram stroke gives you a capacity that covers almost every shaping job. You save big money on investment with this smaller shaper, and your small investment makes possible further savings in set-up costs. The 1/2-H.P. motor required keeps power costs down. Massive construction and precision operating features produce extreme accuracy. Shaper is compact, and easy to set up and operate. *You can put this CRAFTSMAN in your shop for only \$41.00 Down.*



Heavy, massive Ram. Ram ways are wide and thick, and bear on top, sides and bottoms of precision-ground, hand-fitted guides. Oil grooves in column guides form lubrication reservoir. Stroke length adjusted with hand crank; stroke in inches shown by indicator on graduated plate. Stroke positioning control operated by hand crank. Tool head locked to ram head. Base of tool posts graduated 0 to 50° both ways. Tool post slide has dovetail ways with full gib adjustment. Acme threaded vertical feed screw; ball crank control; micrometer-graduated collar with take-up adjustment. Clapper head swivels both ways for proper tool clearance.

dovetail ways with full gib adjustment. Acme threaded vertical feed screw; ball crank control; micrometer-graduated collar with take-up adjustment. Clapper head swivels both ways for proper tool clearance.



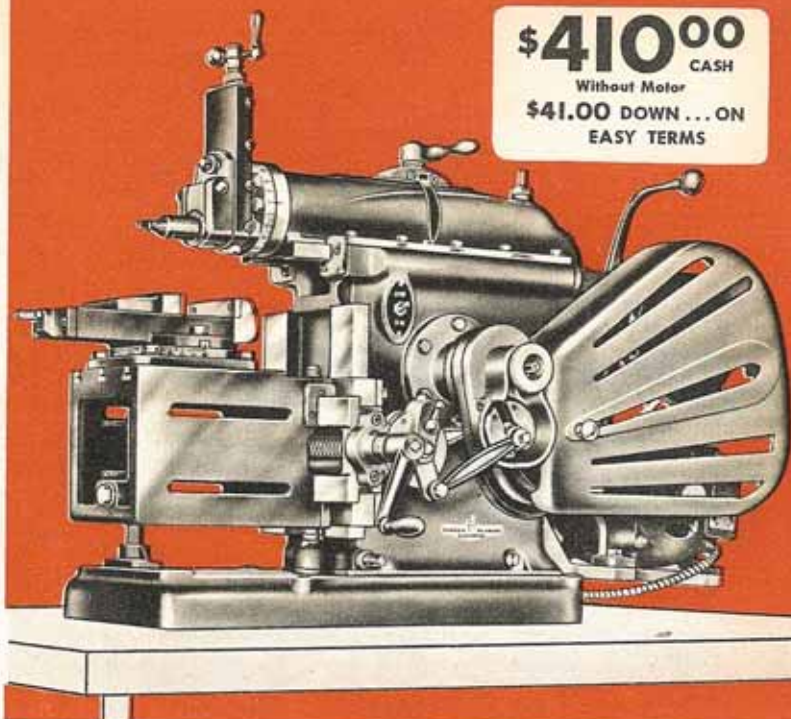
Crank-type Drive—an important factor in the long-lived accuracy and unusual power of the CRAFTSMAN Shaper. Semi-steel bull-gear (10 pitch teeth, 1-inch face) supported by two heavy-duty Timken tapered roller bearings (one in shaper frame, one at outer end of bull-gear sleeve flange). These fine bearings take extremely heavy radial loads and absorb all end thrust. Pinion gear shaft runs on Timken tapered roller bearings. Complete V-belt drive from motor to pinion shaft. 4-step countershaft and pinion-shaft pulleys provide four speeds: 45, 78, 122, and 186 strokes per minute. Five automatic cross feeds for either direction: .005, .010, .015, .020, .025 in. per stroke. Feed screw has Acme threads, micrometer-graduated collar, and runs on oilite bearings.

countershaft and pinion-shaft pulleys provide four speeds: 45, 78, 122, and 186 strokes per minute. Five automatic cross feeds for either direction: .005, .010, .015, .020, .025 in. per stroke. Feed screw has Acme threads, micrometer-graduated collar, and runs on oilite bearings.



Massive box-type column, thickly ribbed and braced for rigidity and accuracy. Cross-rail ways and guides for ram ways cast integrally with column. Cross-rail guides and table way guides accurately machined and hand-fitted; gibs and laminated shims for full take-up adjustment. Bearing bosses for bull-gear and pinion shafts bored and line-reamed. Panel in right side of column makes ram driving mechanism easily accessible for lubrication. Adjustable V-belt countershaft and motor base attached directly to column. Countershaft lever stops ram without stopping motor. Countershaft bracket slotted for belt stretch adjustment. Hardened, ground countershaft spindle turns on roller bearings. Box-type table supported by cross-rails and adjustable brace at outer end; locks table at any height. Three T-slots in table top for vise or work; vise-aligning keyway on right side; two slots in each side for bolting work. Table top finished by shaper itself. Crank-operated table elevating screw. Vise graduated 0° to 90° both ways; swivels, and locks at any angle. Steel jaw inserts.

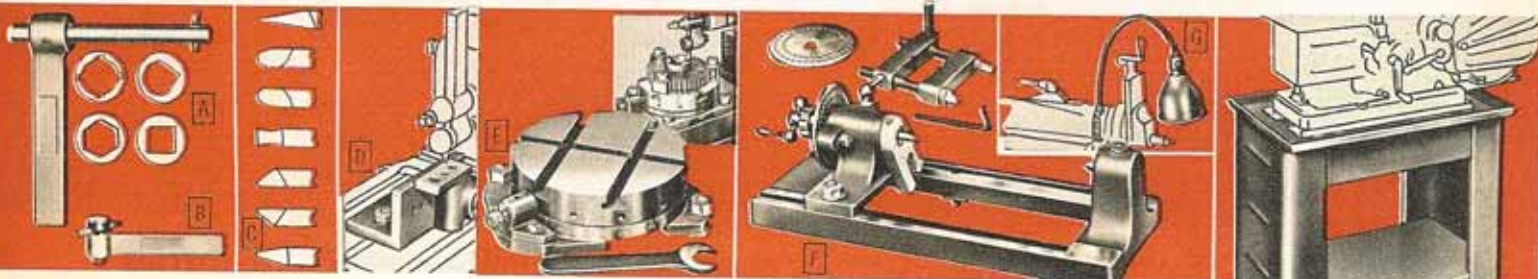
motor. Countershaft bracket slotted for belt stretch adjustment. Hardened, ground countershaft spindle turns on roller bearings. Box-type table supported by cross-rails and adjustable brace at outer end; locks table at any height. Three T-slots in table top for vise or work; vise-aligning keyway on right side; two slots in each side for bolting work. Table top finished by shaper itself. Crank-operated table elevating screw. Vise graduated 0° to 90° both ways; swivels, and locks at any angle. Steel jaw inserts.



\$410⁰⁰ CASH
Without Motor
\$41.00 DOWN . . . ON
EASY TERMS

SPECIFICATIONS

- Length of Ram Stroke 1/2 to 7 inches
 - Strokes per Minute 45, 78, 122, 186
 - Cross Feeds (both directions)005, .010, .015, .020, .025 inches per stroke
 - Cutting Speeds, Feet per Minute 3 1/2 to 116
 - Distance Table to Ram Maximum 5 1/2 inches; Minimum 1/2 inch
 - Overall Dimensions 17x36x26 inches
 - Ram Length, less Tool Head 17 inches
 - Ram Bearing in Column 3/8 inch wide, 3/8 inch high, 12 inches long
 - Ram Position Range 4 inches
 - Tool Head Diameter 4 inches
 - Tool Head Feed Length 3 inches
 - Tool Post Takes 3/8-inch tool bits or holder for 1/2-inch tool bits
Tool head graduated 0 to 50° right and left
Collar graduated in .001ths—swivel clapper
 - Gear Ratio 5 1/4 to 1—1 inch face
 - Pinion Shaft and Countershaft Pulleys 4-step, V-type
 - Table Dimensions 8 3/4 x 6 inches deep overall; 7-inch long finished surface
 - Table Travel 9 3/4 inches horizontal, 5 inches vertical
 - Three T-slots on Table Top 3/4 x 3/8 x 7 inches
 - Vise Jaw 4 x 1/2 inches; opens 4 inches
 - Vise Swivel Base graduated 0° to 90° right and left.
- 99 A M1600F—CRAFTSMAN 7-inch Shaper, complete with safety guards, vise, countershaft, V-belt drive, crank handle, wrenches, instructions. Shipped from factory in southern Michigan. You pay shipping charges on delivery. Shpg. wt. 350 lbs. \$41 down \$22.50 monthly . . . **\$410.00**
- 99 A 01978K—CRAFTSMAN Capacitor Motor. 1/2-H.P. 1750 R.P.M. for 110-120 volt, 60-cycle AC. 1/2-in. double-end shafts. (See complete description page 45.) Shpg. wt. 34 lbs. . . **\$28.00**



Tools, Attachments, and Accessories for the CRAFTSMAN Shaper

- A CRAFTSMAN Extension Tool.** Extra clearance for internal work. Cuts many shapes (examples shown above). Drop forged holder, 3/4x7 1/2-inch polished steel bar with broached hole for 3/4-inch high-speed cutter bit. With cutter bit and wrench. 9 A 1610F—Shpg. wt. 2 lbs. **\$8.55**
9 A 1611F—Set of 6 CRAFTSMAN Cutter Bits. 3/16-in.; unground. Shpg. wt. 1 lb. **95c**
- B CRAFTSMAN Tool Holder.** For working at all angles. Extremely rigid. Head swivels; locks at any one of 8 positions. With 3/4-inch high-speed cutter bit. 9 A 1609F—Shpg. wt. 2 lbs. **\$7.60**
- C Set of 7 CRAFTSMAN Formed Cutter Bits.** Styles as shown. High-speed steel 1/2x3/4-inch. Use in Tool Holder 9A1609F above. 9 A 1605F—Shpg. wt. 1 lb. **\$5.35**
CRAFTSMAN Unground Cutter Bits Sets.
9 A 1606F—6 bits; 1/4-in. Wt. 8 oz. . . **\$1.80**
9 A 1607F—12 bits; 3/8-in. Wt. 1 lb. . . **3.50**
9 A 1608F—6 bits; 3/8-in. (for tool post). Shpg. wt. 12 oz. **\$4.40**

- D CRAFTSMAN Angle Plate.** For holding small pieces and irregular shapes that can't be gripped in vise or bolted to table. Outer faces are precision ground; have four holes for bolting work and two holes for bolting plate to shaper table T-slots. Base and face each 2 1/2x4x1/4-inches. With bolts. 9 A 1556F—Shpg. wt. 3 lbs. **\$8.70**
- E CRAFTSMAN Rotary Index Table.** Holds work for quick, accurate spacing and dividing operations. All table surfaces precision ground. Three T-slots for positioning and locking work. Table swivels to any angle, locks with two bolts to circular T-slots in base. Holes spaced around side of table permit indexing table rigidly every 30° with plunger and knob. Swivel base graduated 0 to 90° left and right. Table diameter 5 1/2 inches. Height to top of table 1 3/4 inches. Complete with four base clamping bolts and wrench. 99 A 1602F—Shpg. wt. 14 lbs. **\$47.60**

- F CRAFTSMAN Index Centers.** For dividing operations required in splining, fluting, gear cutting, and squaring shafts. Base casting held to T-slots in shaper table by cap screws. Support for inner center cast with base. Outer center support may be positioned for work up to 8 in. long and is lockable by bolts which travel in two base T-slots. Screw with ball crank operates adjustable center. Two index plates furnished, each with two circles of indexing holes engaged by a lock pin (30 and 36 holes, 28 and 48 holes). Spindle locked in position by coordinate clamp. Max. distance between centers 8 in. Max. swing 5 1/2 in. Base 1 1/2x6x3/4 inch thick. With 1 3/8-in. clamp dog, dog driver, bolts. 99 A M1603F—Shpg. wt. 21 lbs. **\$56.65**
- G CRAFTSMAN Shaper Lamp.** 15-inch flexible cable. Universal mounting bracket with clamp screws for fastening lamp to ram plate. Push-through switch. 9 A 1557F—Shpg. wt. 2 lbs. **\$6.85**



Floor Cabinet

- H CRAFTSMAN Shaper Floor Cabinet.** Provides the rigid mounting needed for accurate Shaper work. Legs, top, and shelf are heavy 13 gauge steel with spot welded joints. Sides of top flared to catch oil. Large shelf provides handy storage space for tools, attachments, etc. Cabinet is 28 inches long, 18 inches wide, and 32 3/4 inches high. Shipping wt. 80 lbs. 99 A M1551F **\$51.75**

Pay for your Shaper and the tools and accessories you need while you use them. See inside back cover for details of Sears Easy Terms.

All items listed above shipped from factory in southern Michigan. You pay shipping charges from there on delivery

Overall Dimensions:
25½ in. deep
32½ in. wide
22 in. high



Slabbing



Dovetailing

New! CRAFTSMAN

REG. U. S. PAT. OFF.

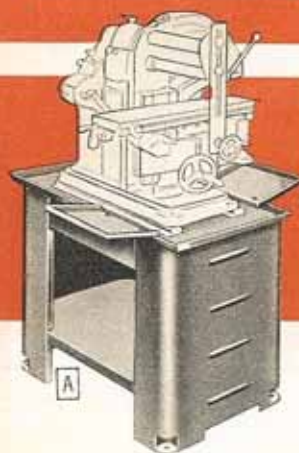
- ★ Handles complete range of milling . . . from slabbing and end milling to keyways, finishing and layout work . . . accurately and at low cost
- ★ Famous Timken tapered roller bearings on spindle . . . permit wide range of spindle and surface speeds
- ★ Backgeared power for heavy cuts
- ★ Reversible automatic power longitudinal table feed
- ★ 8 spindle speeds: 62 to 2870 R.P.M.
- ★ Precision-ground 4½x18-inch table . . . a massive work support
- ★ Steel cable-reinforced rubber belts . . . complete V-belt drive transmits maximum power to spindle
- ★ Extra heavy for accurate work
- ★ Operates from a ⅓-H.P. motor . . . Capacitor, R-I or Mill-type

MILLING MACHINE

\$363⁰⁰ CASH

Without arbor and motor
\$36.50 Down
\$20.00 Monthly

Base Dimensions
(including motor bracket)
20½ by 18½ inches



A CRAFTSMAN Milling Machine Floor Cabinet. Provides the rigid mounting needed for accurate miller work. Legs, top and shelf are heavy 13-gauge steel with spot-welded joints. Sides of top flared to catch oil. Top has hole for coolant system. Large storage space on shelf. Cabinet is 28 in. long, 18 in. wide, 32½ in. high. Side pans not included. Shipping weight 80 pounds.
99 A M1551F \$51.75

CRAFTSMAN Side Pans for above. Attach to each side of cabinet (see illustration) to catch oil drippings as miller table moves side to side. Heavy gauge steel; flared sides. With clamp brackets and bolts. 11 in. by 8 in. wide. Shpg. wt. per pair 5 lbs.
9 A 1552F \$6.50



B CRAFTSMAN Automatic Coolant Systems. Reduce tool wear, improve work finish and meet peak production demands. Simple construction assures smooth, trouble-free performance and long life. Modern centrifugal-type pump engineered for continuous service with any cutting fluid. Pump installed in 3-pint reservoir compartment in miller base. Coolant stream easily directed to any point on cutter by using adjustable outlet nozzle and sliding feed line support arm. Control valve regulates flow from slow drip to fast washing action. No priming necessary. Built-in switch.
9 A 1563F—Pumping capacity: Soluble Oil (50% solution) 198 gal./hour; Lard Oil (70°F) 78 gal./hour. Motor; induction, 3450 R.P.M. for 110-120 volt 50-60 cycle A.C. Shpg. wt. 12 lbs. \$63.25
99 A 1564F—Pumping capacity: Soluble Oil (50% solution) 360 gal./hour; Lard Oil (70°F) 108 gal./hour. Motor; universal, 6000 R.P.M. for 110-120 volt A.C.-D.C. Shpg. wt. 20 lbs. \$79.75

C CRAFTSMAN Coolant Tank. Gravity-flow tank—a simple, inexpensive coolant device. Capacity about 1 qt. Adjustable nozzle and sliding support arm direct coolant stream. Valve regulates flow. Nozzle has oil-proof extruded plastic tip.
9 A 1558F—Shipping weight 8 pounds. \$9.35



D CRAFTSMAN Rotary Index Table. Holds work for accurate angular indexing and spacing. All table surfaces precision-ground. Table swivels to any angle, locks to base, 3 T-slots (¾-in. x ¾-in.) in top of table for positioning and locking work. Swivel base graduated 0 to 90° left and right. Indexing holes every 30°. Table diam. 5½ in.; height to top of table 1¾ in. With two base-clamping bolts, wrench.
99 A 1554F—Shpg. wt. 15 lbs. \$47.00

E CRAFTSMAN Index Centers. For dividing operations. Headstock and tailstock lock to T-slot in table—keys maintain alignment with T-slot. Centers position for work up to 9 in. long, lock with coordinate clamps. 6-in. swing. Headstock spindle nose has 1-in. diam., 10-pitch N.S. threads. 17½-in. hole through spindle. With 9 indexing gears (36, 40, 44, 46, 48, 52, 54, 56 and 64 teeth); 1½-in. dog, driver, bolts; two 60° centers—No. 2 Morse taper for headstock, No. 1 MT for tailstock.
99 A 1553F—Shpg. wt. 15 lbs. \$49.25



F CRAFTSMAN Miller Lamp. 15-inch flexible cable, universal mounting. Push-through switch.
9 A 1557F—Shpg. wt. 2 lbs. \$6.85

G CRAFTSMAN Swivel Vise. Turns complete circle, locks in any position. Base graduated 0 to 90° left and right. Jaws open 3½ in. (operated by crank handle furnished). Jaws 3 in. wide, ¾ in. high. Overall height 3½ in. Vise and base are heavy machined castings. Machined bolt slot at each end and long key in bottom maintain alignment with table T-slot. With bolts, crank handle, and wrench.
9 A 1555F—Shpg. wt. 15 lbs. \$30.85

H CRAFTSMAN Angle Plate. Holds irregular shapes that can't be gripped in vise or bolted to table. Solid, well-braced iron casting, machined to a right angle, precision-ground on outer faces. Base and face each measure 2½ in. x 4 in. x 7/16 in. With bolts.
9 A 1556F—Shpg. wt. 3 lbs. \$8.70

CRAFTSMAN Milling Machine Attachments and Accessories

All items listed above shipped from factory in southern Michigan. You pay shipping charges from there on delivery.



Gear Cutting



Profiling



Straddle Milling



Boring



Slotting

Milling Machine..compact, accurate, priced low

Designed, built and priced to take its place in almost every kind of shop! In production and tool room shops, this economical CRAFTSMAN adapts easily to special equipment for special jobs... cuts costs and increases production. It's engineered for the accuracy demanded by research, laboratory and maintenance shops. And it's ideal for the limited budgets of school and home shops... compact to allow more pupil stations... rugged to stand up under inexperienced student use.

Overarm, support bracket and outboard arbor support (shown on machine) insure accurate work by maintaining rigid horizontal position of arbor and cutters. Adjusts quickly; easy to remove and mount. (Other features shown at right.)

Equipment furnished: CRAFTSMAN "Change-O-Matic" controls, integral V-belt countershaft, belts and pulleys for complete V-belt drive, motor pulley for 3/2-in. diam. motor shaft, motor mounting bracket, 12-ampere control switch (single phase only), and cord; operating instructions. Less arbor and motor. Net weight 205 lbs. Shipped from factory in southern Michigan. You pay shipping charges from there on delivery.

99 A M1550F—Shipping weight 278 pounds. \$363.00

99 A O1977K—CRAFTSMAN Capacitor Motor, 1/2-H.P., 1750 R.P.M. for 110-120 volt 60-cycle AC. 3/2-in. double-end shaft. (See complete description page 45. Shpg. wt. 32 lbs. ... \$26.50

SPECIFICATIONS:

- Longitudinal table travel..... 9 3/8 in.
- Reversible automatic longitudinal power feeds:
 - Per revolution of spindle:..... .003, .006, .0125 or .025 in.
 - Range..... .0186 to 11.250 in. per minute
- Cross table travel, hand-operated..... 3 3/4 in.
- Vertical table travel, hand-operated..... .6 in.
- Center of spindle to table in lowest position..... .6 in.
- Table working surface, precision ground..... 4 3/4 x 18 in.
- Overall table dimensions..... 4 3/4 x 18 x 1 3/4 in. thick
- Table T-slots..... Top, 3/8 x 3/8 x 16 in.; Side, 3/8 x 5/8 x 18 in.
- Eight spindle speeds between..... .62 and 2870 R.P.M.
- Timken tapered roller bearings on spindle.
- Spindle..... 1 in. diameter, 10-pitch N.S. threads. 1 1/2-in. hole through entire length. nose bored for No. 2 Morse taper
- Arbor diameter..... 3/4 or 1 in.
- Center of arbor to underside of overarm..... 2 1/4 in.
- Backgear ratio (approximate)..... .63 to 1
- Oilite bronze backgear shaft, countershaft spindle bearings.
- Motor recommended..... 1/2-H.P., 1750 R.P.M.



The CRAFTSMAN Change-O-Matic gives you instant selection of twenty reversible automatic table feeds between 0.186 in. and 11.250 in. per minute... four automatic feeds for each of five spindle speeds. Large notched knob selects desired feed (shown on dial chart). Tumbler lever reverses feed direction, also has neutral position for hand feeding. Dog in side T-slot of table can be set to trip gear case lever for automatic stop.



Massive column, spindle head and base (showing knee and table elevation screw). Ways for knee bearings cast integrally with column; precision ground. Spindle head anchored to column. Accurate line boring of bearing bosses for spindle, backgear shaft and overarm insures positive alignment.



Timken tapered roller bearings keep accurate spindle alignment, carry all radial and thrust loads. Take-up adjustment. These bearings permit the wide range of spindle and surface speeds essential for all types of work and cutters. Backgear drive slows spindle, provides power for heavy work. Spindle turned from steel bar.



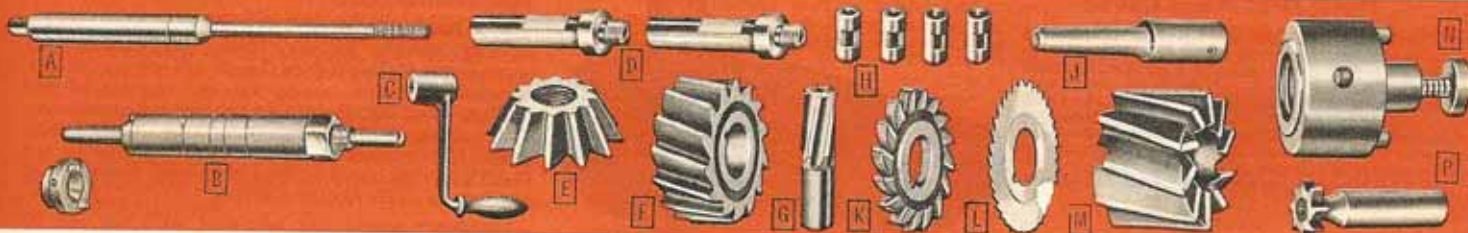
Modern V-belt drive transmits maximum power to spindle at all eight speeds (62, 130, 212, 440, 450, 870, 1400 and 2870 RPM). Quick-change-type countershaft; belt tension lever in easy reach for speed changes. Two lever positions: forward to release, back to engage. Countershaft spindle turns on Oilite bearings. Chart shows spindle speeds for belt positions.



Precision-ground table... solid grey iron casting 18 in. long, 4 1/2 in. wide, 1 3/8 in. thick. All surfaces accurately machined, top and sides precision-ground, T-slot in center of top for bolting work and attachments. V-groove on each side of T-slot for bar stock. Adjustable dog-type stop. Adjustable locking gib on table dovetail bearing.



Rugged table support. Knee casting supported by two 5 1/2-in. bearings on column ways and by telescoping elevation screw. Gib-lock permits rigid position at any height. Machined dovetail for saddle. Saddle casting has 5-in. dovetail bearings on knee, 6-in. on table. Dovetail ways hand fitted. Gib lock permits positioning saddle securely at any point on knee.



High Speed Milling Cutters for CRAFTSMAN Milling Machine

- A Draw-in Bar.** Required to hold arbors 9 A 1559F or 9 A 1560F (see B below) and shank-cutter adapter 9 A 1568F (J at right) in spindle taper. 9 A 1561F—Shpg. wt. 1 lb. 8 oz. \$4.00
- B Cutter Arbors.** Ground stressproof steel with full length keyway and No. 2 Morse taper shank. Driver threaded for spindle nose. Six precision-ground 1 3/4-in. diam. collars furnished (two 2-in., one 1-in., one 3/4-in., one 3/2-in. and one 3/4-in.). Length, shoulder to nut, 6 3/4 in. Draw-in bar 9 A 1561F (A above) required. 9 A 1559F—3/4-in. diam. (Complete with nut, six collars and driver.) Shpg. wt. 5 lbs. \$30.25
9 A 1560F—1-in. diam. (Complete with nut, six collars and driver.) Shpg. wt. 8 lbs. \$36.85
- C Crank Handle.** Required for Draw-in Bar 9 A 1561F (A above) and included with vise 99 A 1555F (opposite page). Handle is drop forged; accurately broached hole. 9 A 1562F—Shpg. wt. 1 lb. 8 oz. \$3.65

- D Arbors for Angular Cutters.** Required to hold angular cutters 9 A 2995F (E below) in shank-cutter adapter 9 A 1568F (J at right). Wt. each 8 oz. 9 A 1566F—For 7/16-in. Cutter. 24-thread... \$1.85
9 A 1567F—For 9/16-in. Cutter. 20-thread... \$1.85
- E Angular Cutters.** For face-milling, dovetailing. Threaded hole adapted to shank-cutter adapter 9 A 1568F (J at right) with arbors listed above. Shpg. wt. each 3 oz. *Stote thickness wanted.*
9 A 2995F—7/8-in. (1 1/4-in. diam., 3/4-in. hole)... \$6.95
9 A 2995F—7/8-in. (1 1/2-in. diam., 3/2-in. hole)... 7.95
- F Slab Milling Cutter.** For plain surfacing. R.H. spiral teeth. Held on arbor 9 A 1559F (B at left). 3 1/2-in. hole, 2 3/4-in. diam., 1-in. face. 9 A 1574F—Shipping weight 2 lbs. \$7.25
- G R.H. Spiral End Mills.** For slots, straight keyways, facing, routing, squaring and splining shafts. Held in shank-cutter adapter 9 A 1568F (J at right) with bushings 9 A 2985 (H at right).

Diam. (Please state)	Length flute	Wt.	9 A 2997F
1/4-inch.....	3/4-inch	3 oz.	\$2.49
3/8-inch.....	3/4-inch	3 oz.	2.59
1/2-inch.....	3/4-inch	3 oz.	2.79
3/4-inch.....	3/4-inch	3 oz.	2.98
1-inch.....	3/4-inch	3 oz.	3.25

- H End-mill Bushings.** Required to adapt all end mills 9 A 2997F except 3/2-in. diam. (see G at left) to shank-cutter adapter 9 A 1568F (J below). 9 A 2985—Shpg. wt. 4 oz. \$2.45
- J Shank-cutter Adapter.** Holds 3/2-in. straight shank cutters (end mills, angular cutters, Woodruff keyway cutters) in spindle with draw-in bar 9 A 1561F (A at left) required. 9 A 1568F—Shpg. wt. 1 lb. \$6.30
- K Side Milling Cutter.** Teeth have cutting edges on three sides. Held on arbor 9 A 1559F (B at left). 2 3/4-in. diam., 3/4-in. face, 3/4-in. hole. 9 A 1570F—Shpg. wt. 1 lb. \$6.55
- L Metal Slitting Saws.** Sides taper-ground for proper clearance. Held on arbor 9 A 1559F (B at left). 3/8-in. hole. Shpg. wt. each 8 oz.
- | Cat. No. | Diam. | Thickness | Each |
|-----------|-----------|-----------|--------|
| 9 A 1571F | 2 1/2-in. | 3/32-in. | \$4.35 |
| 9 A 1572F | 2 1/2-in. | 1/16-in. | 4.35 |
| 9 A 1573F | 2 1/2-in. | 1/8-in. | 4.50 |

- M R.H. Spiral Shell End Mill.** For wide facing cuts, surfacing, end milling. R.H. spiral teeth. Back slotted to fit pins of required driver 9 A 1565F (N below). 2-in. diam., 1 3/4 in. thick, 3/4-in. hole. 9 A 1569F—Shpg. wt. 4 oz. \$9.35
- N Shell End Mill Driver.** Required for shell end mill 9 A 1569F (M above). Threaded for spindle nose; 2 driving pins for cutter slot, pilot for cutter hole, retainer screw. 9 A 1565F—Shpg. wt. 2 lbs. \$10.45
- P Woodruff Keyway Cutters.** For cutting Woodruff keyways, slots, grooves, T-slots, etc. Straight shank—held in shank-cutter adapter 9 A 1568F (J at left). Wt. each 4 oz. *State size wanted.*
- | Diameter | Thickness | 9 A 2996F |
|---------------|-----------|-----------|
| 3/2-in..... | 3/8-in. | \$3.75 |
| 3/4-in..... | 3/16-in. | 3.98 |
| 1-in..... | 1/4-in. | 4.98 |
| 1 1/8-in..... | 5/16-in. | 5.75 |
| 1 1/4-in..... | 3/8-in. | 6.50 |

All items listed above except number 9A2985 shipped from factory in southern Michigan. You pay shipping charges from there on delivery.

CRAFTSMAN
REG. U.S. PAT. OFF.

Ball Bearing Drill Presses

Equipped with Jacobs "Safe-Lock" Chuck



The Jacobs "Safe-Lock" Chuck is exceptionally safe, amazingly accurate. Has a swiveling threaded lock collar which screws securely onto spindle of drill press.

The threaded collar keeps the chuck firmly seated on the tapered spindle... the chuck CANNOT possibly fly off the spindle regardless of speeds or type of thrust.

The Jacobs "Safe-Lock" Chuck eliminates the necessity of using special collet chucks or similar adapters for holding routing, carving or dovetailing bits.

These outstanding features make the Jacobs "Safe-Lock" one of the most important chuck improvements in years! Drill Presses 99AM2314 and 99AM2313 at right, and 99AM2364 and 99AM2362 on opposite page are equipped with "Safe-Lock" Chucks.



A
Without motor **\$97.50** CASH
\$1000 DOWN ON TERMS
\$124.95 with motor

B
Without motor **\$86.00** CASH
\$900 DOWN ON TERMS
\$113.95 with motor

Grease sealed precision ball bearings



New! Drill Press Cover

Protects pulleys, V-belt and spindles... improves appearance of your drill press. Specially made to fit over drill press heads of CRAFTSMAN models 99AM2313 and 99AM2314. Made of cast aluminum. Painted... matches color of drill press head. Complete instructions and necessary hardware for installing included. Shipped freight or express from factory in southern Michigan from where you pay transportation charges on delivery.
99 A 2312F—Shipping weight 7 lbs. **\$13.95**



CRAFTSMAN Production Table. Use with oil or coolants. 19x18 3/4 x 4 in. Cast semi-steel; 10 1/2 x 16 1/2 in. ground surface. Oil trough surrounds table; 5/8-in. x 18-thread outlet. Column bore 2 3/4 in. Fits drill presses 99AM2314, 99AM2331, 99AM2313, 99AM-2330. With Allen wrench. Pay freight or express from factory in southern Michigan on delivery.
99 A M2306F—Shipping weight 47 lbs. **\$23.00**



Drill Press Book... a "must" for all drill press owners. 32 pages covering over 100 drill press operations. Over 200 illustrations. Explains how to do drilling, shaping, sanding, mortising, dovetailing, routing and carving. Describes new uses and accessories for drill press. Paper bound. Shipping weight 2 oz.
9 A 2921..... **.25c**

CRAFTSMAN
REG. U.S. PAT. OFF.

"100" Drill Presses

Ball bearing industrial type

Drill to center of 15-inch circle. Our finest! Extra heavy duty! We believe they're unmatched ANYWHERE in this price range! Meet the most rigid demands of professional craftsmen. Streamlined head... no unsightly spindle above head. Spindle "floats" within pulley! Four sets of heavy duty, shielded, precision ball bearings; lubricated for life! Three-lever feed handle.

With Jacobs "Safe-Lock" key chuck... 0 to 1/2-inch capacity; with key. Exclusive "Perma-Coil" spiral-coil quill return-spring. Rubber cushion absorbs quill return shock; pre-loads quill bearings to take up wear and reduce spindle end play after long use. Positive-acting quill lock permits you to do routing, shaping and mortising using proper attachments. (Attachments not included; see pages 36 to 38.) Depth gauge graduated in 16ths of an inch. Accurate stop nuts may be set for repetitive drilling.

10x10-inch ground cast semi-steel table tilts 0 to 90 degrees right or left... slotted to hold fixtures. Taper pin maintains table in perfect alignment at horizontal (90 degrees) position. Base has 10x10-inch working surface.

SPECIFICATIONS	A 99AM2314	B 99AM2313
Depth of throat.....	7 1/2 inches.....	7 1/2 inches
Spindle.....	No. 33 Jacobs taper	
Bearings.....	4 sets precision ball	
Chuck capacity.....	0 to 1/2-inch.....	0 to 1/2-inch
Spindle travel.....	4 inches.....	4 inches
Quill diameter.....	1 1/8 inches.....	1 1/8 inches
Depth gauge graduations.....	3/16 inch.....	3/16 inch
Column diameter (outside).....	2 3/4 inches.....	2 3/4 inches
Table size (work surface).....	10x10 inches.....	10x10 inches
Table travel.....	43 1/2 in.....	13 3/4 in.

SPECIFICATIONS	A 99AM2314	B 99AM2313
Distance, base to chuck, maximum.....	48 inches.....	17 1/2 inches
Machine and motor pulleys (included).....	5-in. 4-step.....	5-in. 4-step
V-belt (included).....	1/2 x 44 in.....	1/2 x 44 in.
Motor recommended, minimum.....	1/2-H.P., 1750 R.P.M.	
9 speeds from.....	625 to 5000 R.P.M.	
Mounting dimensions.....	16 1/2 x 14 1/2 in., 9 1/2 x 14 1/2 in.	
Overall dimensions:		
Height.....	68 3/4 in.....	36 1/2 in.
Width.....	18 3/8 in.....	12 1/2 in.
Depth.....	24 in.....	19 in.

A 99 AM 2314—Floor model without motor. Shipping weight 179 pounds. **\$97.50**
B 99 AM 2331—Floor model (as above) with 1/2-H.P. 1750 R.P.M. capacitor ball bearing, 110-120-volt 60-cycle A.C. motor. Shipping weight 213 pounds. **\$124.95**
A 99 AM 2313—Bench model without motor. Shipping weight 137 pounds. **86.00**
B 99 AM 2330—Bench model (as above) with 1/2-H.P. 1750 R.P.M. capacitor ball bearing, 110-120-volt 60-cycle A.C. motor. Shipping weight 171 pounds. **\$113.95**
A 99 AM 2260F—Drill Press Head only. With new Jacobs "Safe-Lock" key chuck, with key; without motor pulley and V-belt. Shipping weight 66 pounds. **\$55.00**
B 99 AM 2332F—Drill Press Head only. Without Jacobs chuck, motor pulley and V-belt. Shpg. wt. 64 lbs. **47.50**
 Note: Drill Press Heads only shipped freight or express from factory in Southern Michigan. You pay charges on delivery.
Jacobs "Safe-Lock" Chuck (described and illustrated at top of page). Both models fit drill press with both 1 1/16-in. x 20-thread collar and Jacobs No. 33 taper. Chuck key included. Order your "Safe-Lock" chuck today!
9 A 2962—Capacity 0 to 1/2 in. Shipping weight 1 pound 8 ounces. **\$9.00**
9 A 2963—Capacity 3/64 to 1/2 in. Shipping weight 1 pound 2 ounces. **8.50**

Equipped with 4 sets of heavy duty, shielded, precision ball bearings...lubricated for life!



A Without motor **\$75⁰⁰** CASH
\$750 DOWN ON TERMS
 \$102.95 with motor

B Without motor **\$47⁵⁰** CASH
\$500 DOWN ON TERMS
 \$66.95 with motor

C Without motor **\$18⁵⁰**
 \$34.50 with motor

CRAFTSMAN "80" and DUNLAP Drill Presses

REG. U.S. PAT. OFF.

REG. U.S. PAT. OFF.

Just look at all the operations you can do with your drill press!

You can do all the operations at right on your drill press, AND you can cut keyways, do milling... plus dozens of other jobs. See pages 36 to 37 for useful accessories to make your drill press handier.



ROUTING



PLANING



DOVETAILING



MORTISING



SHAPING



SANDING

A CRAFTSMAN "80." Professional quality. Heavy duty type. With Jacobs "Safe-Lock" key chuck; 0 to 3/4-inch capacity; with key. Four sets heavy duty, shielded, precision ball bearings; lubricated for life!

Drills to center of 13 1/2-inch circle. With "Perma-Coil" quill return-spring. Rubber cushion absorbs quill return shock and preloads quill bearings. Adjustable stop nuts for repetitive drilling. Depth gauge graduated in 16ths of an inch. 2 1/4-inch diameter column.

Perfectly aligned table. Tapered pin holds table on support in alignment at horizontal position. Tilts 0 to 90°. Cast semi-steel; slotted for attachments.

SPECIFICATIONS:

- Depth of throat..... 6 3/4 inches
- Spindle..... No. 33 Jacobs taper
- Bearings..... 4 sets precision ball
- Chuck capacity..... 0 to 3/4 inch
- Spindle travel..... 3 3/4 inches
- Quill diameter..... 1 1/2 inches
- Depth gauge graduations..... 1/16 inch
- Outside column diameter..... 2 3/4 inches
- Table size..... 9x9 inches
- Table travel..... 14 inches
- Base size (working surface)..... 9x9 inches
- Base to chuck, maximum..... 14 inches
- Machine and motor pulley (included)..... 5-in. 4-step
- V-belt (included)..... 3/4x41 inches
- Motor recommended, minimum. 1/2-H.P. 1750 R.P.M.
- 9 speeds..... 625 to 5000 R.P.M.
- Mounting dimensions..... 8 3/4x12 1/2 inches
- Over-all dimensions: Height 31 3/4 inches; width 11 3/4 inches; depth 16 1/4 inches

99 AM 2364—Without motor. Shpg. wt. 110 lbs. \$75.00

99 AM 2366—With 1/2-H.P. 1750 R.P.M. capacitor 110-120-volt 60-cycle A.C. ball bearing motor. Wt. 144 lbs. \$102.95

99 AM 2259F—Drill Press Head only. With Jacobs "Safe-Lock" key chuck with key; less motor pulley and V-belt. Shipping weight 61 pounds. \$47.50

99 AM 2322F—Drill Press Head only. Without chuck, motor pulley or V-belt. Shpg. wt. 59 lbs. \$39.50

Note:—Drill Press heads only shipped freight or express from factory in Southern Michigan. You pay charges on delivery.

B DUNLAP. A good quality drill press. Accurate . . . does efficient work in either wood or metal.

Drills to center of 12 1/4-inch circle. Runs on three long-life, self-lubricating porous bronze bearings; ball thrust bearing absorbs spindle thrust. Famous "Floating Drive" spindle assembly eliminates side pull of belt and pulley "whip;" helps give smoother operation.

With Jacobs "Safe-Lock" key chuck (3/4 to 1/2-inch capacity) with key. Adjustable stop collar for repetitive drilling. Depth gauge accurately graduated in 16ths of an inch. With new "Perma-Coil" spiral-coil quill return-spring; rubber cushion absorbs return shock.

Smooth ground cast semi-steel table. 7 3/4x7 3/4-in. working surface on both table, base. Table does not tilt.

SPECIFICATIONS:

- Depth of throat..... 6 3/4 inches
- Spindle..... No. 33 Jacobs taper
- Bearings..... 1 ball thrust; 3 porous bronze
- Chuck capacity..... 5/16 to 1/2-inch
- Spindle travel..... 3 inches
- Outside diameter of column..... 1 1/2 inches
- Table size..... 7 3/4x7 3/4 inches
- Table travel..... 7 1/8 inches
- Base size (working surface)..... 7 3/4x7 3/4 inches
- Base to chuck, maximum..... 9 1/4 inches
- Machine and motor pulley (included)..... 4-inch 4 step
- V-belt (included)..... 3/4x37 inches
- Motor recommended, minimum. 3/8-H.P. 1750 R.P.M.
- 9 speeds..... 750 to 4000 R.P.M.
- Mounting dimensions..... 7 1/2x11 1/8 inches
- Over-all dimensions: Height 26 3/4 inches; width 10 3/4 inches; depth 15 1/4 inches

99 AM 2362—Without motor. Shpg. wt. 78 lbs. \$47.50

99 AM 2363—With 3/8-H.P. 1750 R.P.M. ball bearing split phase motor 110-120-volt 60-cycle A.C. Wt. 105 lbs. \$66.95

99 AM 2258F—Drill Press Head only. With Jacobs "Safe-Lock" key chuck with key; less motor pulley and V-belt. Shipping weight 43 pounds. \$31.50

99 AM 2318F—Drill Press Head only. Without chuck, motor pulley or V-belt. Shipping weight 41 lbs. \$25.00

Note:—Drill Press heads only shipped freight or express from factory in Southern Michigan. You pay charges on delivery.

C DUNLAP. A good, dependable, economy-priced drill press for your hobby shop or the small workshop. For drilling wood or metal.

Drills to center of 9-inch circle. Two top quality self-lubricating porous bronze bearings; one ball thrust bearing.

Adjustable head, table and idler drive. Screw on type chuck; 3/8-inch capacity. Ground steel column. Smooth ground table does not tilt. 3/4x56-inch V-belt included.

SPECIFICATIONS:

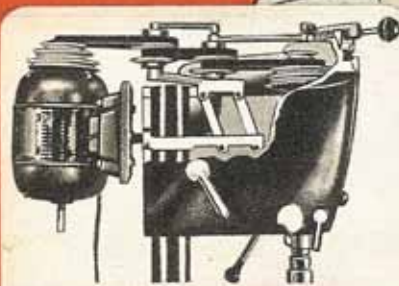
- Depth of throat..... 4 1/2 inches
- Spindle..... 3/8-in. x 20-thread
- Bearings..... 2 porous bronze; 1 ball thrust
- Chuck capacity..... 0 to 3/8 inches
- Spindle travel..... 1 1/8 inches
- Outside column diameter..... 1 3/8 inches
- Table size..... 5 1/4x5 3/4 inches
- Table travel..... 10 1/8 inches
- Base size (working surface)..... 6x6 inches
- Machine pulley (included) 3-inch 3-step for 3/8-in. V-belt
- Motor pulley (not included) 3-inch 3-step
- Motor recommended, minimum 3/4-H.P. 1750 R.P.M.
- V-belt (included)..... 3/4x56 inches
- Seven speeds..... 1150 to 3450 R.P.M.
- Mounting dimensions..... 8x6 1/4 inches
- Overall dimensions: Height 24 3/8 inches; depth 13 1/4 inches; width 7 1/8 in.

99 A 02172K—DUNLAP drill press, without motor. Shipping weight 27 pounds. \$18.50

99 AT 2188K—With 1/2-H.P. 1750 R.P.M. split phase, bronze bearing 110-120-volt 60-cycle A.C. motor and 3-step cone-type motor pulley. Shipping weight 54 pounds. \$34.50

Buy your drill press NOW on Sears Easy Terms—only a small down payment, balance monthly. See inside back cover for details.

A \$27⁵⁰
CASH
\$3.00 DOWN



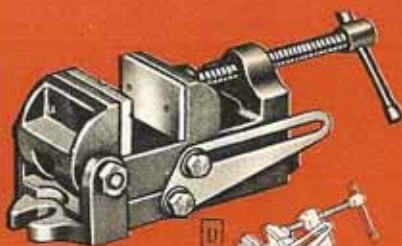
Vari-Slo Speed Control mounts right on drill press column; gives any speed from 300 to 3750 R.P.M.



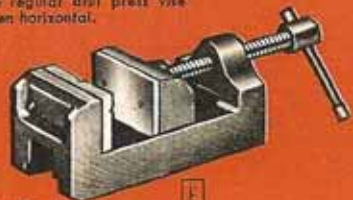
B \$49⁵⁰
CASH
\$5.00 DOWN



C \$37⁹⁵
CASH
\$4.00 DOWN



Adjusts at any angle from 0 to 90°, or can be used like regular drill press vise when horizontal.



Precision machined so that it can be used on end, or on either side, in addition to normal horizontal position.

CRAFTSMAN Drill Press Accessories to match your skill

REG. U.S. PAT. OFF.

CRAFTSMAN Vari-Slo Speed Control

A For use with CRAFTSMAN drill presses 99AM2314, 99AM2331, 99AM2313, and 99AM2330 on page 34. The only attachment we know of that gives a 12 to 1 ratio with just one hand lever, without changing belts! You can drill $\frac{1}{2}$ -inch holes in steel, and increase the R.P.M. to routing and shaping speeds in a few seconds! Enables you to select any speed from 300 to 3750 R.P.M. without stopping the spindle. Just slide the hand lever and lock it at desired speed as shown on speed indicator. Hand lever and speed indicator are located in front, at top of drill press head.

Easily and quickly installed—right on drill press column. No holes to drill or tap! Well made of tough aluminum alloy and cast Tenzaloy. Variable speed pulleys are mounted on 4 grease-sealed ball bearings; lubricated for life. All steel parts are plated to resist rust. Comes with 3 CRAFTSMAN V-belts, set screw wrench and instructions.

9 A 2340—Shpg. wt. 5 lbs. 4 oz. \$27.50

See inside back cover for Sears Easy Terms

Milling Vises

B Milling Vise. Use your drill press as a milling machine! It's an indexing table, rotary table and milling table! Use on drill presses, milling machines, surface grinders or shapers. Precision built. Table rotates 360°. Dual crossfeed $2\frac{1}{2}$ in. each side or $4\frac{1}{2}$ in. over-all; calibrated in thousandths. Rotary feed; calibrated in degrees. 99 A 02496K—Shpg. wt. 38 lbs. \$49.50
99 A 02493K—As above, but without rotary feed. Shpg. wt. 35 lbs. \$39.50

C Drill Press Milling Vise. Bolts on drill press table; adapts to shaper, lathe or grinder. Work is locked on 7x7-inch table between 2 adjustable jaws, moved to any horizontal position by 2 cross-feed controls. 6-inch travel base graduated 180°. $3\frac{1}{2}$ -inch vise capacity. Jaws 3 inches wide, $1\frac{1}{2}$ inches high. Wrench. 99 A 02432K—Shpg. wt. 32 lbs. \$37.95

CRAFTSMAN Drill Press Vises

D CRAFTSMAN Drill Press Angle Vise. Professional quality. For quick, accurate set-ups without use of clamps or wedges. Can be adjusted at any angle from 0 to 90°, or used like a regular drill press vise when horizontal. Can be used with magnetic chuck. Has hardened steel adjusting screws. Fine pitch thread; long bearing in vise body. $2\frac{1}{16}$ -in. jaws open to $2\frac{1}{2}$ in. 9 in. long over-all. Machined cast iron; has hardened steel jaws grooved for holding round or tapered pieces. Rust-resistant finish. 9 A 2756—Shipping weight 9 lbs. 12 oz. \$7.95

E CRAFTSMAN Drill Press Vise. Professional quality. Precision-squared sides make it possible to use this vise on end, or on either side, in addition to its normal horizontal position. Also can be used with magnetic chuck. Easy to set up. Bolts firmly to drill press table. Accurately machined cast iron construction; rust-resistant finish. Precision-cut adjusting screws of hardened steel; fine pitch thread and long bearing in vise body. $2\frac{1}{16}$ -in. hardened steel jaws; grooved horizontally and vertically for holding round or tapered pieces; open to $2\frac{1}{2}$ inches; $7\frac{1}{4}$ inches long over-all. 9 A 2755—Shipping weight 4 lbs. 12 oz. \$4.95



F CRAFTSMAN Slow-Speed Attachment. The right speed for every drill press job. 20 speeds from 200 R.P.M. to about 15,000 R.P.M. A complete range for the low speeds required for metal drilling even with $\frac{1}{2}$ -inch drill. Ball bearing construction. Balanced 4-step, cone-type pulley. 2 V-belts included. We recommend $\frac{1}{2}$ -H.P. 1750 R.P.M. motor (minimum).

G Fits Nos. 99AM2314, 99AM2313, 99AM2364 (pages 34 and 35), and many other drill presses with 2 or $2\frac{3}{8}$ -inch (plus .005-inch) inside diameter column. 9 A 2338—Shpg. wt. 4 lbs. 2 oz. \$11.50
9 A 2399*—(Not shown.) Fits former drill presses 2482, 2483, others with $2\frac{3}{8}$ -inch (plus .005-inch) inside diameter column. Shpg. wt. 5 lbs. \$11.50
9 A 2394F—(Not illustrated.) Fits former drill presses 2407, 2392, 2423, others with $2\frac{3}{8}$ -inch (plus .005-inch) inside diam. column. Shpg. wt. 5 lbs. \$11.50
9 A 2397F—(Not shown.) Fits former drill press 2380 and some others with 2-inch (plus .005-in.) inside diameter column. Shpg. wt. 5 lbs. \$11.50

*Shipped from factory in central Michigan

H Drill Press Collars. Locks on column under drill press head or table. Easy to swing head or table around for working at different positions. 9 A 2429—For drill presses on page 34, or any drill press with $2\frac{3}{8}$ -in. outside diam. column. Shpg. wt. 2 lbs. 8 oz. \$2.15
9 A 2427—For 99AM2364 drill press listed on page 35, or any drill press with $2\frac{3}{8}$ -inch outside diameter column. Shipping weight 2 lbs. 8 oz. \$2.15

I Head and Table Lift. For 99AM2314 and other floor model drill presses with $2\frac{3}{8}$ -in. outside diam. columns. Acme-threaded lift screw with bevel-gear drive controlled by crank handle. Both support collars have co-ordinate clamp locks. Each turn of crank gives $\frac{1}{4}$ -in. travel. Maximum travel at any one setting 12 in. Gear case and upper support collar is one piece. Ball thrust bearing; absorbs load on the screw. 99 A 02419K—Shipping weight 30 lbs. \$21.95

J CRAFTSMAN Hold-down and Guide. Fits almost any drill press table. For mortising, routing, planing or repetitive drilling. Fingers on hold-down prevent work from being lifted when chisel or drill is raised. Adjustable for thick or thin materials. Fence keeps work lined up. Attachment bolts to drill press table. Heavy cast iron construction. 9 A 2457—Shipping weight 5 lbs. 8 oz. \$4.50

K CRAFTSMAN Rotary Planer. Fits drill presses having No. 33 Jacobs taper and $1\frac{1}{4}$ -in. x 20-threaded side thrust nut or locking collar. Diameter $3\frac{3}{8}$ in. With Allen wrench. 9 A 2745—Shipping weight 8 oz. \$3.98

L CRAFTSMAN Sanding Drums. For drill presses, flexible shafts, electric drills, etc. 1-in. faces; $\frac{1}{4}$ -in. plain spindle, $1\frac{1}{2}$ in. long. Use with collet chuck. 9 A 2497— $1\frac{1}{2}$ -in. diameter. Shipping wt. 5 oz. Each 79c
9 A 2498— $2\frac{1}{8}$ -in. diameter. Shipping wt. 6 oz. Each 85c
9 A 2499—3-in. diameter. Shipping wt. 9 oz. Each \$1.10
9 A 2442—Sanding Drum Sieves. Fine or coarse grit. State diameter and grit wanted. Shipping weight 3 oz. Package of 6, 39c

M CRAFTSMAN 6-pc. Rotary Cutter Set. High speed steel cutters; $\frac{1}{4}$ -inch diameter shafts. For flexible shafts, electric drills, bench drills, etc. For carving, filing, milling, routing, chamfering on wood, plastic and metal (except hardened steel). One each of sizes and shapes listed below. 9 A 2965—Shipping weight 6 oz. 6-piece set \$6.15

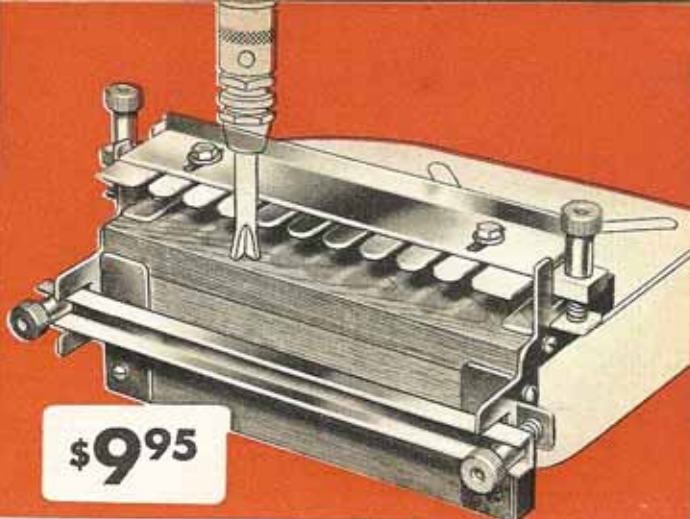
Individual Rotary Cutters. Shipping weight each 3 ounces.
9 A 2966— $\frac{1}{4}$ -inch. Cylindrical shape Each \$1.15
9 A 2967— $\frac{1}{4}$ -inch. Spherical shape Each \$1.15
9 A 2968— $\frac{1}{4}$ -inch. Elliptical shape Each 1.15
9 A 2969— $\frac{1}{4}$ -inch. Tree shape (radius end) Each 1.15
9 A 2970— $\frac{1}{4}$ -inch. Tree shape (pointed end) Each 1.15
9 A 2971— $\frac{1}{4}$ -inch. Conical shape Each 1.15

N CRAFTSMAN Circle Cutters. For small jobs. For standard bit brace. Cuts 1 to $5\frac{1}{2}$ -in. diameter. Removable bit. 9 A 3640—With set screw wrench. Shpg. wt. 10 oz. \$2.35

P Heavy duty. $\frac{1}{2}$ -in. shank for use in drill press, electric drill. Cuts holes 2 to 8 in. in diameter up to 1 in. deep. With removable high speed steel bit. Set screw wrench included. 9 A 3641—Shipping weight 10 ounces. \$4.65

Can be used with drill press head in regular position, or inverted, as shown above. Gives more rigid support, makes work easier to see.

\$10⁹⁵



\$9⁹⁵

Make Sears your headquarters for Drill Press Accessories

CRAFTSMAN Shaper Fence Attachment

Converts your drill press into a shaper! Ideal for the home craftsman. Fence gives support necessary in making picture frames, sashes, and a large variety of moldings and trimmings. Fits drill presses 99AM2314, 99AM2313, 99AM2364 and 99AM2362 on pages 34 and 35, or almost any other drill press.

Unit fastens to drill press table with wing nuts. Once installed, it can be left undisturbed during operation adjustments. Fence faces of hardwood, each 6 3/4 x 2 3/4 in., have separate finger-tip micrometer-type adjustments with 1 3/4-in. maximum forward and back travel;

and open from 1 to 3 in. Also lock separately for greater accuracy. Fence faces planed to within .005-in. accuracy after assembly of unit. One-piece cast aluminum; has opening in back for chip outlet. Cutter enclosed for maximum safety. Adjustable steel hold-downs maintain constant pressure on work; have one-screw locks... no chatter or jumping. Hold-down assembly shifts quickly to either end of unit for regular or reverse feeding. (Cutters and attachments not included; see below.)

9 A 2487—Shipping weight 5 lbs. **\$10.95**

Dovetailing Attachment

Makes perfect dovetail joints! Both pieces of wood are cut at same time. Pieces to be dovetailed held at right angles in clamp, and cutter is guided through one piece into the other. Complete with hardened steel spacing comb, to guide shank of router to predetermined depth; end plates; screw fittings and clamps for holding work; wood parts; instructions. Dovetail cutter bit not included. Use 9 A 2411 (below). 9 A 2462—For 3/4-in. dovetailing only. Shpg. wt. 5 lbs. 8 oz. **\$9.95**

Woodworking Cutters

For drill press carving, round-end mortising, dovetailing, boring, round edging, reeding and routing. Precision ground to exact size, of finest quality high speed tool steel. All have 3/4-in. shanks. Fit Jacobs "Safe-Lock" chucks, and 9A2467 or 9A2271 collet chucks described below. CAUTION: Never use these cutters in regular Jacobs or other 3-drill chucks!

Hold work against a fence to obtain parallel and accurate routing when using routing bits. (See 9A2457 hold-down guide, described on opposite page.) Shipping weight each 6 oz.

(AA)	9 A 2400—1/2-inch router	.....	\$1.20
(BB)	9 A 2401—3/4-inch router	.....	1.30
(CC)	9 A 2402—3/8-inch router	.....	1.35
(DD)	9 A 2403—1/2-inch router	.....	1.55
(EE)	9 A 2404—3/4-inch router	.....	1.80
(FF)	9 A 2410—3/4-inch dovetail	.....	1.35
(GG)	9 A 2411—3/4-inch dovetail	.....	1.55
(HH)	9 A 2415—1/2-inch carving	.....	1.55
(JJ)	9 A 2416—3/4-inch carving	.....	1.80

Power Wood Boring Countersink

KK CRAFTSMAN. New! Adapted for high speed application in drill presses and electric drills. Accommodates full range of screw sizes. Has 3/4-inch shank.

9 A 2080—Shipping weight 2 oz. **49c**

Collet Chucks

LL Collet Chuck with holding collar. For cutters above, or any 3/4 or 1/2-in. diameter shank. 3/2-in. capacity with 3/4-in. bushing. Fits any drill press with No. 33 Jacobs taper spindle. Has holding collar to screw right on drill press. Replaces three-jaw chucks for any work developing side thrust, as in routing.

9 A 2467—Shipping weight 11 oz. **\$1.75**

MM Screw-on type Collet Chuck. Use with cutters above. Fits drill press or any 1/2-in. x 20-thread spindle (see 99A02172, on page 35). Can be used with 9A2483 adapter at left.

9 A 2271—3/4-in. capacity. Shpg. wt. 3 oz. **98c**

9 A 2269—1/2-in. capacity. Shpg. wt. 3 oz. **\$1.20**

Mortising Chisel Housing

CRAFTSMAN. Cut square holes with your drill press. Housing mounts on quill. Bit drills round hole; hollow chisel trims corners square. Makes drill press an accurate mortising machine.

NN 9 A 2464—Mortising Chisel Housing. For presses 99AM2314 and 99AM2313 (page 34), and 99AM2364 and 99AM2362 (page 35). Use with 9A2420 and 9A2422 (listed below), or almost any mortising chisel and bit. Shpg. wt. 3 lbs. 8 oz. **\$3.98**

9 A 2461F—Mortising Chisel Housing. For former drill presses Nos. 2380, 2382, 2407, 2423, 2392. Use with 9A2420 and 9A2422 (below) or almost any mortising chisel and bit. Shipped from factory in Kalamazoo, Mich. You pay transportation charges on delivery from there. Shpg. wt. 3 lbs. **\$3.98**

PP 9 A 2420—Hollow Chisel. For use with 9A2464 or 9A2461F (listed above). 3/4, 3/8 and 1/2-in. Srote size. Shipping weight 4 oz. **\$2.85**

RR 9 A 2422—Mortising Bit. For use with 9A2420 (listed above). 3/4, 3/8 or 1/2-in. Please state size. Shipping weight 4 oz. **\$1.75**



Shaper Cutters and Adapters for drill press or shaper

Diagram opposite each cutter shows cut it makes. Additional cuts can be made by using only part of cutter edges. Permit you to form almost any kind of contour. Made of finest alloy steel; carefully hardened; precision machined; ground to exact dimensions. Cutters have 3/4-inch bore. Use with adapter 9 A 2483 listed and described below.

A Matched set of tongue and groove cutters. 1 in. high; 3/8-in. radius.
9 A 2365—Wt. 10 oz. **\$3.75**

B Drop Leaf Cutters. Must be used together to make drop leaf joint. Can be used separately for special cuts on boards 1/8 to 1 in. thick. 1 in. high; 3/8 in. radius.
9 A 2450—Concave Cutter. Wt. 4 oz. **\$1.90**
9 A 2451—Convex Cutter. Wt. 4 oz. **1.90**

C Large size shaper cutters. 1 in. high, 1 1/4-in. radius. Shpg. wt. each 8 oz.
(D) 9 A 2347 **\$2.75**
(E) 9 A 2346 **2.75**
(F) 9 A 2348 **2.75**
(G) 9 A 2345 **2.75**

H Small size shaper cutters. 3/8-in. radius. Shpg. wt. each 6 oz.
(H) 9 A 2319—3/4 in. high. **\$1.35**
(J) 9 A 2323—1 in. high. **1.90**
(K) 9 A 2321—3/2 in. high. **1.60**
(L) 9 A 2329—1 in. high. **1.90**
(M) 9 A 2335—1 in. high. **1.90**
(N) 9 A 2327—1 in. high. **1.90**
(P) 9 A 2333—1 in. high. **1.90**

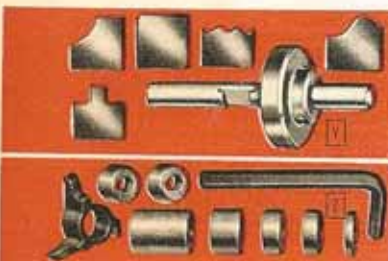
S Special shaper cutters. 3/8-in. radius. Shipping weight each 4 oz.
(R) 9 A 2380—Small Picture Frame Cutter. 1 in. high. **\$1.90**
(S) 9 A 2395—Large Picture Frame Cutter. 3/2 in. high. **1.90**
(T) 9 A 2309—Shoe Molding Cutter. 1 in. high. **1.90**
(U) 9 A 2369—Cupboard Door Cutter. 1 in. high. **1.90**
(V) 9 A 2376—Bead Cutter. 1 in. high. **1.90**

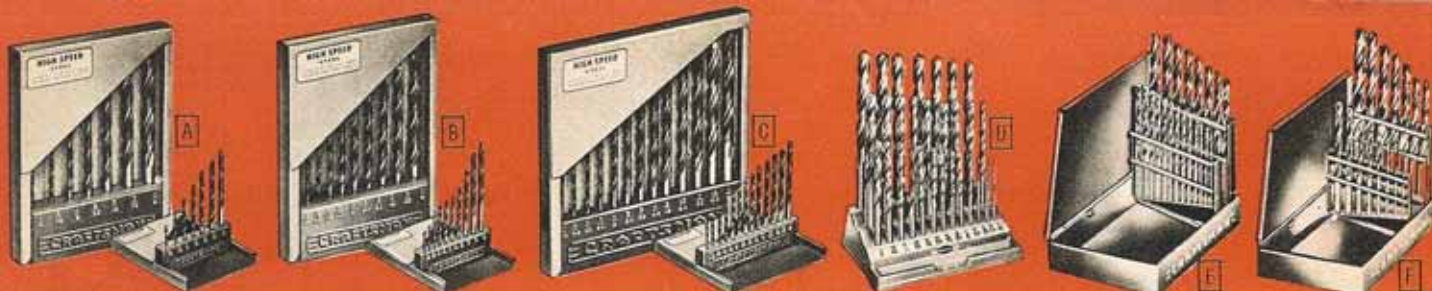
W Adapter with holding collar for all 3/4-in. bore shaper cutters. Fits 99AM2314, 99AM2313, 99AM2362 and 99AM2364 (pages 34 and 35), or any drill press with No. 33 Jacobs tapered spindle. Adapter has holding collar to screw right on drill press. 1/2-in. x 20-thread. Shpg. wt. 10 oz.
9 A 2483 **\$1.75**

X Set of 5 Shaper Collars. Mount beneath shaper cutters (above and at left) to control depth of cut on curved work. Fit 3/4-in. spindle. Shpg. wt. 6 oz.
9 A 2367 **\$1.89**

Y CRAFTSMAN Drill Press Shaper Set. Shapes almost any contour, including tongue and groove. 4 3/4 in. high; 3/2 x 3/4-in. spindle. Operates at 5000 R.P.M.; blade guard for safety. With 5 assorted tool steel blades (3/4 in. wide) and Allen wrench. Use with 3/4-in. collet chuck or "Safe-Lock" chuck.
9 A 2486—Shipping weight 10 oz. **\$2.85**

Z Sash and Door Cutter Kit. Fits 99AM2392 (page 19) and our former shaper 2381. Five spring collars (3/4, 3/8, 3/16, 1/8 and 1 in. wide) with 3/4-in. bore; sash cutter blade; Allen wrench; 2 recessed nuts (1/2 x 24 and 3/4 x 16-thread). Use with 9A2483 adapter above.
9 A 2407—Shipping weight 7 oz. **\$3.49**





CRAFTSMAN High Speed and Carbon Drill Sets in handy cases or stands

CRAFTSMAN Drill Sets in compact metal case . . . easily converted into handy stand. Has plastic drill holder marked for quick selection of drills. Use carbon steel drills for hand or breast drills; high speed steel drills for power driven tools.

A NEW! CRAFTSMAN 7-piece Drill Sets. In metal case. Includes sizes: $\frac{1}{16}$, $\frac{3}{32}$, $\frac{1}{8}$, $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$, and $\frac{1}{2}$ inch. Precision ground.

9 A 6687—Carbon steel drill set. Shpg. wt. 7 oz. . . . \$1.55
9 A 6689—High speed steel drill set. Shpg. wt. 7 oz. . . . \$2.65

B NEW! CRAFTSMAN 10-piece Drill Sets. In handy metal case. Includes sizes: $\frac{1}{16}$, $\frac{3}{32}$, $\frac{1}{8}$, $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, and $\frac{1}{2}$ inch.

9 A 6688—Carbon steel drill set. Shpg. wt. 9 oz. . . . \$1.95
9 A 6690—High speed steel drill set. Shpg. wt. 8 oz. . . . \$3.40

C CRAFTSMAN 13-piece High Speed Drill Set. Complete in handy metal case for easy selection and to keep them safe. For use in power driven tools. Sizes: $\frac{1}{16}$, $\frac{3}{32}$, $\frac{1}{8}$, $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ in. Precision ground. Shipping weight 9 oz.

9 A 6691 \$4.85

CRAFTSMAN Carbon or High Speed Steel Drill Sets in Drill Stand. Hole sizes marked in stand. Use carbon steel for hand or breast drills; high speed for power driven tools.

D CRAFTSMAN Sets of 29 Drills. $\frac{1}{16}$ to $\frac{1}{2}$ -in. by 64ths. Shpg. wt. 4 lbs. 2 oz.

9 A 6702—Carbon steel. . . \$10.50

9 A 6704—High speed. . . . \$21.75

CRAFTSMAN Sets of 60 Wire Gauge Drills. (Not shown.) Sizes 1 to 60. Shpg. wt. 2 lbs. 12 oz.

9 A 6701—Carbon steel. . . \$9.50

9 A 6707—High speed. . . . \$18.50

CRAFTSMAN High Speed Twist Drill Sets in handy metal folding cases. Professional quality . . . for home, shop or industrial use. High speed steel, hardened and tempered. Precision ground for clean, easy cutting. For use in power tools. Packed in compact metal cases. Each case contains two drill panels which fold into box like pages of a book. Each compartment marked with proper drill size and decimal inch equivalent.

E 9 A 6719—21-piece Drill Set. Sizes: $\frac{1}{16}$ to $\frac{3}{8}$ inch by 64ths of an inch. Shipping weight 2 lbs. \$11.75

F 9 A 6720—15-piece Drill Set. Sizes: $\frac{1}{16}$ to $\frac{1}{2}$ -in. by 32nds of an inch. Shipping weight 2 pounds 6 ounces. \$12.80



J \$1495
3 1/2-in. jaws

Bench and Woodworkers' Visés, Clamps, etc. . . to make your shop complete

G DUNLAP Bench Vise. You'd expect to pay much more for a bench vise of such good quality. While it does not have the EXTRA weight and EXTRA features of bench vise at right, it is dependable and well made to handle almost any job.

Husky, semi-steel body; reinforced at points of strain. Heavy U-shaped slide beam fits snugly; yet slides easily. Acme-threaded steel screw. Replaceable, oil-tempered, hardened steel jaw faces. 3 1/2-inch jaws open to 4 1/2 inches. Swivel base turns left or right a full 180 degrees . . . has positive-locking three-point contact . . . locks in any position. Sliding bar handle on base. Jaws, anvil, and handle are polished. Red finish. Actual weight 15 3/4 pounds.

99 A 05244—DUNLAP Bench Vise only, as described above. Shipping weight 17 pounds. . . . \$8.50

99 A 05243—DUNLAP Bench Vise as above, plus set of pipe jaws. Shipping weight 18 lbs. \$8.95

H 9 A 5242—Pipe Jaws only. For DUNLAP bench vise 99A05244 described above. Shipping weight 1 pound 4 ounces. Pair 69c

J CRAFTSMAN Bench Vise. By far the finest bench vise we've ever sold! Extra heavy duty . . . extra weight for extra strength . . . smoother, easier action. Superb, improved, modern design . . . really a beauty! All parts precision machined and interchangeable. Improved oval end stops help prevent pinched fingers. New-type base handle is much faster than sliding bar. Cast semi-steel construction, strongly reinforced at all points of strain. Replaceable, hardened and tempered, deep-knurled jaw faces. Cold rolled steel "U" beam slides easily . . . fits snugly . . . prevents jaw wobble. Beam completely covers screw; protects it against dirt and filings. Acme threaded steel screw has 6 threads per inch. Swivel base turns full 360 degrees; locks at any desired angle. Gray enameled finish; polished jaws, anvil and handles. Compare this bench vise with any others . . . note the price . . . then you'll buy CRAFTSMAN!

99 A 05176K—3 1/2-in. jaws; open 5 in. Shpg. wt. 29 lbs. . . . \$14.95

99 A 05169K—4-in. jaws; open 5 in. Shpg. wt. 36 lbs. . . . \$16.95

K 9 A 5167—Pipe Jaws only. For 99A05176K and 99A05169K bench vises above. Shpg. wt. 14 oz. Pair 95c

L CRAFTSMAN Woodworkers' Vise. Cast aluminum jaws, 5 1/2x5 1/2 in., open to 2 3/4 in.; have holes for mounting wood faces. Acme screw. Clamps to anything from 3/8 to 2 1/4 in. thick. 9 A 5202—Shipping weight 3 lbs. \$3.50

M CRAFTSMAN Woodworkers' Vise. Professional quality. Semi-steel jaws; has holes for mounting wood faces. Adjustable bench stop. Acme thread screw. 10-in. jaws; open to 10 in. 99 A 05200K—Shipping weight 24 lbs. \$12.75

Quick-acting Woodworkers' Vise. (Not shown.) Similar to above, but half turn of handle disengages screw and permits jaw to slide back and forth. A time saver for the busy shop. 99 A 05201K—Shipping weight 24 lbs. \$15.95

N Bench Screw. Steel, 1-inch diameter. Acme threads. 15 1/2-in. length. 14-in. hardwood handle. Make your own woodworker's vise, fruit press, etc. 9 A 6662—Shpg. wt. 5 lbs. 8 oz. \$1.98

P Gluing Clamp. Adjustable pipe style; use with 3/4-in. threaded pipe. Malleable iron construction. Crank adjustment. Sliding jaw has 1 1/2x1 1/4-in. face. Non-slip lever lock. With cap for end of pipe; without pipe. 9 A 6674—Shpg. wt. 3 lbs. 14 oz. \$2.49

R New! Improved Gluing Clamp. Designed to fit any length standard 2x4 (not included). Malleable iron. Sliding jaw. Crank adjustment. 9 A 6673—Shipping weight 4 lbs. 8 oz. \$2.49

S Cabinetmaker's Steel Clamp. Steel T-bar. 1 1/2x1 1/2x3/16 in. Has sliding jaw; 1 3/4-inch face. Locks in notches. Acme-threaded screw; crank adjustment. 99 A 06676—Please state size wanted. Opens to 3 ft. Shipping weight 8 lbs. Each \$4.95
Opens to 4 ft. Shipping weight 9 lbs. Each \$5.45

T Aluminum Alloy C Clamps. Won't rust. Close threaded screw. Smooth-sliding "T" handle. State size. Opens to 1 in. 2 in. 3 in. 4 in. Shpg. wt. 2 oz. 3 oz. 8 oz. 13 oz. 9 A 6670 29c 33c 69c 98c

U Malleable Iron C Clamps. Heavy duty. Acme-threaded screw. Self-adjusting swivel head. With sliding "T" handle. Please state size wanted. Opens to 3 in. 4 in. 5 in. 6 in. 8 in. Shpg. wt. 1 lb. 8 oz. 2 lbs. 2 oz. 2 lbs. 8 oz. 3 lbs. 2 oz. 4 lbs. 8 oz. 9 A 6667 85c \$1.10 \$1.25 \$1.45 \$1.89



Tool Cabinets

V CRAFTSMAN 4-drawer Tool Cabinet. 24-gauge sheet steel, electrically welded. 8 3/4x7 1/2x10 in. over-all. All drawers removable. 4 drawers 7 1/2x10x1 1/4 in.; each partitioned into 12 sections; partitions adjustable, removable; front of each has index card holder. Shpg. wt. 8 lbs. 9 A 6531 \$4.95

W CRAFTSMAN 8-drawer Tool Cabinet. Similar to above, except it has 8 drawers. 10x16 1/2x8 in. overall. Four drawers are 7x10x1 1/4 in.; four are 7x10x2 in. Shpg. wt. 16 lbs. 99 A 06532 \$8.95



CRAFTSMAN Steel Cabinets

X Wall Cabinet. Steel; thick plywood back. 32 in. high; 19 in. wide; 5 1/4 in. deep. Steel doors have cylinder lock with key. 2 swing-out drawers hold small items. Brackets on inside of doors for extra tools. Strong hinges. 99 A 06534L—Shpg. wt. 23 lbs. \$18.50

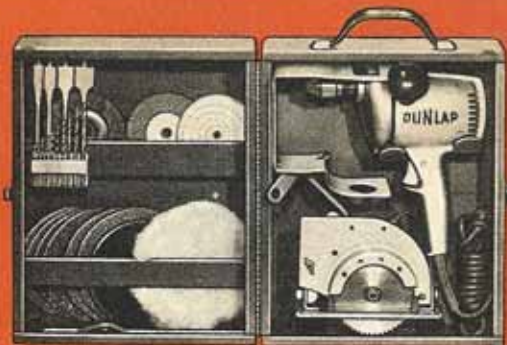
V Deluxe Roller Cabinet. Heavy 20-gauge steel. 37 1/2x28x18 1/2 in. Drawers have ball bearing rollers. 5 drawers, 22 1/2x17 1/2 in. 2 drawers 1 1/2 in. deep, partitioned; 2 drawers 3 1/2 in. deep; bottom drawer 4 1/2 in. deep. Top drawer has cylinder lock, key; locks all drawers. 4-in. swivel ball bearing casters. Front casters have side brakes. Light not included. 99 A 04362—Shpg. wt. 133 lbs. \$72.50

Z Light Fixture. Swivels 360°. 18-in. flexible cable; double outlet in base; toggle switch. Takes 100-watt lamp. 5 1/2-ft. cord; plug. For 110-120-volt, 25-60 cycle AC-DC. UL approved. 9 A 4364—Shpg. wt. 3 lbs. 4 oz. \$5.79

Portable Power Tool Shop!



Complete 32-pc. Set
\$51⁹⁵ Cash
\$550 DOWN . . ON EASY TERMS



Portable steel case stands up, or hangs on the wall



10 high speed drill bits, sizes 1/8 to 1/4 inch



4 power wood boring bits, sizes 1/2 to 1 inch



4-inch grinding wheel for sharpening tools



7 1/2-in. sheepskin bonnet for polishing



6 3/4-in. robber disc with six 7-in. abrasive discs for sanding jobs



You'll find hundreds of uses . . . wherever there is an electrical outlet!



Mer! You'll find it saves lots of time and work in polishing the car



Just the thing for sanding flat, curved, or irregular work surfaces



Drill holes up to 3/8-in. diameter in metal, up to 1-in. diameter in wood



Takes the hard work out of polishing furniture, woodwork, silverware, etc.



Saw Attachment converts power mill into portable hand saw or bench saw



Horizontal steel stand for bench use . . . ideal for grinding, polishing, etc.

New DUNLAP 32-piece Workshop Set

REG. U.S. PAT. OFF.

Packed with Power . . . Priced for Economy . . . Guaranteed One Year!

Positively the most rugged, powerful, compact, complete tool-and-saw outfit of this type we've ever seen at any price! Does almost ANY job with accessories included . . . saws, sands, drills, bores, grinds, buffs, brushes, polishes and even mixes paint.

Guaranteed one year. If this tool shows any defect in materials or workmanship, we will repair it at no charge if returned within one year from purchase date.

Strong, lightweight, die-cast aluminum alloy frame combines strength and light weight. Oil-retaining porous bronze bearings; ball thrust bearing. Helical-cut gears. Trigger switch with lock for continuous running; auxiliary knob (mounts for either right-hand or left-hand use). 1/2-inch x 20-thread spindle.

Power unit approved by Underwriters' Laboratories, Inc. Has powerful 22-H.P. universal motor; 110-120-volt, 25 to 60-cycle A.C.-D.C. Develops 3/2-H.P. maximum. Free disc speed 2000 R.P.M. 8-ft. cord with plug.

Complete 32-piece Outfit includes: Power unit with 9 A 2631 saw attachment (described at right); 4 new-type power wood boring bits (3/8, 1/2, 3/4, and 1-in.); 7 1/2-in. sheepskin bonnet; 6 3/4-in.

rubber sanding disc; six 7-in. abrasive discs; adapter kit (2 flanges, 2 hex nuts); 3/4-in. chuck; 4-in. cloth buffer; 10 high-speed drill bits; paint mixer; horizontal steel bench stand; 4-in. grinding wheel; 4-in. wire wheel; and 14 3/4 x 12 x 6 3/4-in. portable steel case (stands up, or hangs on wall).

- 99 A 01708K—Complete 32-piece Outfit, as described above. Shipping weight 21 pounds. . . . \$51.95
- 99 A 02567—27-piece Set. Similar to above, but without saw attachment or 4 power wood bits, and with smaller (5 1/2-in.) rubber disc, 6-in. sheepskin bonnet, 6-in. abrasive discs, and smaller carrying case. Shipping weight 15 lbs. . . . \$35.95
- 9 A 2569—10-piece Set. Power unit, with sheepskin bonnet, rubber sanding disc, 6 abrasive discs, and adapter kit, as in set 99 A 02567 above. Without case. Shpg. wt. 12 lbs. . . . \$24.95
- 9 A 2631—Saw Attachment only. Medium duty (not for heavy production use). Depth of cut adjustable from 3/8 to 1 3/4 in.; tilts 90 to 45 degrees. With 4-in. blade. Shpg. wt. 4 lbs. . . . \$10.95
- 9 A 2531—Set of 6 Replacement 7-in. Abrasive Discs. 3/4-in. center hole. Fit sets above; also for any other 7-in. application with solid or hole-type sanding plates. Includes 2 fine, 2 medium and 2 coarse sanding discs. Shpg. wt. 9 oz. . . . 6 for 49c

Equip your shop NOW on Sears Easy Payment Plan. See inside back cover for complete information



Extra Heavy Duty Extension Cord for Power Tools

25-ft. Rubber-covered Motor Cord for power tools and large motors. Two heavy (10-gauge) conductors will carry approximately 2800 watts. Several cords plugged together carry full load up to 100 ft. UL approved. With male plug and female receptacle attached. Shipping weight 4 lbs. 11 oz. 34 A 5884. . . . Each \$8.50

\$850



A 26-piece Set
\$22.95
 CASH
 ONLY \$2.50 DOWN
 ON SEARS EASY TERMS



B 26-piece Set
\$27.95
 CASH
 ONLY \$3.00 DOWN
 ON SEARS EASY TERMS

DUNLAP Electric Drill Sets.. low priced.. many uses



Drills wood, metals, plastics, etc.



Polishes cars amazingly fast and easy.



Polishes and waxes furniture, etc.



Bufs silverware and other metals.



Grinds and sharpens knives, tools, etc.



Sands floors, furniture, etc.—fast!



Mixes paints and other liquids.

26-piece and 31-piece DUNLAP 1/4-in. Drill Sets

A Same drill as in set at right, but not chrome plated; regular 3/4-in. 3-jaw chuck instead of geared chuck. 1500 R. P. M.
 26-piece set includes: 10 high speed drill bits (1/16 to 3/8-in.), 4-in. cloth buffing wheel, 3-in. grinding wheel, 4 3/8-in. rubber sanding plate, 6 abrasive discs, 5 1/2-in. sheepskin polishing bonnet, adapter, paint mixer, horizontal stand, auxiliary handle, steel case.
 9 A 2574—Shipping wt. 10 lbs. \$22.95
 9 A 2579—31-piece set. All of 26-piece set PLUS 36-in. flexible shaft for 3/4 and 3/32-in. shank tools, 2 mounted abrasive wheels, mounted saw cutter, fluted cutter.
 Shipping weight 12 lbs. \$27.95

9 A 2575—DUNLAP 1/4-inch Electric Drill only. Shpg. wt. 4 lbs. 2 oz. \$14.95
 9 A 1706—Flexible Shaft Kit. Same as in 31-pc. set, plus 100 small accessories, including sanding and abrasive discs, felt buffers, 3 mounted stones, 2 mandrels, 2 cutters. Shipping weight 1 lb. \$7.49
 5-inch abrasive discs (not shown). Aluminum oxide on paper. Fit sanding plates 4 3/8 through 5 inches in diameter.
 9 A 2542—Pkg. of 3. Open coat grit, for heavy or old stock removal; paint or varnish removal. Shpg. wt. 3 oz. 25c
 9 A 2543—Pkg. of 6 (3 medium and 3 fine). Shipping weight 4 oz. 25c

DUNLAP DeLuxe Drill . . . 26-piece Set

B New! With extra-accurate, strong-gripping "Supreme" geared key chuck (3/4-in.). New! Chrome-plated lightweight aluminum alloy housing . . . attractive AND easy to keep clean! A precision-built intermittent-duty drill powerful enough to drive 3/4-in. bits in steel, 1/2-in. bits in wood. *UL approved.* Precision bronze bearings and triple reduction gears. 1500 R.P.M. drill is 12 in. long. Formex insulation. 110-120-volt 25 to 60-cycle AC or DC. 6-ft. rubber covered cord, and plug. Trigger switch locks for continuous running.
 Accessories included in set: 10 high speed drill bits (1/16 to 3/8-in.), 4-in. cloth buffing wheel, 3-in. grinding wheel, 4 3/8-in. rubber sanding plate, six 5-in. replacement abrasive discs, 5 1/2-in. sheepskin polishing bonnet, adapter, paint mixer, horizontal drill stand (use drill as bench tool), auxiliary side handle (for two-hand operation), 13x6 1/4x6-in. steel case.
 9 A 1711—26-piece set (as described above). Shpg. wt. 11 lbs. \$27.95
 9 A 1709—DUNLAP Drill only (as in set). Shpg. wt. 5 lbs. 6 oz. \$19.50



C Drill Set
\$16.95



Your choice . . . only
\$38.95
 CASH
 \$4.00 Down
 on Sears Easy Terms



DUNLAP 22-piece 1/4-in. Drill Set

C Drill, sand, polish, grind, buff, even mix paint with ONE tool! Can drive 3/4-inch bits in steel, 1/2-inch bits in wood. *UL approved.* Aluminum alloy frame. 3/4-inch 3-jaw chuck. Precision bronze bearings and triple reduction gears. Chuck speed 1500 R.P.M. 8 1/2 in. long; trigger switch with lock. Formex insulation. 110-120-volt 25 to 60-cycle AC or DC. With 6-foot cord and plug.
 All the premium features above PLUS the following accessories: 5 high speed drill bits (1/16 to 3/8 in.); 3-inch cloth buffing wheel; 2 3/4x3/8-inch grinding wheel; 3 3/4-inch rubber sanding disc; 6 each, 4-inch assorted garnet sanding discs; 4 1/2-inch sheepskin polishing bonnet; 6-piece adapter set; drill side handle; paint mixer; 3x3/8-inch wire wheel; horizontal drill stand for using drill as a bench tool; 12x5x4-inch steel case.
 9 A 2588—Shipping weight 8 lbs. \$16.95
 9 A 2544—Aluminum Oxide Sanding Discs. Fit sanding plates up to 4-inch diameter. Package of six; two each fine, medium and coarse. 3/4-in. arbor hole. Shpg. wt. 4 oz. Package 25c

More for your money

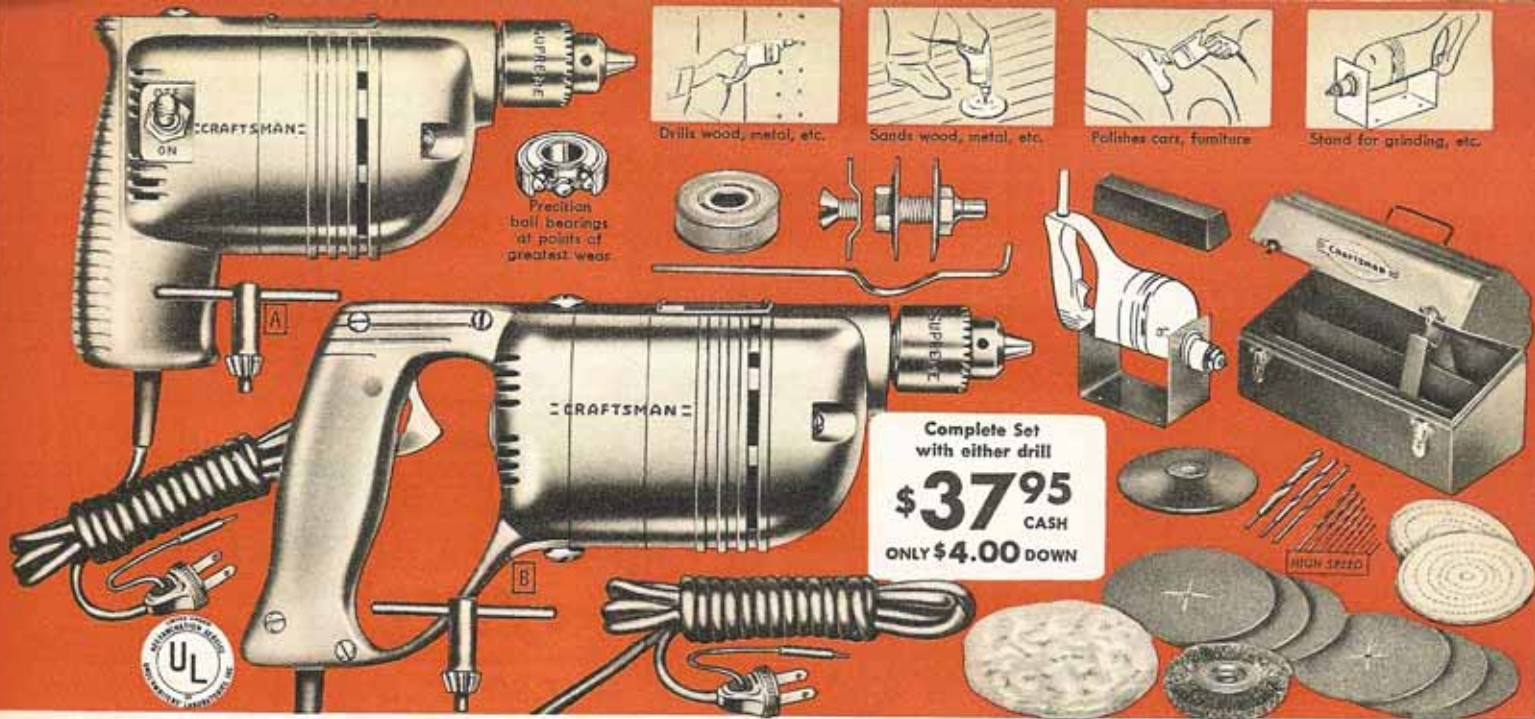
. . . with a CRAFTSMAN "100" Drill! Laboratory comparison with two famous heavy duty drills shows the Craftsman "100" similar in performance . . . at a huge saving! Actually it sells for even less than standard duty drills by the same makers!

	Sears drill	Drill X	Drill Y
Maximum H.P. . . . .	.20	.234	.194
Full load H.P. . . . .	.15	.16	.138
No load R.P.M.	1600	1700	1800
Full load temperature rise	53°C	52.5°C	42°C
Efficiency	51.4%	53.5%	51.2%
U.L. approved	YES	NO	NO
Price	\$38.95	\$45.00	\$45.00

CRAFTSMAN "100" Drills, 1/4-in. heavy duty

Genuine heavy duty design—priced less than many standard duty drills! For continuous production work. The finest combination of power, size and weight in a 3/4-in. drill we've ever seen. *UL approved.* (Industrial standards.) Meet Dept. of Commerce Commercial Standards. Super-powered, 110-120-volt 25-60 cycle A.C.-D.C. universal motor; won't stall on toughest jobs. Strong, lightweight, die cast aluminum alloy frame. Finest large "Supreme" precision geared key chuck. Double-reduction, nickel-chrome-molybdenum steel gears. Two precision ball bearings on motor shaft; two on gear spindle; one for thrust. Needle bearing on chuck spindle. No-load chuck speed 1600 R.P.M. Trigger switch; safety release; lock for continuous running. 10-foot 3-wire cord; plug.
D 9 A 2570—Pistol-grip Drill, 7 3/8 in. long. Shipping weight 5 pounds 4 ounces. \$38.95
E 9 A 2571—Saw-grip Drill, 10 3/4 in. long. Shipping weight 5 pounds 4 ounces. 38.95

See inside back cover for details of Sears Easy Terms



CRAFTSMAN "80" 31-piece Electric Drill Sets

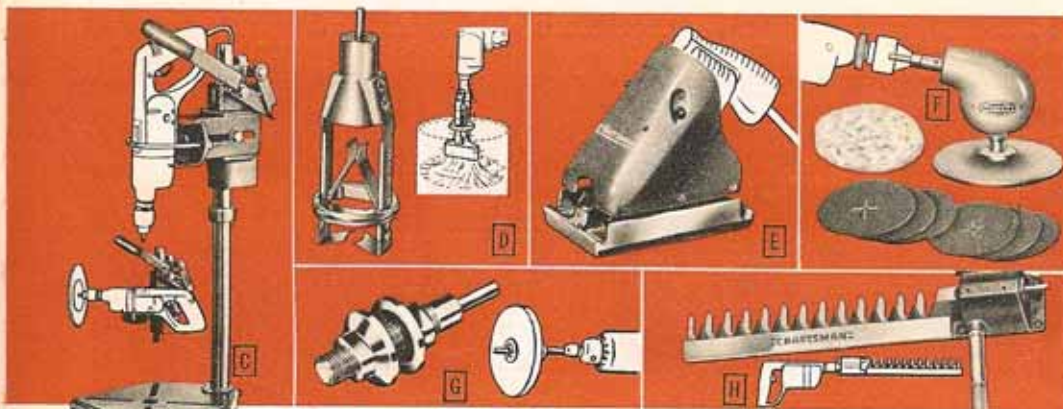
Real POWER . . . and easy to handle . . . 1/4-inch bit won't stall in steel plate!

These CRAFTSMAN drills are powerful little brutes that have become tremendously popular in taking the place of large, heavy, hard-to-handle drills. *Actually weigh less than 3 pounds!* And we couldn't stall them using a 1/4-in. bit on steel! We've found these sets much superior to other well-known brands in this price range. **Many uses . . .** drilling, sanding, polishing, buffing, even mixing paint.

UL Approved. Light, strong die-cast aluminum alloy frame. Ball bearing construction gives exceptionally smooth operation and long life. Precision ball bearing in front end of motor; self-aligning rear bearing. Spindle needle bearing; ball thrust bearing. Double reduction gears, machine-cut from special alloy steel, permit compact design for close-quarter clearance. Finest precision "Supreme" geared key chuck with 1/4-in. capacity. No-load chuck speed 1600 R.P.M. Powerful universal motor for 110-120-volt 25 to 60-cycle AC or DC. With 10-ft. 3-wire rubber covered cord and unbreakable plug. Trigger switch has lock for continuous running.

Accessories in Set. 10 high speed drill bits (1/16 to 3/4 in.); 3 wood bits (1/16, 3/8, 1/2 in.); two 4-in. buffers; 3x3/4-in. grinding wheel; 5-in. rubber sanding disc; adapter; 6-in. sheepskin bonnet; 4-in. wire scratch wheel; six 5-inch sanding discs; buffing compound; paint mixer; drill stand for using drill as bench tool; steel case. (Pistol-grip drill is 7 3/4 in. long; saw-grip drill, 9 3/4 in. long.)

- 9 A 1700—Set, with Pistol-grip Drill. Shipping weight 12 lbs. \$37.95
- 9 A 1701—Set, with Saw-grip Drill. Shipping weight 12 lbs. 37.95
- (A) 9 A 2577—Pistol-grip Drill only. Shipping weight 4 lbs. 6 oz. 25.95
- (B) 9 A 2578—Saw-grip Drill only. Shipping weight 4 lbs. 10 oz. 25.95
- 9 A 2542—Replacement Abrasive Discs. 5 in. Plg. of 3. Open coat grit . . . ideal for heavy sanding like paint or varnish removal. Shipping weight 3 oz. 25c
- 9 A 2543—Abrasive Discs. Pkg. of 6 (3 medium, 3 fine). Shipping weight 4 oz. 25c



Accessories to make your Drill more useful

DUNLAP Drill Press Stand

(C) Now you can convert any 1/4-inch electric drill on pages 40 and 41 into a fast, accurate, sturdy drill press. Greatly increases drill's usefulness . . . ideal for maintenance shops and hobbyists.

Drills can be easily installed in clamp and quickly aligned. Clamp can be rotated 360° (see small illustration above) to permit horizontal polishing and sanding as well as vertical drilling. Feed handle has compound leverage . . . makes it easier to drill through steel. Built-in compression spring holds drill in raised position when not in use. Maximum head travel, 2 3/4 in. Outside column diameter, 1 3/4 in. Depth-of-cut collar. Cast iron base table has 6x6-in. ground working surface; with center hole and diagonal slots. Overall height 25 in. Can also be used with 9A2516 electric hand grinder (see page 43). Shipping weight 16 pounds.

99 A 02589 \$12.95

(D) **Spin-A-Brush Attachment.** Cleans paint brushes in 90 seconds. Fits 1/2-in. electric drills or larger of 1600 RPM or less. Durable clamp; die-cast cup and ring; steel arms; nickel finish. 3/4-in. diameter steel shank.

9 A 2605—Shpg. wt. 1 lb. \$2.19

(E) **CRAFTSMAN Sander-Polisher.** Changes a 1/4-in. drill into an efficient tool for sanding or polishing furniture, woodwork, walls or other flat surfaces. Cast aluminum housing and base plate. Sealed ball bearing on eccentric drive. 3 3/4 x 7-in. oscillating pad. 6 1/2 in. high. With wrench and instructions.

9 A 2603—Shpg. wt. 2 lbs. 8 oz. . . . \$9.95

(F) **CRAFTSMAN Angle-Drive Buffer-Sander-Polisher.** New 10-pc. set. Angle design avoids awkward wrist position. Never needs oil. Makes possible 2 speeds in addition to regular drill speed. Set includes angle head, speed adapter, polishing bonnet, flexible rubber sanding plate, 6 sanding discs.

9 A 2604—Shpg. wt. 2 lbs. \$6.85

(G) **Arbor for Electric Drills.** Can be used for holding grinding wheels, wire wheels, buffing wheels, etc. Carbon steel. 3/4-in. shank; 1/2-in. x 20-thread arbor. 1 3/4-in. flanges with nuts. 3 3/4 inches long overall. Shipping weight 6 ounces.

9 A 2594 60c

(H) **CRAFTSMAN Electric Drill Hedge Trimmer Attachment.** Easy to attach . . . simple to use. Fits all electric drills with 1/2-inch or larger chuck and 1600 to 2500 R.P.M. Same 3/4-inch stroke used by nearly all higher priced trimmers! Simple cam construction and gear reduction drive. Tempered sickle-type chrome-alloy steel blade cuts in both directions. 10 3/4-inch blade; 8 3/4-inch cutting edge and 1/16-inch twig openings. Shpg. wt. 3 lbs. 5 oz.

9 A 2607 \$10.95

CRAFTSMAN Roto-Saw

MAKES POWER SAW OR FILE OF DRILL OR DRILL PRESS



Electricians! Tiners! Plumbers! Hobbyists! You'll find work-saving short-cuts to hundreds of sawing jobs with this new Roto-Saw! Converts your electric drill to a portable power saw or filing machine . . . converts drill press for stationary use. Cuts straight or irregular shapes in wood, metal, wallboard, etc. Ideal for close-quarters work; for cutting bolts, sheet metal, etc.; and for filing and burring.

Includes: Auxiliary handle (for 2-hand use); hex wrench; drill press adapter; coarse blade for wood, wallboard, plaster, etc.; fine blade for sheet metal, tubing, etc.; medium blade for intricate shapes; instructions. (Also uses standard hack saw blades and files.)

For drills with 1600 to 2500 R.P.M. spindle speed. Two moving parts; no gears or springs. Light-weight die-cast case. 3 3/4 in. long.

9 A 2508—Shipping weight 2 lbs. \$9.95



Drive twist drills



Drive wood augers



Drive cylinder grinder



16-piece set
\$56.95 CASH
\$6.00 DOWN . . . On Easy Terms



WOOD BORING



CARBIDE TIPPED



HIGH SPEED



\$74.95 CASH
\$7.50 DOWN . . . On Easy Terms

Heavy Duty Electric Drills . . 1/2-inch capacity or more

16-piece DUNLAP 1/2-inch Electric Drill Set

Here's a set designed to give you all-around heavy duty service on the farm, in the garage, or in the shop! Our popular, compact DUNLAP 1/2-inch drill . . . PLUS a special selection of 15 practical, high-quality accessories. This rugged drill will easily drive 3/8-inch bits in steel and 1-inch bits in hardwood. Drills even larger holes with expansive bit (included in set). Approved by Underwriters' Laboratories. "Supreme" precision-gear key chuck; 3/4-inch capacity. Self-lubricating bronze bearings; ball thrust bearing on chuck spindle. Stress-proof alloy steel triple reduction gears. Double-pole automatic releasing switch locks for continuous running. Powerful universal motor for use on 110-120 volt, 25 to 60-cycle AC or DC. No-load spindle speed 425 R.P.M. Drill comes complete with 7-foot, 3 wire rubber covered cord; unbreakable plug. Overall length 14 inches.

Accessories in set: 3 power wood bits (3/8, 3/4, 1-inch); 12-inch power wood bit extension; 3 carbide-tipped masonry bits (3/8, 3/4, 1-inch); 3 high speed bits (3/8, 3/4, 1-inch); expansive power wood bit (see 9 A 2087 below); 6-inch wire wheel; 2 3/4-inch wire cup brush; adapter; and CRAFTSMAN all-steel mechanics' tool box.

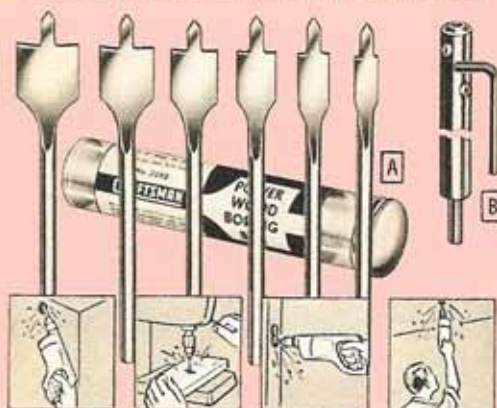
99 A 01130K—Complete 16-piece Set. Shipping weight 27 pounds. \$56.95
 9 A 2583—DUNLAP 1/2-inch Drill only. Shipping weight 10 pounds. 34.95

CRAFTSMAN production-type Drills

By far our finest ball-bearing electric drills. Extra heavy duty. Built for heaviest production work in shop, factory or mill. Has plenty of surplus power . . . won't stall on any job when used with the largest drill size specified. Approved by Underwriters' Laboratories. Meets Department of Commerce commercial standards. Special triple reduction gears made of heat-treated chrome nickel steel . . . supply extremely high torque. Smooth running, long life ball-bearings throughout for quiet, efficient operation. Jacobs geared key chuck. Lightweight aluminum alloy frame. Double pole switch locks for continuous running. Top and rear handles removable for close quarter work. Heavy-duty, universal motor for 110-120 volt, 25 to 60-cycle AC or DC. With 10-foot, 3-wire rubber covered cord and unbreakable plug.

Catalog Number	Size	R.P.M.	Shipping weight	Price
99 A 02585K	1/2-inch	750	21 pounds	\$74.95
99 A 02586K	3/4-inch	525	22 pounds	81.00
99 A 02587K	1-inch	475	21 pounds	85.00

New Type Power Wood Bits



Bore at any angle Use for drill press boring Fine for end grain boring Convenient one-hand use

A CRAFTSMAN new flat design allows you to drill holes in wood from 3/8 to 1 inch in diam., with a 1/2-inch electric drill. Drills through knots and nails. Heat-treated alloy steel. 6 1/2 inches long. Drills holes up to 5 1/2 in. deep.
 9 A 2092—Set of 6, one each of sizes below in plastic case. Shipping weight 12 ounces. \$4.98
 Separate sizes Each 89c
 9 A 2093—3/8 in. Shipping weight 2 ounces.
 9 A 2094—1/2 in. Shipping weight 2 ounces.
 9 A 2095—3/4 in. Shipping weight 3 ounces.
 9 A 2096—1 in. Shipping weight 3 ounces.
 9 A 2097—1 1/4 in. Shipping weight 3 ounces.
 9 A 2098—1 in. Shipping weight 3 ounces.
B 9 A 2090—12-in. Power Bit Extension. Fits above bits. Ideal for drilling into narrow places between rafters, joists, etc. Shpg. wt. 12 oz. \$1.89



\$10.95

CRAFTSMAN Saw Attachment

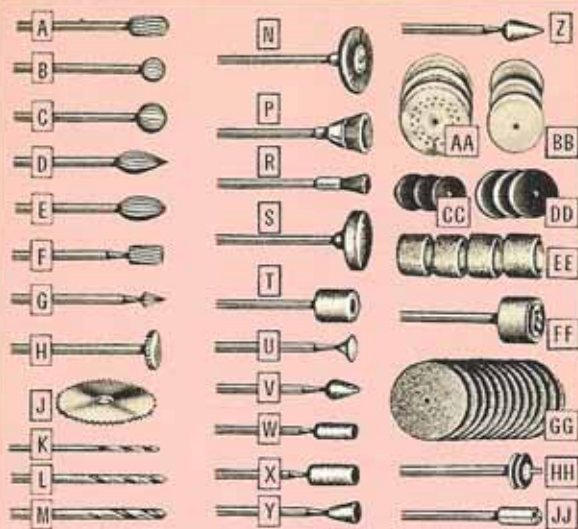
C Add this circular saw attachment to your electric drill and you have a portable hand saw! Or you can mount it on a table and use it as a small bench saw! Makes your drill much more useful . . . an excellent saw for anyone who has occasional need for a power saw. Fits almost all electric drills with a 3/4-inch capacity or larger . . . and gives you a rugged, medium-duty saw that will cut through lumber up to 1 1/2-inch thick. Performs with quality of drill & power available. (Not recommended for heavy production use.) Eliminates much tiresome hand sawing . . . turns out professional work you'll actually enjoy doing. Attaches quickly and easily; rigid support for drill. Weighs only 3 pounds. Geared 1 to 1. Self-lubricating bronze bearings. 4-inch blade. Adjustments for depth of cut (from 0 to 1 1/2 inch) and angle of tilt (90 to 45 degrees).
 9 A 2606—Shpg. wt. 4 lbs. \$10.95
 9 A 4910—4-inch Blade. For Saw Attachment above. 1/2 or 3/8-inch arbor. Shipping weight 8 ounces. \$1.19



Special-purpose Bits, Masonry Drills

D Expansive Wood Boring Bit. Drills holes up to 2 3/4-in. diam. (Use on wood only.) Adjustable from 1 1/4 to 2 3/4-in. For electric drills, drill presses, other power-driven tools. 3/4-in. shank. High-speed steel. Allen wrench.
 9 A 2087—Shipping weight 4 oz. \$1.98
 9 A 2086—Replacement Blade for above. Shpg. wt. 2 oz. 95c
E CRAFTSMAN High Speed Countersink Bit. For metal or wood. Use in electric drills, drill presses, flexible shafts . . . any hand drill or power-driven tools. Five flutes; 82° head. High-speed steel. 3/4-in. round shank.
 9 A 6716—Shipping weight 4 oz. \$1.25
F CRAFTSMAN 4-piece Wood Bit Set. Precision ground; carbon steel. 3/8-in. diam. Round shank. Use in wood only in any electric drill. Sizes 3/8, 1/2, 3/4, 1 in. Length 5 3/16 in.
 9 A 6721—Shipping weight 8 oz. 4-pc. set \$1.98
G CRAFTSMAN Masonry Drills. Carbide tips. Spiral flutes. Round shank. For stone, brick, concrete, etc.
 9 A 6731—Set of 6; one each of sizes below. In fabric case. Shipping weight 2 pounds. \$12.00
 9 A 6730—Individual Drills. State size wanted.

Size, inch	1/4	3/8	1/2	3/4	1	1 1/4
Shank, inch	1/4	3/8	1/2	3/4	1	1 1/4
Length, inches	4	4	4	6	6	6
Shpg. wt. oz.	4	4	6	8	10	12
Each	\$1.35	\$1.55	\$1.70	\$1.95	\$2.40	\$3.20



CRAFTSMAN Rotary Tool Accessories

For all tools on this page. Shipping weight each 2 ounces

- A 9 A 2670—Barrel cutter. Diameter $\frac{7}{32}$ in. 59c
- B 9 A 2636—Ball cutter. Diameter $1\frac{1}{2}$ inch. 59c
- C 9 A 2671—Ball cutter. Diam. $\frac{7}{32}$ inch. 59c
- D 9 A 2672—Flame cutter. Diameter $\frac{7}{32}$ inch. 59c
- E 9 A 2673—Egg cutter. Diameter $\frac{7}{32}$ inch. 59c
- F 9 A 2674—Cylindrical cutter. $\frac{1}{8}$ -in. diam.; $\frac{1}{16}$ in. long. 65c
- G 9 A 2837—Conical cutter. Diameter $\frac{3}{8}$ in. x $1\frac{1}{4}$ in. 59c
- H 9 A 2656—Saw cutter. Diameter $\frac{3}{8}$ in. 69c
- J 9 A 2689—Saw blade without mandrel. Diameter $\frac{3}{8}$ inch. 39c
- K 9 A 2684—High speed drill. Diameter $\frac{1}{16}$ inch. 35c
- L 9 A 2685—High speed drill. Diameter $\frac{3}{32}$ inch. 35c
- M 9 A 2686—High speed drill. Diameter $\frac{1}{8}$ inch. 35c
- N 9 A 2679—Disc type bristle brush. $\frac{3}{8}$ -in. diameter. 15c
- P 9 A 2680—Cup type bristle brush. $\frac{3}{8}$ -in. diameter. 15c
- R 9 A 2681—Mounted portable polishing brush. $\frac{3}{16}$ -inch diameter. 15c
- S 9 A 2653—Mounted abrasive flat wheel. 1-in. diam.; $\frac{1}{8}$ -in. thick. Shapes, smooths. 35c
- T 9 A 2654—Mounted abrasive cup wheel. $\frac{1}{8}$ -inch diameter; $\frac{1}{2}$ inch long. 35c
- U 9 A 2675—Mounted abrasive knife wheel. $\frac{3}{8}$ -in. diam. 29c
- V 9 A 2676—Mounted abrasive tapered wheel. $\frac{1}{4}$ -inch wheel. 29c
- W 9 A 2677—Mounted abrasive cylinder wheel. $\frac{3}{16}$ -inch diam.; $\frac{1}{2}$ inch long. 29c
- X 9 A 2678—Mounted abrasive cylinder wheel. $\frac{1}{4}$ -inch diam.; $\frac{1}{2}$ inch long. 29c
- Y 9 A 2831—Mounted abrasive conical wheel. $\frac{1}{4}$ -inch diam.; $\frac{1}{4}$ inch long. 29c
- Z 9 A 2832—Mounted abrasive flame wheel. $\frac{1}{4}$ -inch diam.; $\frac{3}{8}$ inch long. 29c
- AA 9 A 2951—Set of 3 buffing wheels. 1 $\frac{1}{4}$ -in. diam. 35c
- BB 9 A 2977—Set of 3 felt buffers. 1-in. diam. x $\frac{1}{4}$ -in. 35c
- CC 9 A 2953—3 knife-edge rubber wheels. $\frac{3}{8}$ -in. diam. 29c
- DD 9 A 2952—Set of 3 rubber-bonded polishing wheels. $\frac{3}{8}$ -inch diameter x $\frac{3}{4}$ -in. 29c
- EE 9 A 2699—Set of 4 replacement sanding sleeves for sanding drum assembly (FF) listed below. 25c
- FF 9 A 2696—Mounted sanding drum with sanding sleeve. $\frac{3}{8}$ in. diam.; $\frac{1}{2}$ in. width. 39c
- GG 9 A 2691—Set of 12 silicon carbide discs. 1-in. diam. $\frac{1}{32}$ in. thick. Mounting hole size $\frac{1}{16}$ -in. diam. 29c
- HH 9 A 2666—Mandrel. Nut and washer type. 17c
- JJ 9 A 2667—Mandrel. Screw-in-end type. 17c

Buy on Sears Easy Term! See inside back cover.



Deburring castings. Also cleans, brushes, sands, cuts, carves, sharpens.



Polishing with rubber-bonded wheel, can buff, rout and drill, tool



Grinding on die work... Engraves and etches... valuable for tool rooms.



Complete Set
\$26.95 CASH
\$3.00 DOWN

- (1) Exclusive 3-jaw chuck adjusts $\frac{1}{4}$ to $\frac{1}{2}$ in. Takes $\frac{7}{32}$ and $\frac{1}{16}$ -in. shank tools, wire gauge drills.
- (2) Big tool construction. Shaft straddle mounted on two large bearings. Ball thrust bearing.
- (3) Built-in condenser cuts static.
- (4) 50% more power than other rotary tools in this class.
- (5) Scientifically designed fan runs cool even after hours of use.
- (6) Removable plug-in type cord.
- (7) Functional design, easy to hold.

Bench stand swivels 120°

CRAFTSMAN Rotary Tool Set

REG. U. S. PAT. OFF.

Yes—actual laboratory tests prove that the CRAFTSMAN Rotary Electric Tool has 50% more power than other rotary tools of this type and size. This means that it takes bigger loads without stalling. We believe it is America's finest electric rotary tool . . . we know of NO other tool of this type which even approaches this CRAFTSMAN at ANY price!

Meets the most rigid demands of precision tool room work and continuous production line demands . . . wonderful tool for hobbies . . . hundreds of uses! Drills, grinds, polishes, sharpens, engraves, saws, sands, routs, cleans, carves, buffs, brushes, cuts, etc. Can be used on wood, metal, glass, plastics, leather, etc.

Approved by Underwriters' Lab. We believe this is the ONLY tool of this type with this expensive kind of chuck (see above).

Convenient on-off switch. Finger rest keeps fingers in natural position; helps prevent sliding. Strong aluminum housing . . . no plastic is used! Powerful 15,000-R.P.M. motor for 110-120-volt, 25 to 60-cycle A.C. or D.C. With 52 accessories, all shown at left, including cutters, saws, drills, brushes, polishing wheels, emery wheels, sanding drum, extra mandrels, adjustable steel bench stand, chuck wrenches, motor replacement brushes, 6-foot cord, etc. Comes in 11x8 $\frac{3}{4}$ x2 $\frac{1}{2}$ -inch case.

- 9 A 2950—Complete 54-piece set. Shipping weight 4 pounds. **\$26.95**
- 9 A 2949—Rotary Electric Tool only, with cord and plug. Shpg. wt. 2 lbs. **21.95**

CRAFTSMAN Rotary Electric Tool

Excellent for home or shop . . . for hobbyist or professional . . . priced much lower than similar tools. Grinds, drills, routs, carves, saws, cuts, engraves, sharpens, polishes, buffs, brushes, cleans, etc. Use on wood, metal, glass, etc. UL Approved. 15,000-R.P.M. motor; 110-120-volt 25-60-cycle A.C. or D.C.; $2\frac{1}{2}$ times more powerful than 9A2652 above. 8-ft. cord, plug. Includes 30-in. flexible shaft; 5 $\frac{1}{8}$ -in. handpiece; sliding sleeve over chuck (holds $\frac{3}{32}$ and $\frac{1}{8}$ -in. shank tools); 10 accessories. In metal case.

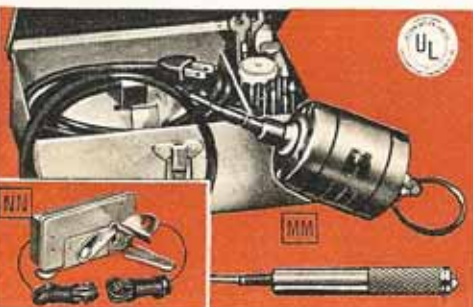
- 9 A 2652—Shipping weight 3 lbs. 4 oz. **\$19.50**



CRAFTSMAN Electric Hand Grinder

Underwriters' Laboratories approved. Extra capacity . . . handles $\frac{1}{4}$, $\frac{3}{8}$ and $\frac{1}{2}$ -in. shank tools. Extra power . . . 4 times the power of 9A2652 above. 17,000 R.P.M. motor (110-120-volt, 25-60-cycle A.C. or D.C.); 8-ft. cord, plug. Handles big jobs without stalling. Sands, sharpens, grinds, saws, etc.; works in wood, metal, plastics, glass. Converts to a flexible shaft tool (see 9A2517, below). Aluminum slip-sleeve covers chuck for safety. In metal box with 25 accessories: files, burrs, wheels, brushes, arbors, etc.

- 9 A 2516—Shipping weight 6 lbs. 14 oz. **\$28.95**



CRAFTSMAN Flexible Shaft Outfit

Underwriters' Lab. approved. Pen-type hand-piece for finger-tip control. Grind, polish, sharpen, engrave, clean, mill, carve, etc. . . . metal, wood, glass and plastics. 15,000-R.P.M. motor (110-120-volt, 25 to 60-cycle A.C. or D.C.); $2\frac{1}{2}$ times more powerful than 9A2652 above. 8-ft. cord, plug. Includes 30-in. flexible shaft; 5 $\frac{1}{8}$ -in. handpiece; sliding sleeve over chuck (holds $\frac{3}{32}$ and $\frac{1}{8}$ -in. shank tools); 10 accessories. In metal case.

- 9 A 2515—Shpg. wt. 5 lbs. 6 oz. **\$25.95**



CRAFTSMAN Router . . . a super value

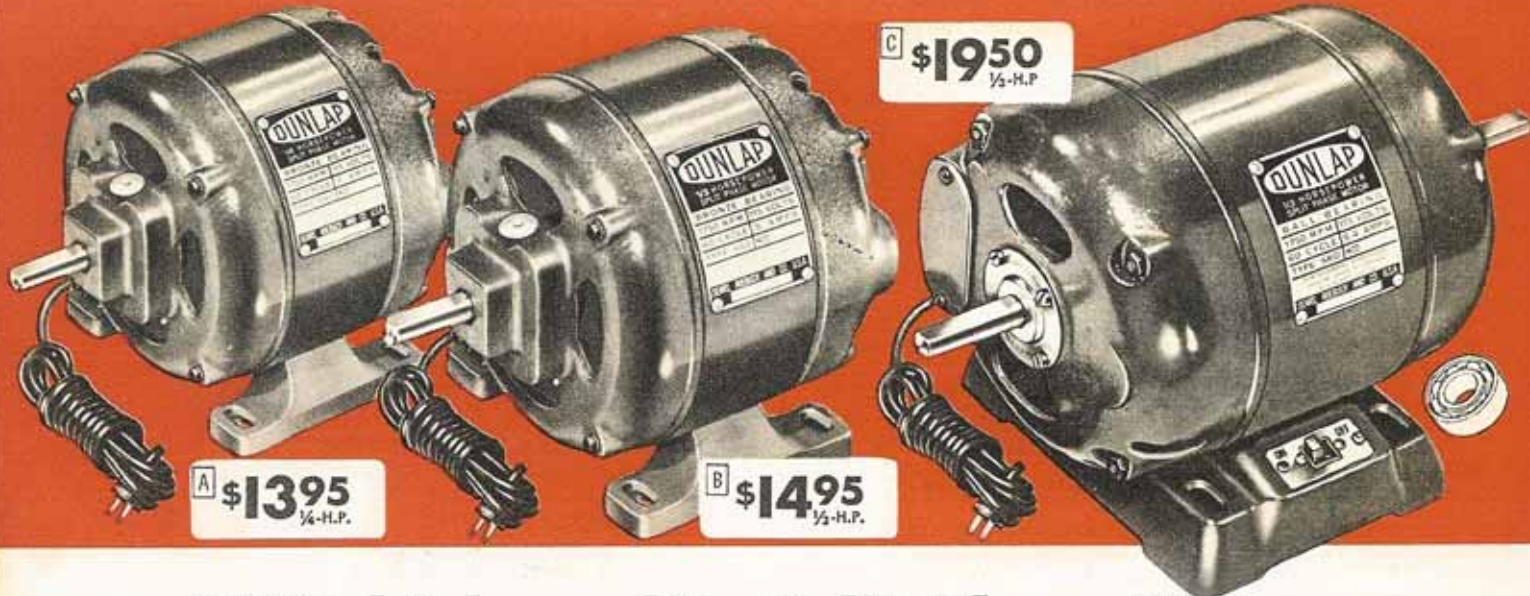
For routing and inlay work; perfect for mortising doors; for dovetailing with attachments. Can be used with flexible shaft 9A2517 at left. Motor can be mounted horizontally as a bench tool. Takes $\frac{1}{4}$ -in. shank cutters in collet chuck; also $\frac{1}{8}$ and $\frac{3}{32}$ -in. shank tools with kit 9A2511 below. Motor raises or lowers 1 in. Fence slides horizontally on $7\frac{1}{2}$ -in. bars; guides on straight or irregular edges.

UL approved. $\frac{1}{16}$ -HP 19,000-RPM ball-bearing universal motor for 110-120-volt 25 to 60-cycle AC or DC; Formex insulated. Base 3 $\frac{1}{2}$ x7 in. Height 7 to 8 in. With one $\frac{3}{16}$ -in. router bit; 8-ft. cord, plug.

- 9 A 2519—Router. Shpg. wt. 4 lbs. 6 oz. **\$28.95**
- 9 A 2511—Kit. $\frac{3}{8}$ and $\frac{3}{32}$ -in. insert collets for above. Shipping weight 8 oz. **95c**
- 9 A 2512—Extra Router Bits. Sizes $\frac{1}{8}$, $\frac{3}{16}$ and $\frac{1}{4}$ inch. State size. Shpg. wt. 4 oz. Each **\$1.00**

LL CRAFTSMAN Flexible Shaft and Hanger Set. Converts 9A2516 (above) into a high-speed flexible shaft tool. Also for electric drill, drill press or router (9A2519) at right. 36-in. shaft; cover resists moisture, oil, grease. 5 $\frac{1}{2}$ -in. hand-piece. Slip-sleeve covers chuck. For $\frac{3}{32}$ and $\frac{1}{8}$ -in. shank tools. Hanger bracket fits 9A2516 only.

- 9 A 2517—Shipping weight 3 pounds. **\$10.50**



A \$1395
1/4-H.P.

B \$1495
1/2-H.P.

C \$1950
1/2-H.P.

DUNLAP high quality Split-Phase Motors

REG. U. S. PAT. OFF.

Low priced . . efficiency plus economy for easy-starting loads

Economical 1/4 and 1/2-H.P. Models

A B Super values! Not lightweight, but full size, full power. Rugged, well-made motors, designed for general use on easy-starting loads such as light power tools, small paint sprayers, etc. Excellent performance and trouble-free operation. All parts guaranteed against defects in material or workmanship for one year. Exceed N.E.M.A. breakdown torques. Husky, diamond-bored precision bronze bearings for smooth operation and long life. Large oil chambers with spring oil caps lubricated for about 1000 hours operation. Motor should be used in horizontal position only. Easily reversed. Cast iron base gives motor solid mounting. 1/2-in. shaft extends 1 1/2-in. on one end. 1750 R.P.M. For 110-120-volt, 60-cycle A.C. With 8-ft. cord; unbreakable plug. Mounting dimensions 3 3/4 x 5-inches.

- A** 99 A 01974K—1/4-H.P. Shipping weight 23 pounds.....\$13.95
- B** 99 A 01966K—1/2-H.P. Shipping weight 25 pounds.....\$14.95

IMPORTANT! Buy the Right Motor! A larger motor of more powerful type will last years longer than one slightly too small.

Split Phase Motors—For easy-starting loads or where maximum load is applied at full motor speed; washing machines, ventilating fans, light power tools, etc.

Capacitor Motors—For medium-starting loads; heavier power tools, paint sprayers, refrigerators, stokers, shallow-well, pumps (about 22-ft. or less), etc.

Mill-Type Capacitor Motors—For medium to hard-starting loads; production equipment, compressors, heavy power tools, etc.

Repulsion-Induction and 3-Phase Motors—For hard-starting jobs; deep-well pumps, large compressors, heavy industrial tools and farm equipment, freezers, etc.

See inside back cover for Sears Easy Terms

1/2-H.P. Deluxe Model

C Our finest split phase motor! Heavy duty! Super powered! Ideal for operating light power tools and compressors, ventilating fans, washing machines, etc. Note all these great features: double shaft, ball bearings, on-off switch, cord, and unbreakable plug. Exceeds N.E.M.A. specifications. Handles more than TWO times rated H.P. before stalling! Efficient, modern design. Deep end bells, large fan and baffled openings ventilate motor; assure cool operation. Massive cast iron base for solid mounting; handy on-off switch. Easily reversed. All parts guaranteed against defects in materials or workmanship for one year. New Departure grease-sealed precision ball bearings . . . sealed against dirt, dust and grit . . . motor operates in any position. 1/2-in. shaft extends 1 1/2-in. on both ends. 1750 R.P.M. For 110-120-volt 60-cycle A.C. Heavy 8-ft. cord; unbreakable plug. Mounting dimensions 3 3/4 x 5-inches.

99 A 01975K—Shipping weight 26 pounds.....\$19.50

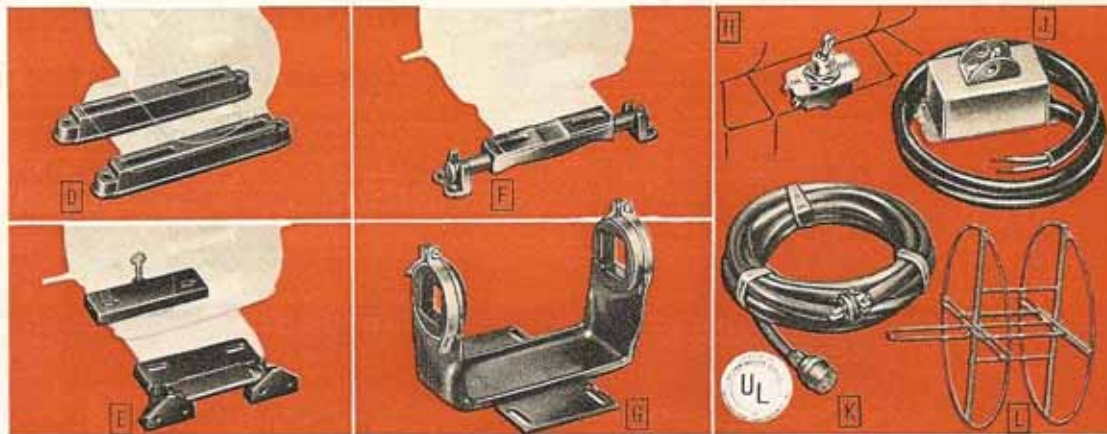
CRAFTSMAN 1/3-H.P. Appliance Motor



\$2150
CASH
\$2.50 Down

NOW! A 1/3-H.P., capacitor-type appliance motor, at less than the usual price for a 1/2-H.P. motor. Designed for replacement purposes . . . for stokers, oil burners, washing machines, ventilating fans, pumps, etc. Exceeds N.E.M.A. specifications for breakdown torque. Handles more than TWO times rated H.P. before stalling! Precision bronze sleeve bearings with spring oil caps. Condenser reduces starting current; motor starts loads about 50% heavier than split phase motors of same rating. Use in horizontal position only; easily reversed. Guaranteed against defects in materials or workmanship for one year. Nylon insulated windings. Single-end 5/8-in. shaft extends 1 1/2-in.; keyway and bevel. Stamped steel base. 1750 R.P.M., for 115-230-volt, 60-cycle A.C. Mounting dimensions 3x5-in. Gray finish. Shipping weight 28 lbs.

99 A 01976K.....\$21.50



Motor Rails . . Motor Mounts . . Switches . . Extension Cord

- D** Adjustable Motor Rails. For jobs where motor is not moved from tool to tool. Easy to adjust belts; loosen bolts holding motor to rail, slide motor for belt tension desired, tighten bolts. Caution: do not run V belts too tightly.
9 A 2279—Shpg. wt. 3 lbs. Per pair \$1.45
- E** Floating Motor Rails. Permits use of one motor for several tools. Fasten clips near each tool, shift motor with rail attached, from tool to tool. Maintains belt tension.
9 A 2275—Rail and one pair clips. Shpg. wt. 1 lb. 13 oz. \$1.00
9 A 2277—Pair of rail clips only. Shpg. wt. 7 oz. 35c
- F** Deluxe Floating Motor Rail. Has all the advantages of the regular type PLUS support for rear end of motor, rubber cushioning, and right-angle clips. Clips allow motor to be mounted behind or under tool. Adjustable rear rail pivot support carries rear end of motor. Fits nearly all fractional H.P. motors. Can be used with standard clips.
9 A 2326—Complete set. Shipping weight 2 lbs. \$2.35
9 A 2328—Rail clips only. Can handle idler drives on drill press at odd angles, etc. Shpg. wt. 10 oz. Per Pair 89c
- G** Multi-purpose Mounts. Ideal for mounting motors on washing machines, stokers, ventilating fans, and for similar installations. Stamped steel cradle-type base and rubber mounting. Easy to set up . . . you simply remove regular motor base and fasten mount to end bells of motor.
9 A 1968—Fits motor 99 A 01974K (listed at top this page). Shipping weight 2 pounds Each \$1.39
9 A 1969—Fits motor 99 A 01966K (listed at top of this page.) Shipping weight 2 pounds Each \$1.39

- H** "On-off" Motor Switch. Same as on CRAFTSMAN Capacitor Motors 99 A 01977K, 99 A 01978K, 99 A 01980K, 99 A 01981L (opposite page) and 99 A 02616L and 99 A M2618 Grinders (page 47). For 1/2-H.P., 3450 R.P.M. or smaller.
9 A 1921—U.L. Approved. Shipping weight 3 ounces. 85c
- I** "On-off" Motor Switch. (Not shown.) For motors up to and including 1/2 H.P., 1750 R.P.M. and 1/2 H.P., 3450 R.P.M. Plastic toggle handle and switch box. U.L. Approved.
9 A 1920—Shipping weight 3 ounces 52c
- J** Remote Control Switch. Mount at front of machine with other controls for convenience. Switch mounted in 3 1/2 x 2 x 1 3/4-in. steel box. 4-ft. lead of heavy duty 14-gauge cord for motor connection. For motors up to and including 1-H.P.
9 A 1922—Shipping weight 1 lb. 10 oz. \$4.45
- K** Electric Extension Cord. Extra heavy duty, safe for motors and all portable electric tools. No. 10 gauge, 2-conductor wire, rubber covered. Type "SJ." Heavy duty unbreakable rubber plug and connector. Approved by Underwriters' Labs., Inc. Choose the RIGHT SIZE cord for your power tools . . . to assure full voltage at your motor or tool and lessen burnout danger.
34 A 5884—25 ft. long. Shpg. wt. 4 lbs. 11 oz. \$8.50
Like above, but No. 18 gauge for light tools only. Fine for 1/2-horsepower motors, or less.
34 A 5826—25 ft. long. Shpg. wt. 1 lb. 5 oz. \$1.89
34 A 5827—50 ft. long. Shpg. wt. 2 lbs. 8 oz. 2.95
- L** Handy Metal Reel. Reel off as much cord as you need.
34 A 5883—Shipping weight 2 lbs. 75c

Grease-sealed precision ball bearings.



Use these arbors and chucks with your motor for belts, polishing wheels, drills, etc. See index.



D ¼-H.P.
\$3895
CASH
\$4.00 DOWN

C ½-H.P. 3450 R.P.M.
\$3150
CASH
\$3.50 DOWN

B ½-H.P. 1750 R.P.M.
\$2800
CASH
\$3.00 DOWN

CRAFTSMAN Capacitor Motors

REG. U.S. PAT. OFF.

Nylon Insulated! Guaranteed One Full Year*



1 Heavy 8-ft. cord and unbreakable plug.



2 Overload protector prevents motor burn-out.



3 Shaft extends on both ends ... more useful.



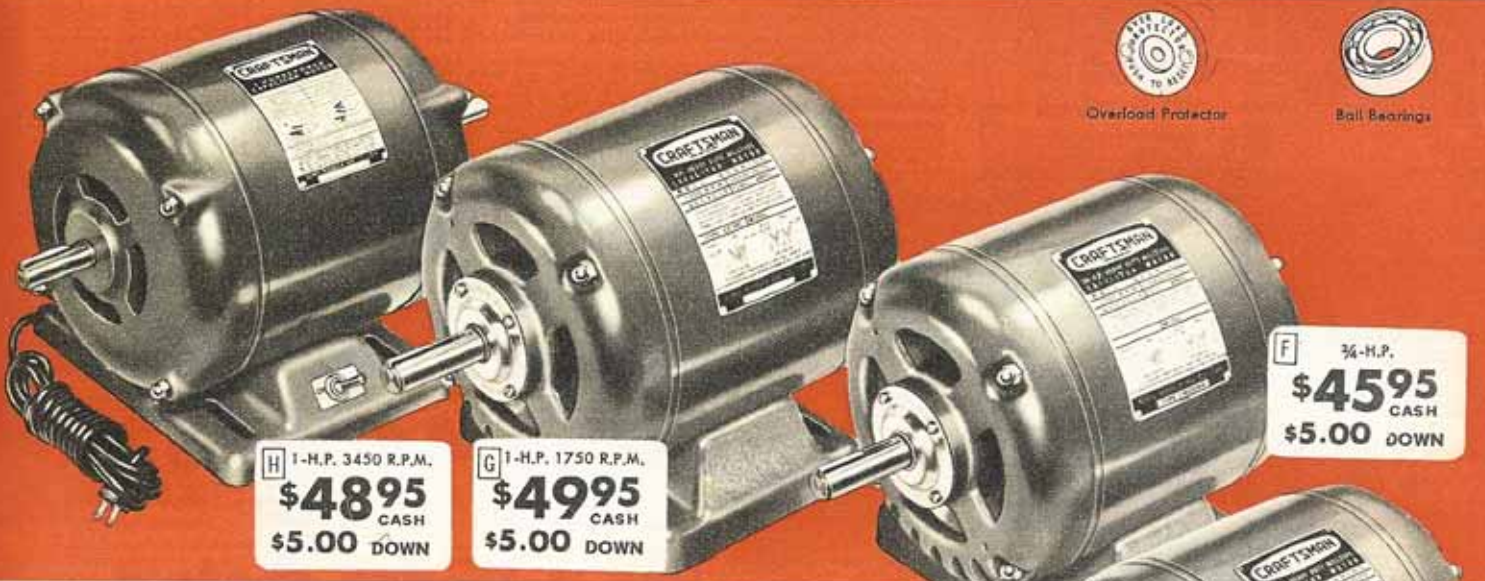
4 Convenient on-off switch built into motor base.

Powerful, efficient motors for medium-starting loads; for shops, factories; for driving heavier power tools or equipment, etc. Note ALL of the premium features shown at left. Built-in condenser reduces starting current; motor starts loads about 50% heavier than split-phase motors of the same rating. Superior nylon insulation resists heat and abrasion better. Fan and baffles keep motor cool. New Departure grease-sealed precision ball bearings. Operates in any position. Easily reversed. Built-in "KLIXON" overload protector prevents motor burnout. 110-120 volt 60-cycle A.C. With ½-inch shafts, except 99A01981L which has ¾-inch keyway shaft. 8-foot cord, and plug. Mounting dimensions 3¼ x 5 inches.

Catalog No.	H. P.	R.P.M.	Shipping wt.	Price
A 99A01977K	½	1750	32 pounds	\$26.50
B 99A01978K	½	1750	34 pounds	28.00
C 99A01980K	½	3450	31 pounds	31.50
D 99A01981L	¾	3450	42 pounds	38.95



A ½-H.P.
\$2650
CASH
\$3.00 DOWN



Overload Protector



Ball Bearings

H 1-H.P. 3450 R.P.M.
\$4895
CASH
\$5.00 DOWN

G 1-H.P. 1750 R.P.M.
\$4995
CASH
\$5.00 DOWN

F ¾-H.P.
\$4595
CASH
\$5.00 DOWN

E ½-H.P.
\$4250
CASH
\$4.50 DOWN

CRAFTSMAN Mill Type Motors

REG. U.S. PAT. OFF.

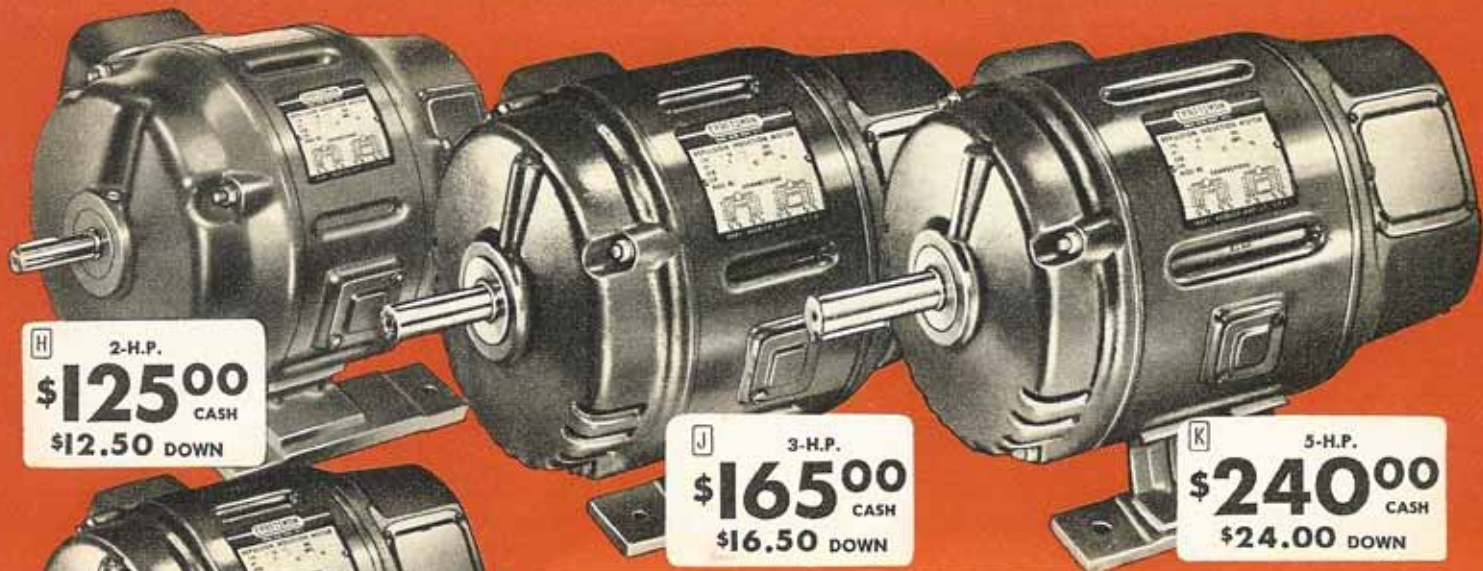
Extra heavy duty! Our Finest Capacitor Motors

Finest capacitor motors we've ever sold! Extra heavy duty for factories, farms, etc. Guaranteed 1 year*. Heavier windings; greater overload capacity. Nylon insulated to resist heat and abrasion better. Condenser reduces starting current. New Departure grease-sealed precision ball bearings; use motor in any position. "Klixon" overload protector ... prevents motor burnout. Single-end ¾x2½-in. keyway shaft. Mounting dimensions 5x5½ in. For 115-230-volt 60-cycle A.C. Easily reversed.

Catalog No.	H.P.	R.P.M.	Shipping wt.	Price
E 99A01985L	½	1750	52 pounds	\$42.50
F 99A01986L	¾	1750	58 pounds	45.95
G 99A01987L	1	1750	62 pounds	49.95

H 99A01906L—1-H.P. 3450 R.P.M. Capacitor Motor. Ball bearing; overload protector; double shaft, ¾x2½ in. each end; on-off switch; reversible; 8-ft. cord with plug. 115-230-volt 60-cycle A.C. Mounting dimensions 5x5½ in. Shpg. wt. 50 lbs. **\$48.95**

*GUARANTEED! All Sears motors guaranteed against defects in materials or workmanship for one full year!



H 2-H.P.
\$125⁰⁰ CASH
 \$12.50 DOWN

J 3-H.P.
\$165⁰⁰ CASH
 \$16.50 DOWN

K 5-H.P.
\$240⁰⁰ CASH
 \$24.00 DOWN

CRAFTSMAN R-I Type Motors

REG. U.S. PAT. OFF.

For heavy-duty jobs and hard-starting loads . . .
 Ideal for farm work—even in low voltage areas



Grease-sealed precision ball bearings.

Specially designed for hard-starting loads and heavy farm work such as deep well pumps, large compressors, feed grinders, freezers, milking machines, etc. Develop THREE to FIVE times rated H.P. while starting. Low amperage draw when starting. Great overload capacity. Ideal for farm and R.E.A. lines, low voltage lines and extreme weather conditions. Efficient in freezing weather when loads are extra heavy.

All have grease-sealed precision ball bearings . . . never need oil . . . run in any position. Designed not to exceed 40° temperature rise under normal operation. Easily reversed. Shafts have keyways. Brush lifting mechanism in ¼- and ½-H.P. sizes.

Guaranteed one year (see guarantee at bottom of opposite page). We believe there are no better motors of this type made. Meet all A.I.E.E., N.E.M.A. and central station requirements. Complete instructions for installation and maintenance included.

The CRAFTSMAN range of sizes (from ½ to 5 H.P.) supplies almost every farm need. For best results, use the motor size recommended by the manufacturer of the unit to be driven, or a larger size. (Recommended size is usually found on name plate of unit to be driven.) Single-phase, for 115-230-volt 60-cycle A.C. Check with power company on voltage, cycle, phase and capacity of your line.

Catalog Number	H.P.	R.P.M.	Size Shaft inches	Base Mounting inches	Shpg. Wt. lbs.	Cash Price
A 99A01935K	½	1725	¾	3 x 4½	35	\$32.95
B 99A01936L	½	1725	¾	5 x 5½	41	44.95
C 99A01937L	¾	1725	¾	5 x 5½	61	58.00
D 99AM1938	1	1725	¾	5½ x 6	79	80.00
E 99A01939L	1	3450	¾	5 x 5½	46	58.00
F 99AM1940	1½	1725	¾	6½ x 6	88	102.00
G 99AM1941	2	1725	1	6½ x 9	144	135.00
H 99AM1942	2	3450	¾	6½ x 6	84	125.00
J 99AM1943	3	1725	1	7½ x 9	160	165.00
K 99AM1944	5	1725	1½	8¼ x 10	195	240.00



G 2-H.P.
\$135⁰⁰ CASH
 \$13.50 DOWN



F 1½-H.P.
\$102⁰⁰ CASH
 \$10.50 DOWN



E 1-H.P.
\$58⁰⁰ CASH
 \$6.00 DOWN

D 1-H.P.
\$80⁰⁰ CASH
 \$8.00 DOWN

C ¾-H.P.
\$58⁰⁰ CASH
 \$6.00 DOWN

B ½-H.P.
\$44⁹⁵ CASH
 \$4.50 DOWN

A ½-H.P.
\$32⁹⁵ CASH
 \$3.50 DOWN

CRAFTSMAN 3-Phase Motors

REG. U.S. PAT. OFF.

For heavy-duty jobs in shops and factories



Grease-sealed precision ball bearings.

Designed for hard-starting loads . . . used in shops and factories for heavy day-in day-out production work. Develop 3 to 5 times rated H.P. while starting. We believe there are no better motors of this type made. Can be used only on 3-phase current, usually not available to homes and farms. Check with power company before ordering. Meet all A.I.E.E., N.E.M.A. and central station requirements. Easily reversed. Keyway shafts. Designed not to exceed 40° temperature rise under normal operation. For 220-440-volt, 60-cycle A.C.

All Sears motors are guaranteed for one full year. (See guarantee at bottom of opposite page.)

Catalog Number	H.P.	R.P.M.	Size Shaft inches	Base Mounting inches	Shpg. Wt. lbs.	Cash Price
99 A 01910L	½	1725	¾	5 x 5½	41	\$42.95
99 A 01911L	¾	1725	¾	5 x 5½	61	53.00
99 A M1912	1	1725	¾	5½ x 6	71	64.00
99 A M1913	1½	1725	¾	6½ x 8	78	76.00
99 A M1914	2	1725	1	6½ x 9	106	90.00
99 A M1915	3	1725	1	7½ x 9	115	97.00
99 A M1916	5	1725	1½	8¼ x 10	148	115.00



½-H.P.
\$42⁹⁵ CASH
 \$4.50 DOWN

Use your motor while you're paying for it! See inside back cover for details of Sears Easy Terms

DUNLAP 4-inch Grinder

REG. U.S. PAT. OFF.

Amazingly compact . . . handy . . . low priced

Approved by Underwriters' Laboratories, Inc.



Grinds . . . puts a keen edge on cutlery, edged garden tools, etc.

Does buffing, polishing with cloth buff or rubber wheel.

Cleans; removes rust and paint with a wire scratch wheel.

Grind across face of machine! Wheels extend beyond housing.

A Guaranteed 1 year*. Full 1/10-H.P. motor...by far the most powerful we have found in grinders of this type! It's built to do a real professional job of grinding and sharpening knives and tools . . . buffing . . . polishing . . . cleaning . . . removing rust . . . even finishing metals and plastics with proper accessories! Use it in the home, kitchen, farm, garage or shop.

Has features found in NO other grinder of this size and quality we know of, selling at anywhere near this low price! Equipped with two 4x1/2-inch vitrified aluminum oxide grinding wheels; one fine grit, and one coarse grit. Both wheels extend 1/2 inch beyond front of motor housing . . . allows grinding across face of machine. Distance between wheels 6 3/4 inches. Steel tool rests are adjustable and removable for buffing and polishing operations.

Self-aligning porous bronze bearings. Sturdy, rigid die-cast housing; rubber cushion feet. 3/8-inch shaft; 3/4x24-thread. Flanges hold 1/2, 3/4 and 1-inch arbor hole attachments. On-off switch in front of base.

3500 no-load R.P.M. Single-phase, 110-120 volt 60-cycle A.C. Cooled by two fans. Approved by Underwriters' Laboratories, Inc. Comes complete with two grinding wheels; 6-foot cord and unbreakable plug. Over-all height 6 1/2 inches. Get yours today!

99 A 02608—Shipping weight 16 pounds. \$17.95



A ONLY
\$17.95

DUNLAP 1/4-H. P. Grinder

REG. U.S. PAT. OFF.

For small shops, general maintenance work

B Guaranteed 1 year*. Here's the efficient, sturdy grinder you need in your small shop for most grinding jobs, and for general maintenance work. Look at the low price, and check all these quality features!

U.L. approved. 1/4-H.P. DUNLAP split-phase motor has sensational Nylon-insulated windings . . . stronger . . . greater resistance to heat and abrasion. No-load speed is 3450 R.P.M. On-off toggle switch conveniently located at front of grinder. Motor operates on 110-120 volts 60-cycle A.C. and is equipped with 8-foot rubber-covered cord, and unbreakable plug.

Sealed New Departure precision ball bearings . . . protected against dirt, dust, grindings and abrasive particles. You get dependable operation with a minimum of power loss due to friction. Strong 3/8-inch steel shaft; turned down to 1/2-inch at wheel ends. Durable cast iron frame for long-lasting strength and rigidity. Attractively finished in rust-resisting gray enamel. Rubber mounted for quiet operation.

Husky cast iron wheel guards. Shatterproof glass eye shields in adjustable steel frames . . . give protection from flying particles and sparks from grinding wheels. Removable tool rests help steady your work . . . assure greater accuracy . . . adjustable for wheel wear and proper grinding position.

Two 6x3/4-inch fully vitrified CRAFTSMAN grinding wheels . . . one 36-grit wheel for coarse grinding, and one 70-grit wheel for finer grinding and finishing. Operate safely at rated speed of 3450 R.P.M. Clearance between wheels is 11 inches. Over-all dimensions (without eye shields and tool rests): height 8 3/4 inches; width 12 1/4 inches; depth 8 inches.

99 A 02616L—Shipping weight 42 pounds. \$29.95



Grease-sealed-precision ball bearings



B
\$29.95 CASH
\$300 DOWN

See pages 52 and 53 for these Accessories . . .



Wire wheels to remove rust and paint from metal



Tampica brushes to remove burrs and corners



Rubber polishing wheels for metals and plastics



Use spiral sewn buffs, compounds for high polish

CRAFTSMAN 1/3-H. P. Grinder

REG. U.S. PAT. OFF.

Heavy duty production type . . . Our finest!

C Guaranteed 1 year*. Incorporates the latest and best in grinder design! Excellent for heavy-duty grinding and sharpening in any type of shop.

Combines strength, beauty, utility! Heavy, rigid cast iron frame; rubber mounted to absorb vibration. Handsome CRAFTSMAN gray finish; contrasting chromium trim. Two 10-watt work lamps; one built into each wheel guard; rubber mounted; easily replaced. Convenient, removable, built-in bright red plastic water pan . . . to cool work; and prevent drawing temper of tools.

U.L. approved (commercial standards). Ample overload capacity to meet unusual power demands without burning out motor. CRAFTSMAN 1/3-H.P. condenser-start, induction-run type capacitor motor has sensational Nylon-insulated windings . . . stronger . . . give more resistance to heat and abrasion. Balanced for vibration-free operation at 3450 R.P.M. Operates on 110-120 volt 60-cycle A.C. Convenient on-off switch at front of grinder. 8-foot rubber-covered cord, with unbreakable plug.

New Departure precision ball bearings assure minimum friction and wear . . . sealed against dirt, dust and grit. Extra-strong steel shaft has 3/4-inch diameter, turned down to 1/2-inch at each wheel end.

For safety, each grinding wheel is enclosed by a cast iron wheel guard; rear dust chutes. Adjustable, shatterproof glass eye shields mounted in chromium plated frames. Ground cast iron tool rests are adjustable.

Two 7x1-inch CRAFTSMAN industrial quality vitrified aluminum oxide grinding wheels . . . one 36-grit for coarse grinding, and one 70-grit for fine grinding. Thirteen-inch clearance between wheels. Operate safely at rated speed of 3450 R.P.M. Over-all dimensions (without eye shields and tool rests): height 12 inches; width 17 inches; depth 8 3/4 inches.

99 AM 2618—Shipping weight 96 pounds. \$62.95



Grease-sealed-precision ball bearings



C
\$62.95 CASH
\$650 DOWN

* GUARANTEED 1 YEAR—If any Sears electric grinder or electric motor shows defects in materials or workmanship we will repair it without charge if returned within one year from date of purchase.

Cut Repair Bills... Weld it Yourself!

Yes... CRAFTSMAN Welding IS Easy and Profitable!

REG. U.S. PAT. OFF.



\$185⁰⁰
CASH
200 ampere welder
\$185⁰⁰ DOWN... ON
EASY TERMS



Ideal for proper maintenance of expensive farm machinery



Its versatility makes it perfect for garages, repair shops



Enables you to build up your own home repair shop business

CRAFTSMAN Industrial A. C. Electric Arc Welders

REG. U.S. PAT. OFF.

- CRAFTSMAN Electric Arc Welders are tested and approved by Underwriters' Laboratories, Inc. for safety, freedom from fire hazard and for temperature rise limits.
 - Coils insulated with spun glass insulation... dipped in varnish, then baked. Practically impossible to burn out welder if used on correct current supply (220-230 volts).
 - Fire-resistant all-metal cabinets with control panels fully protected against dust and dirt.
 - Built-in reactance helps maintain steady arc; automatically increases voltage on low heats... provides economical efficiency.
 - Transformer has high power factor for efficiency and reduced current consumption.
 - Range of current outlets allows variety of work. Cuts, brazes, solders and welds metals of all thicknesses. Even more versatile if used with Twin Carbon Torch 9A2007, below.
- Maximum heat at arc with minimum current consumption! Natural draft cooling... no fans. Approved code-type on-off switches. Sturdy steel feet in front; large wheels in rear. Stub wire leads for A.C. connection. With 5 lbs. assorted welding electrodes, wire brush, carbon electrode, electrode holder, two 15-ft. cables, welding helmet and manual (9A2025 on opposite page). For single phase, 220-230-volt, 60-cycle A.C. only. Be sure to check voltage, cycle, phase and capacity of your power line with your local power company before ordering.

SPECIFICATIONS:

	99 AM 2012	99 AM 2015
• Maximum amperes actual welding current delivered...	200 amperes	300 amperes
• Welding heats available (actual welding current).....	Eighteen: 20 to 200 amps.	Thirty: 20 to 300 amps.
• Maximum rod size.....	3/16 inch	1/4 inch
• Type of service.....	Continuous	Continuous
• Current supply required.....	Single phase 220-230-volt A.C.	Single phase 220-230-volt A.C.
• Maximum open circuit secondary volts.....	94 volts	94 volts
• Maximum line draw.....	48.5 amperes	65 amperes
• Maximum kilowatts.....	6.2 kilowatts	8.2 kilowatts
• Maximum kilo-volt-amperes.....	10.7	14.3
• Cabinet dimensions, Height.....	33 inches	37 inches
Width.....	20 inches	23 inches
Depth.....	21 inches	21 inches

99 AM 2012—200 amp. capacity. Shipping weight 260 pounds.....\$185.00
99 AM 2015—300 amp. capacity. Shipping weight 336 pounds..... 250.00



\$1395

Welders' Supplies... Twin Carbon Torch... Electrodes

- A** CRAFTSMAN Industrial Twin Carbon Torch. For brazing, soldering, etc., on A.C. arc welders. Insulated fiber grip. Easy sliding control. Off switch. Ideal for thin metals, etc. Light-weight... perfectly balanced. 15 3/4 in. long. With 5-ft. cables, carbons, instructions. Holds 1/4 to 3/8-inch carbons.
9 A 2007—Shpg. wt. 4 lbs. 6 oz.....\$13.95
Twin Torch Cored Carbons.
9 A 2020—3/4x6 inches. Shpg. wt. 2 oz.....Each 12c
9 A 2021—5/16x6 in. Shpg. wt. 2 oz.....Each 15c
9 A 2022—3/8x6 in. Shpg. wt. 2 oz.....Each 17c

- B** 20-lb. Electrode Assortment. (About 380 rods.) A complete assortment! For A.C. or D.C. welders (D.C. reverse polarity). Includes: Rods for mild steel welding: 2 lbs. 3/32-in. rods; 4 1/2 lbs. 1/8-in. rods; and 4 1/2 lbs. 5/32-in. rods; for cast iron welding: 4 1/2 lbs. 3/8-in. rods; for hard surfacing: 4 1/2 lbs. 1/2-in. rods. Shipping weight 22 pounds.
99 A 02024K—Complete Assortment.....\$7.95

- C** CRAFTSMAN Welding Electrodes. Flux-coated for A.C. or D.C. (D.C. reverse polarity) welders. When ordering, be sure to state catalog number, package and rod size.
9 A 2003K—For use on mild steel. State size wanted.

Pkg.	Shpg. wt.	3/16-in.	1/8-in.	5/32-in.	3/8-in.
2 lbs.	2 lbs. 2 oz.	\$3.10			
5 lbs.	5 lbs. 12 oz.	\$2.19	\$1.79	\$1.49	\$1.49
25 lbs.	29 pounds	10.50	8.50	6.95	6.95
9 A 2055K—For use on cast iron. State 1/8-in. size.					
5-lb. pkg. Wt. 5 lbs. 12 oz.		\$1.85	25-lb. pkg. Wt. 29 lbs.	\$8.75	
9 A 2004K—For use on hard surface. State 1/8-in. size.					
5-lb. pkg. Wt. 5 lbs. 12 oz.		\$3.49	25-lb. pkg. Wt. 29 lbs.	\$16.95	
9 A 2002—Braze Rod Kit. 2 pounds 18-in. x 3/8-in. bronze rods. 5 oz. flux. Shpg. wt. 2 lbs. 10 oz.....\$3.98					

Industrial Welding Helmets

- E** One-piece seamless vulcanized fiber construction. Our finest. Shaped to fit head contour. Fiber head band adjustable over wide range of sizes. No metal touches head. Friction joint adjustable from outside for free-floating action; secure in "on" and "off" positions. Bakelite glass holder. 2x4 1/2-in. clear cover glass provided. Filter lens not included (sold separately at right).
9 A 1324—Shpg. wt. 2 lbs. 9 oz.\$8.65
- F** Streamlined fabricated fiber construction. Automatic spring snap for "off" and "on" positions. Black fiber headband; leather sweatband. Size adjustable over wide range. No metal touches head. Glass holder in readily removable. 2x4 1/2-in. clear cover glass supplied. Filter lens not included (sold separately at right).
9 A 1323—Shpg. wt. 2 lbs. 6 oz.\$6.25

- G** Fabricated fiber construction. Adjusts to fit head size. Can be thrown back without removing from head. Friction joint between headband and helmet makes helmet readily adjustable and secure in both "on" and "off" positions. Clear cover glass and No. 10 shade filter lens provided. Both are 2x4 1/2-in. size. Shpg. wt. 2 lbs. 8 oz.
9 A 1326.....\$3.75

- Extra Filter Lenses and Cover Glass. (Not illustrated.) For arc welding use. Size 2x4 1/2 in. Fit almost all styles of helmets. Shipping weight, each, 5 ounces.
9 A 1327—No. 10 shade Filter Lens. For 75 to 250-amp.....65c
9 A 1328—No. 12 shade Filter Lens. For 250 amp. or over.....65c
9 A 1329—Clear Cover Glass....6c

Pay for your welding equipment while you use it! Buy on Sears Easy Payment Terms. See inside back cover for complete details



CRAFTSMAN 150-amp. Arc Welder

- Ideal for intermittent service in farm, garage, small industrial shops; operates perfectly on R.E.A. and other rural power lines
- Approved by Underwriters' Laboratories, Inc.; meets R.E.A. and N.E.M.A. standards

\$165.00 Complete! Just plug in on properly wired and fused line. Actually welds 2½ minutes out of every 10 at 150 amps.; much longer at lower ratings. 25% duty cycle . . . 5% more than needed. Economical. Spun glass insulation; varnished and baked. Has principal features of welders on opposite page. 33x20x21-in. metal cabinet. Uses ¼-in. rods or smaller.

\$16.50 DOWN

Fifteen heats, 20 to 150 amps. actual welding current. Max. open circuit secondary volts 64; max. K.W. 4.8; max. K.V.A. 6.9. With two 15-ft. work cables; assorted electrodes; electrode holder; steel brush; helmet; 3-wire 7-ft. primary cable; polarized plug; receptacle; manual (9 A 2025). For single-phase, 220-230-volt 60-cycle AC power lines where local distribution transformer has 3 K.V.A. or greater capacity. Check voltage, phase, cycle and capacity of your line with power company before ordering. 99 AM 2018—Shipping weight 226 lbs. . . . \$165.00

CRAFTSMAN 75-amp. Arc Welder

- Compact . . . portable . . . for light maintenance, body and fender shops, metalworking shops. Ideal for the farm or home workshop. Cut repair bills now!
- Approved by Underwriters' Laboratories, Inc. Spun glass insulation; varnished and baked

\$71.95 We believe this is one of the finest small shop arc welders ever made; built to the same standards as our big industrial welders on opposite page. **\$7.50 DOWN**

Actually welds on all heats. 20% duty cycle for intermittent service. Just plug in on properly wired and fused (30 amp.) house or shop circuit. Fire-resistant all-metal cabinet, 14½x12¼x10 in.; controls on front. "On-off" toggle switch. Automatic voltage regulation. Natural draft cooling; no fans. Maximum rod size ¼ in. Can also be used with twin carbon torch 9 A 2007 (not included; see opposite page). Four heats, 30, 45, 60, 75 amps. actual welding current. Maximum open circuit secondary volts 65; maximum K.W. 2.0; maximum K.V.A. 3.0; maximum line draw 26 amps.; line draw when idle 1.5 amps. With two work cables (7-ft. ground, 9-ft. electrode cable); 6-ft. primary cable; plug; receptacle; carbon electrode; electrode holder; wire brush; 2 lbs. assorted welding rods; helmet; welder's manual (9A2025, at right). For single phase, 110-120-volt 50-60-cycle AC. Check voltage, phase, cycle, capacity of your line with your power company. 99 AM 2011—Shipping weight 73 pounds. . . . \$71.95



36-page Arc Welder Manual

Learning to weld is easy with this new 36-page, illustrated instruction book. Tells how to repair broken equipment and build new devices for more efficient work. 165 illustrations, clearly and fully described. New . . . up-to-date. Paper bound. 9 A 2025—Shipping weight 3 ounces. . . . 49c

Safety Goggles, Shield, Respirators

Don't risk injury while you work! Here is a wide assortment of safety devices to give you dependable protection when you are welding, cutting, chipping, grinding, spraying, etc., or when you work amid dust, pollen, wind, fumes or vapor.

- H** Spectacle-type Safety Goggle with wire mesh side shields for chipping, grinding; minimizes fogging. Non-corroding frame, insulated temples; heat, perspiration resistant. Hardened, ground 50-mm. lenses. 28 A 6070—Shpg. wt. 8 oz. . . . \$1.98
- J** Lightweight Spectacle-type Safety Goggle. Gives full angle vision. Comfortable plastic frame with wire-cord padded temples. Crystal-clear 44-mm. flat lenses. 28 A 6067—Shpg. wt. 5 oz. . . . \$1.69
- K** Industrial Chipping, Grinding Goggle. Gives your eyes protection from all directions. 50-mm. hardened, ground lenses. Sturdy composition frame; adjustable headband. 28 A 6066—Shpg. wt. 9 oz. . . . \$2.19
- L** Over-spectacle Type. Larger than above to fit over regular glasses. Shpg. wt. 12 oz. . . . \$2.39
- M** Extra 50-mm. Lenses for goggles 28 A 6070, 28 A 6066 and 28 A 6061 above. Wt. 3 oz. Pair 85c
- I** Welder's Goggle. Shade 5 lenses; for light acetylene welding, cutting. Elastic headband; ventilated side shields. Screw caps for changing lens or cover glass. 28 A 6053—Shpg. wt. 4 oz. . . . \$2.15
- N** Over-spectacle type Welder's Goggle. Like 28 A 6053 above but made for wearing over regular glasses. 28 A 6054—Shpg. wt. 12 oz. . . . \$2.49
- O** Extra Filter Lenses. 50-mm.; for welding, etc. Shpg. wt. 3 oz. 28 A 6055—No. 4 Density. . . . Pair 79c
- P** Extra Filter Lenses. 50-mm.; heavy welding. Shpg. wt. 3 oz. 28 A 6057—No. 6 Density. . . . Pair 79c
- Q** Wind, Dust Goggle . . . won't distort vision. Cloth sides filter dust, prevent fogging. Chenille-bound edges; shatterproof lens. 28 A 6068—Shpg. wt. 4 oz. . . . \$1.45
- R** 28 A 6062—Same as above but with plain glass lens. Shpg. wt. 4 oz. . . . \$1.77c
- S** Face Shield. Protects eyes and face. Comfortable plastic. Metal-bound window snaps on shield. Sweat-band; adjustable. Eyeshade. 28 A 6085—Shpg. wt. 1 lb. . . . \$2.35
- T** 28 A 6086—Extra Window for Face Shield. Shpg. wt. 8 oz. . . . \$98c
- U** Chemical Respirator. Pliable, non-irritating rubber with positive sealing edges. Valve can't stick open. Changeable cartridge protects against paint fumes, etc. 28 A 6077—Shpg. wt. 12 oz. . . . \$3.95
- V** 28 A 6078—Extra Filter for above. Shpg. wt. 5 oz. Ea. 69c. . . . \$ for 28 A 6075—Dust Respirator. As above. Filter protects against both poisonous and disease producing dusts. Shipping wt. 10 oz. . . . \$3.49
- W** 28 A 6076—Extra Filters for above. Shpg. wt. 4 oz. . . . Pkg. of 5 59c
- X** Low-cost Respirator. Protects against pollen and against dust from wood, grain, metal, stone. Lightweight molded rubber frame. 28 A 6087—Shpg. wt. 8 oz. . . . \$1.98



Solder . . Soldering Accessories

- A** Core Solder. Flux in core, all set, ready to use. No soldering paste or soldering fluid needed. Acid Core Solder. For general soldering only. For electrical or radio work, use rosin core solder. 9 A 8095—10-ft. coil. Shipping weight 6 oz. . . . 48c
- 9 A 8093—1-lb. spool. Shipping wt. 1 lb. 6 oz. . . . \$1.39
- B** Rosin Core Solder. Non-corrosive and non-conductive. Best for electrical and radio work. 9 A 8102—10-ft. coil. Shipping weight 6 oz. . . . 48c
- 9 A 8100—1-lb. spool. Shipping wt. 1 lb. 6 oz. . . . \$1.39
- C** Solid Wire Solder. (Not illustrated.) Requires flux. Diameter, ¼ inch. 9 A 8090—1-lb. spool. Shpg. wt. 1 lb. 6 oz. . . . \$1.29
- D** Plumbers' Solder. Actual weight about 1 pound. 9 A 8085—Shipping weight 1 lb. 8 oz. . . . \$1.10
- E** Babbitt Metal. Best for use in high-speed heavy-duty work. Pre-war quality. Quick forming; easy to use. 9 A 8081—Two sizes. State size bar wanted. About 2½-pound bar. Shpg. wt. 2 lbs. 10 oz. . . . \$1.95
- About 5-lb. bar. Shpg. wt. 5 lbs. 4 oz. . . . 3.65
- F** Sol Ammoniac. Solid type. For cleaning and tinning soldering coppers. Permits even flow of solder. 9 A 8071—Shpg. wt. 6 oz. . . . 4-oz. package 19c

CRAFTSMAN Electric Soldering Irons

- Each one approved by Underwriters' Laboratories, Inc. Heat quickly concentrated at point of copper tip by nickel-chrome element wound on Allegheny steel core. Smooth hardwood handles. Insulated cord and plug. For use on any 100-120-volt current.
- E** CRAFTSMAN, 100-watt. For radio or electrical work. 2½-ounce, ¾-inch replaceable copper tip, 4¾ inches long. 9 A 5381—Shipping weight 1 lb. 8 oz. . . . \$4.75
 - F** CRAFTSMAN, 150-watt. For general use. 2½-ounce ¾-inch replaceable copper tip, 4¾ inches long. 3 cooling fins. 9 A 5382—Shipping weight 1 lb. 8 oz. . . . \$5.75
 - G** CRAFTSMAN, 200-watt. (Not shown.) Similar to 9A5382 above, but heavy duty. 7-oz. replaceable copper tip, 4¾ in. long; ½-in. diameter. 3 cooling fins. 9 A 5383—Shipping weight 1 lb. 8 oz. . . . \$6.25
 - H** DUNLAP Soldering Kit. Pistol-grip, 80-watt soldering iron has cool bakelite handle; for 110-120-volt AC or DC. Includes: soldering iron with cord and plug; can of soldering paste; wire solder; wire brush and tip rest. 9 A 5407—Shipping weight 1 lb. 8 oz. . . . \$2.65

WARNING: Respirators cannot be used as gas masks

\$62.50
CASH
\$6.50 DOWN . . ON
EASY TERMS



Here's PROOF that CRAFTSMAN Welders give you more for your money!

Chart below shows some of the important features of the CRAFTSMAN Welder, compared with 4 other leading brands. Check them yourself! See why CRAFTSMAN has become standard equipment in so many welding shops throughout America!

FEATURE	CRAFTSMAN	Brand A	Brand B	Brand C	Brand D
Is mixing chamber located outside of torch handle for maximum safety?	YES	NO	YES	NO	NO
Are all parts of torch in contact with gases made of brass, bronze, monel or other non-ferrous metals?	YES	NO	NO	NO	NO
Do regulators have fool-proof safety diaphragm shearing mechanisms to prevent dangerous pressure on reduced pressure side of regulator?	YES	NO	YES	NO	NO
Are regulators designed so that gas pressure shuts itself off without depending on springs?	YES	NO	YES	NO	NO
Does oxygen regulator have heat-absorbing nozzle to insure against ignition of worn or damaged seat?	YES	NO	NO	NO	NO

Four Times Tested!
CRAFTSMAN Welder
REG. U.S. PAT. OFF.

**It's Safe! Non-Flash Mixer
Set Beyond the Torch Head!**

- Tested and approved by Underwriters' Laboratories, Inc.
- Approved by Associated Factory Mutual Insurance Companies
- Tested and approved by Sears own testing laboratories
- Every part individually tested at factory before shipment
- All parts ground and hand fitted to eliminate leaks
- Regulators have patented safety pressure relief devices
- All parts are made of solid brass or bronze

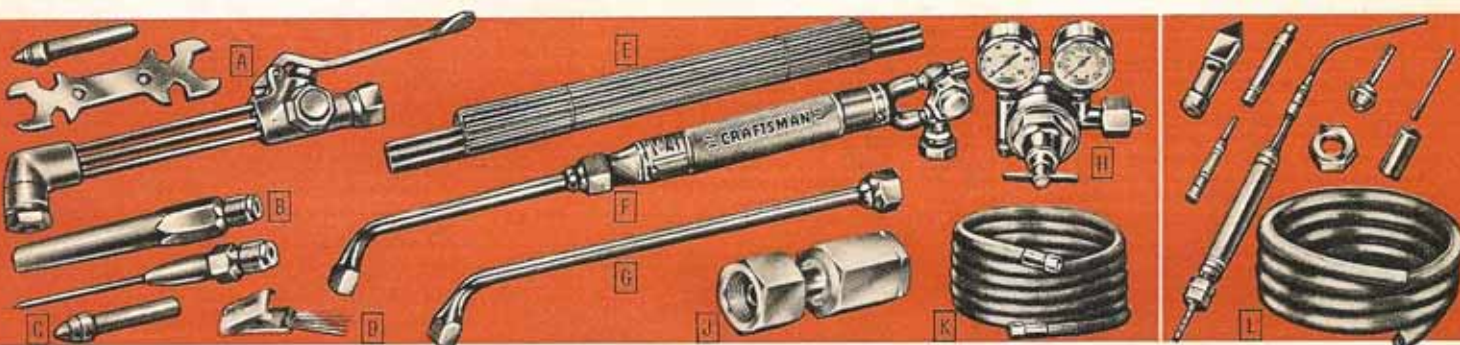
Farmers! Factories and industrial shops! Garages, repair and welding shops! Scrap-yard operators! Maintenance men! Just what you've been looking for . . . a super quality oxy-acetylene welding outfit at a price you can afford. Pays for itself many times over.

Farmers—welding is easy! With this unit and the Welder's Handbook (included) plus only a little practice, you'll be able to do your own welding. Readily portable . . . use it anywhere, even where electricity is not available. Make field repairs . . . no need to bring work to shop.

Extra heavy duty construction . . . has exclusive features found in no other welder! Balanced pressure non-flash mixer is beyond head of torch and outside of torch handle for maximum safety. Regulators have patented safety pressure relief devices. Tips are one-piece SWAGED solid drawn copper; superior to ordinary tips; will not back-fire! 17 1/4-inch long-life bronze non-flash torch; use with right or left hand; can be turned off without disturbing setting at regulators. 6-inch gooseneck is bronze forging—will not bend. Forged bronze-bodied regulators, with off-on feature, have two pressure gauges with brass cases—0 to 80 and 0 to 3,000-pound oxygen regulator; 0 to 80 and 0 to 500 pound on acetylene regulator. See chart at left for convincing proof that CRAFTSMAN welders give you more for your money.

Also included with this unit, Five wide-range tips (sizes AA-1, AA-2, AA-3, AA-4 and AA-5); two 12 1/2-foot lengths of 3/4-inch high pressure hose (tested to 800 pounds per square inch); assorted welding rods; flux; lighter; two wrenches; 50 mm. welders' goggles; 258-page Welder's Handbook. (Unit may be used as cutting torch with 9 A 5444 attachment—not included in unit; please see below.)

- 99 A 05442K—Complete Unit, as above. Shipping weight 25 lbs. . . . **\$62.50**
- 9 A 5410—Flux only. Can be used for all kinds of acetylene welding. Shipping weight 1 pound 8 ounces. . . . 1-pound can **65c**
- 9 A 5411—258-page Welder's Handbook. Shipping weight 1 lb. . . . **\$3.50**



Oxy-Acetylene Welding Attachments and Accessories

A CRAFTSMAN Cutting Attachment. Approved by Underwriters' Laboratories, Inc. Use with welder's outfit 99A05442K listed and described above. Replaces mixing attachment. Use in place of mixer. Complete with one B-3 cutting tip, wrench and simple instructions. 9 A 5444—Shpg. wt. 2 lbs. 12 oz. . . . **\$15.50**

B CRAFTSMAN Welding Tips. Heavy, one-piece solid drawn copper. Polished finish. Use with 99A05442K listed above, or with 9A5429 listed at right. Shipping weight each 4 oz.
9 A 5441—State size wanted Each **\$1.45**

Size	Capacity, In.	Size	Capacity, In.
AA-0	Soldering	AA-5	3/8 to 3/16
AA-1	1/4 to 1/8	AA-6	1/2 to 3/8
AA-2	3/8 to 1/2	AA-7	3/4 to 1
AA-3	1/2 to 3/4	AA-8	1 in. up
AA-4	3/4 to 1		

C CRAFTSMAN Cutting Tips. For use with cutting attachment 9A5444 listed above. 9 A 5447—State size wanted Each **\$2.35**

Size	Cuts Steel	Shpg. wt.
B-1	Up to 1/8 inch	.6 oz.
B-2	1/8 to 1/4 inch	.6 oz.
B-3	1/4 to 1/2 inch	.6 oz.
B-4	1/2 to 3/4 inch	.6 oz.
B-5	3/4 to 1 inch	.6 oz.

D CRAFTSMAN Welding Tip Cleaners. For all CRAFTSMAN tips. In metal case. 9 A 5425—Shipping weight 3 oz. **\$1.95**

E CRAFTSMAN Cutting Tip Cleaner. Fits all CRAFTSMAN torch tip sizes. In metal case. 9 A 5445—Shipping weight 3 oz. **\$1.95**

F Assorted Welding Rods. A complete selection that permits you to do oxy-acetylene welding of bronze, cast iron, aluminum, mild steel. Includes 91 rods as follows: four 3/4x18-inch and four 3/8x18-inch Tobin bronze rods; thirty 3/32x18-inch, twenty-two 1/8x18-inch, twelve 1/16x18-inch and eight 1/4x18-inch mild steel rods; four 3/8x18-inch drawn aluminum rods; seven 1/2x24-inch cast iron rods. 9 A 5440—Shipping weight 12 lbs. . . . **\$4.75**

G Welding Torch. Approved by Underwriters' Laboratories, Inc. High quality bronze non-flashback torch with 6-inch gooseneck mixer; 17 1/4 inches long over-all. Gooseneck is solid bronze drop forging . . . will not bend. Will cut steel with 9A5444 cutting attachment listed at left. 9 A 5429—Shipping weight 3 lbs. . . . **\$15.50**

H 12-inch Mixing Chamber. Solid drop-forged bronze construction. Gooseneck type. Necessary when using 9A5441 welding tips, sizes AA-6, AA-7 or AA-8, listed at left. 9 A 5443—Shipping weight 13 oz. . . . **\$5.95**

I Oxygen Regulator. Approved by Underwriters' Labs., Inc. 0 to 80 and 0 to 3000-lb. gauges; brass cases. Guaranteed accurate. 99 AM 5430—Shipped express only. Shpg. wt. 6 lbs. **\$16.50**

J High-pressure Oxygen Regulator. Approved by Underwriters' Laboratories, Inc. Use to cut metal thicker than 3 in. With 0 to 300 and 0 to 3,000-lb. gauges. Delivery pressure adjustable from 0 to 150 lbs. Shipped express. 99 AM 5448—Shipping weight 6 pounds. **\$16.50**

K Acetylene Regulator. Approved by Underwriters' Laboratories, Inc. 0 to 80 and 0 to 500-pound gauges. Brass cases. Guaranteed accurate. 99 AM 5431—Shipped express only. Shpg. wt. 6 lbs. **\$15.00**

L Adapter for Airco, Commercial or Searchlight tanks. 9 A 5413—Shipping weight 5 ounces. **\$1.50**
9 A 5414—Adapter for Presto-O-Lite auto lighting tanks. Shipping weight 5 ounces. **\$1.50**

M 1/4-inch Green Oxygen Hose. With connections. State length wanted. 9 A 5437—12 1/2 feet. Shipping weight 1 lb. 12 oz. **\$1.95**
25 feet. Shipping weight 4 lbs. 9 oz. **\$3.30**

N 1/4-inch Red Acetylene Hose. With connections. State length wanted. 9 A 5438—12 1/2 feet. Shipping weight 1 lb. 12 oz. **\$1.95**
25 feet. Shipping weight 4 lbs. 9 oz. **\$3.30**

O CRAFTSMAN Heating-Brazing Set. Use with Presto-O-Lite cylinders to solder, braze, burn paint, etc. Operates on acetylene only. Requires pressure up to 4 lbs. for largest tip. Not to be used in connection with oxygen or air pressure. Includes: handle; three heating tips; soldering copper; paint burning tip; tank connection; tip cleaner; 5 ft. rubber hose and simple instructions for using. Complete—there are no extras to buy. 9 A 5446—Shipping weight 2 pounds. **\$6.65**

Take advantage of Sears NEW Easy Payment Plan. Lower down payments! Be sure to see inside back cover for complete details



Sharpening scythes, etc.

Sanding furniture, woodwork

Mixing paint thoroughly

Polishing car—fast—easy

Drilling in wood or metal

Removing paint from cars, etc.

Removing carbon from engines

Scrubbing or waxing floors

Removing rust from metals

One of the Most Useful Tools of All... Hundreds of Uses!

Flexible Shafts

Yes... actually hundreds of applications for flexible shafts when used with the proper accessories. Here are just a few: sharpen almost any cutting tool; sand furniture, woodwork, etc.; drill in hard-to-reach places with minimum difficulty; and minimize work in many household chores. Order yours NOW!



\$1450
Complete Set
Without Motor

CRAFTSMAN 50-inch Flexible Shaft Set

Makes grinding, sanding, cleaning, polishing, drilling far easier. Set includes the following:

Flexible Shaft. 50 inches long over-all; fits 3/8-inch motor shaft. Casing has 2 layers of steel consisting of an inner layer of tempered spring steel and an outer layer of soft steel. Ball bearings in hand piece and in motor coupling. Aluminum alloy housings. Black, rust-resistant steel end fittings. Has 3/8-inch core of multiple strand, helically-wound high carbon steel wires. Spindle is 1/2-inch by 20-thread.

Motor. DUNLAP 1/4-H.P. 1750 R.P.M. sleeve bearing split-phase for 110-120-volt 60-cycle A.C.; of fine quality.

Buffing Equipment. 6-in. double-thickness sewed buff; 6-oz. bar of rouge buffing compound for soft, nonferrous metals; 5-oz. bar of Tripoli (brown) buffing compound for aluminum, brass, wood, plastics, etc. Also 4-in. rubber and abrasive polishing wheel, 3/4-in. thick, 3/4-in. bore; 5 1/2-in. flexible sanding plate with medium grit abrasive; 3-jaw chuck, screw-on type, 1/4-in. capacity.

99 A T2651K—Complete set, with motor. Wt. 31 lbs. \$27.95

9 A 2630—Complete set, without motor. Wt. 8 lbs. 14.50

9 A 2633—CRAFTSMAN 50-inch Flexible Shaft, without motor. Shipping weight 6 lbs. 10.75

99 A T2619K—CRAFTSMAN 50-inch Flexible Shaft, with 1/4-H.P. 1750 R.P.M. sleeve bearing split phase motor for 110-120-volt, 60-cycle A.C. Shipping weight 29 pounds. \$24.50

9 A 2634—Flexible Shaft Extension (not shown). 38 inches long. Same construction as above flexible shaft. Without hand piece or motor coupling. Shpg. wt. 3 lbs. 2 oz. \$3.95

9 A 2622—Extra Core for above flexible shaft or extension. Shipping weight 1 lb. 2 oz. \$2.55

Top Quality Features



Helically wound carbon steel wire (23 wires, 5 layers in 50-in. shaft; 35 wires, 6 layers in 72-in. shaft.) Minimum tensile strength 240,000 pounds per square inch.



50-in. flexible shaft casing has inner layer of spring steel. Outer layer of soft steel resists lubrication leakage and rust.



72-in. heavy duty flexible shaft casing has oil tempered spring steel liner; oil-resistant fabric jacket; steel wire and braid reinforced synthetic rubber cover.



Without Motor **\$2850**
CASH
\$3 DOWN ON
EASY TERMS

CRAFTSMAN 72-inch Flexible Shaft

Extra long... and tough. Ideal for heavy duty use in garages, shops, factories and industrial plants.

Chrome plated steel hand piece and motor coupling have extra large precision ball bearings for smoother operation and longer wear. Knurling on hand piece gives firm grip. Black, rust resistant steel end fittings.

Extra long, 72-inch shaft. Fits 3/8-inch motor shaft. Spindle is 3/4-inch, 20-thread. Core is of 3/4-inch high carbon steel wire, helically-wound, multiple-strand. Inner casing is of helically wound steel, covered with heavy, abrasion-resistant synthetic rubber jacket... steel impregnated... will not scratch surfaces.

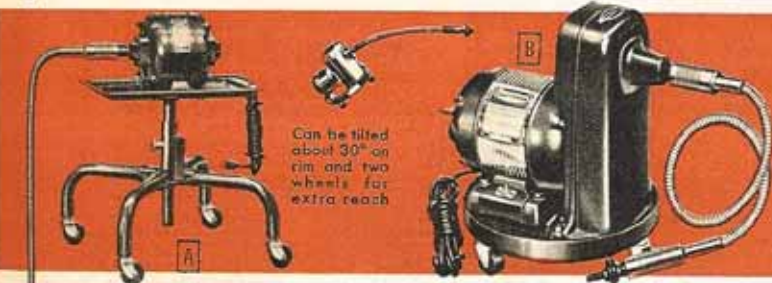
Unusually flexible! Absolutely leakproof! Supports core evenly. The spiral steel chrome finish outer reinforcement at end of shaft protects jacket. Complete with casing, core, motor coupling, hand piece and simple instructions for correct usage.

99 A 02655L—CRAFTSMAN 72-inch Flexible Shaft, without motor. Shpg. wt. 12 lbs. \$28.50

99 A T2629L—CRAFTSMAN 72-inch Flexible Shaft, with 1/4-H.P. 1750 R.P.M. capacitor ball bearing motor for 110-120-volt, 60-cycle A.C. Shipping weight 46 pounds. \$55.95

9 A 2682—Extra Core for above flexible shaft. Shipping weight 3 lbs. 4 oz. 7.25

Sears Easy Terms make it easy to buy all the tools you need for a complete shop NOW! For details see inside back cover



Can be tilted about 30° on rim and two wheels for extra reach

CRAFTSMAN Portable Flexible Shaft Outfits

A CRAFTSMAN Portable Flexible Shaft Outfit. Roll it right to your work... on easy-rolling swivel casters! Outfit includes: 50-in. flexible shaft (9 A 2633 described above); DUNLAP 1/4-HP 1750 RPM split phase motor (for 110-120-volt, 60-cycle, AC) with cord and plug; and portable stand (99 A 02062L listed below).

99 A T2065L—Shipping weight 45 pounds. Complete. \$33.65

CRAFTSMAN Portable Flexible Shaft Stand. For use with any CRAFTSMAN Flexible Shaft and motor. Adjustable height. Mounted on four easy-rolling swivel casters; two with brake locks. Two-speed motor operation adapts for sanding, polishing, etc., by mounting mandrel (not included) under tray.

99 A 02062L—Shipping weight 19 pounds. Stand only. \$9.95

B Multi-Speed Flexible Shaft Outfit. This handy outfit rolls on ball bearing swivel casters... has features found in NO other multi-speed flexible shaft outfit! For floor or bench use. Can be tilted about 30° on rim and two wheels. Has three speeds: approximately 875, 1750 and 3450 RPM, using 1750 RPM motor. Complete with portable base; multi-speed attachment; 50-in. flexible shaft; and DUNLAP 1/4-HP 1750 RPM split phase motor (110-120 volt, 60-cycle, AC) with cord and plug.

99 A T2635K—Shipping weight 45 pounds. Complete outfit. \$48.95

99 A T2639K—Multi-Speed Flexible Shaft Outfit, as above, but with CRAFTSMAN 1/2-HP 1750 RPM ball-bearing capacitor motor (for 110-120 volt, 60-cycle AC) with cord and plug. Shipping weight 55 lbs. \$62.95

99 A 02636K—Outfit as above, but without motor. Includes: portable base; multi-speed attachment; and 50-in. flexible shaft. Shipping weight 21 pounds. \$34.95

CRAFTSMAN Portable Base. Stamped steel base; three ball-bearing swivel casters. Can be tilted 30°, on rim and two wheels. Holes drilled for mounting 9 A 2621 multi-speed attachment (listed below) and 1/4, 3/8 or 1/2-HP motor. With bolts.

9 A 2620—Shipping weight 6 pounds. Base only. \$3.15

CRAFTSMAN Multi-Speed Device. Use with 9 A 2620 portable base above; 1/4, 3/8 or 1/2-HP motor; and CRAFTSMAN 50 or 72-in. Flexible Shaft (described and listed at top of page). Has three speeds: approximately 875, 1750 and 3450 RPM, using 1750 RPM motor. Ball bearing shaft; floating motor mount. Height 12 1/2 in. Complete with 2 cone-type pulleys, V-belt and necessary bolts.

9 A 2621—Shipping weight 9 pounds. Attachment only. \$21.50



Flexible Shaft Grinding and Cutting Accessories

Mounted grinding tools for use on flexible shafts. Points made of highest quality vitrified aluminum oxide. Accurately mounted on 3/8-inch steel shafts; run true. For finish work, die cutting, or other grinding work. Sizes given are stone sizes. Use 9A6458 for sharpening 9A2420 hollow chisel (described and listed on page 37). Shipping weight each 3 ounces.

Catalog No.	Diam.	Length	Each
(C) 9 A 6461	3/8 in.	2 1/2 in.	59c
(D) 9 A 6463	3/8 in.	2 in.	59c
(E) 9 A 6462	1/2 in.	2 in.	59c
(F) 9 A 6459	1 in.	1 in.	59c
(G) 9 A 6458	1 1/4 in.	3/4 in.	59c
(H) 9 A 6457	3/4 in.	1 1/4 in.	59c
(J) 9 A 6460	1 in.	1 in.	59c
(K) 9 A 6443	1 in.	1/2 in.	59c
(L) 9 A 6444	1 1/2 in.	1/2 in.	59c

M Cup Grinding Wheel. Can be used with a flexible shaft, electric grinders, etc. Compact wheel is ideal for grinding in hard-to-reach places. Constructed of high-quality, long-life material. Resinoid bonded. 3/4-inch lead bush arbor hole. 5-inch diameter; 2-inch flared cup; 1-inch rim. Shipping weight 2 lbs. 4 oz.

9 A 6401—Silicon Carbide. For grinding and smoothing concrete and other extra rough surfaces. \$3.85

9 A 6402—Aluminum Oxide. For grinding, smoothing welds, etc. \$3.85

N CRAFTSMAN 6-pc. Rotary Cutter Set. Use with flexible shafts, electric drills, etc. For milling, carving, deburring, etc. High-speed steel; heat treated. 1/4-inch diameter shanks. Shipping weight 6 oz.

9 A 2965—6-pc. set. \$6.15

Individual Rotary Cutters, Shpg. wt. 3 oz.

9 A 2966—1/4-in. cylindrical shape. \$1.15

9 A 2967—1/4-in. spherical shape. 1.15

9 A 2968—3/8-inch elliptical shape. 1.15

9 A 2969—1/4-in. tree shape (radius end). \$1.15

9 A 2970—3/8-in. tree shape (pointed end). \$1.15

9 A 2971—1/4-in. conical shape. 1.15

P CRAFTSMAN Wheel Guard. Fits 9 A 2633, or any flexible shaft with 1 1/2-in. diameter hand piece.

9 A 2637—Shpg. wt. 1 lb. 3 oz. \$3.45

R CRAFTSMAN Wheel Guard. Fits 99 A 02655L, or any flexible shaft with 1 1/2-in. diameter hand piece.

9 A 2638—Shpg. wt. 1 lb. 3 oz. \$3.45

S CRAFTSMAN Angle Head. Ideal for sanding, polishing, cast aluminum head. Ball bearings take thrust; needle bearings take radial load. Fits only 99 A 02655L and 99 A T2629L listed at top of page.

9 A 2628—Wt. 2 lbs. 8 oz. \$28.95

Now! Take advantage of Sears NEW Easy Terms! Then let your tools pay for themselves. See inside back cover for complete details.

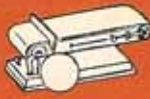
Many-purpose Accessories for use with . . .



Lathes



Portable Sanders



Belt Sanders



Electric Drills



A New Power Tool Every Time You Change Accessories!

A Floor Brush. Handy for scrubbing, waxing, etc. 1-in. long Tampico fibers set in 5-in. diameter hardwood block. 3/4-in. arbor hole. Shpg. wt. 11 oz. 9 A 6487.....\$1.10

B Wire Cup Brush. Special crimped steel wire bristles. 1 1/2 in. long, secured in metal holder. For removing scale, rust, paint or weld spatter from rough metal surfaces. Brushing surface has 1 1/4-in. face. 2 3/4-in. outside diameter; 3/2-in. arbor hole. Shipping weight 4 oz. 9 A 6485......75c

C Carbon Removing Brush. Used by auto mechanics for hard-to-get-at jobs such as carbon removing, brushing motor parts, engine heads, etc. 1-in. long tempered steel wires secured in metal holder. Ferrule diameter 1 in.; 3/4-in. diameter steel shank. Shpg. wt. 4 oz. 9 A 6484......75c

D Tampico Fiber Wheel Brush. Tampico fiber secured by metal center. 6-inch diameter, 5/8-inch face, 1/2-inch arbor hole. 9 A 6486—Shipping wt. 8 oz......75c

E Steel Wire Wheel Brushes. Crimped steel wire; metal center. Coarse made from No. 33 wire; fine from .006-in. diameter wire; heavy duty from No. 33 wire. State wheel diameter and arbor hole size wanted.

Diam.	Face Width	Arbor Hole	Shpg. wt.	Each
9 A 6480—Coarse.				
4 in.	7/16 in.	1/2 in.	5 oz.	\$0.55
6 in.	9/16 in.	5/8 in.	11 oz.	.80
8 in.	1 1/16 in.	1 in.	1 lb.	.95
9 A 6482—Fine.				
4 in.	3/8 in.	1/2 in.	5 oz.	\$0.75
6 in.	1/2 in.	5/8 in.	11 oz.	1.00
8 in.	5/8 in.	1 in.	1 lb.	1.29
9 A 6483—Heavy duty.				
4 in.	1 in.	1/2 in.	14 oz.	\$1.59
6 in.	1 1/8 in.	5/8 in.	1 lb. 12 oz.	2.25
8 in.	1 3/8 in.	1 in.	1 lb. 12 oz.	2.25
8 in.	1 3/8 in.	1 in.	2 lbs. 12 oz.	2.75

F Sanding Drums. Complete with adapter and medium grit sleeve. Diameter 2 1/4 in.; length 3 in. Fits 3/4-in. x 20-thread shaft. 9 A 2524—Shipping weight 12 oz.....\$1.45
Replacement Sanding Sleeve. (Not shown.) For above. State grit: fine, medium, coarse. 9 A 2522—Shipping weight 2 oz......15c

G Lamb's Wool Polishing Drum. 1-in. wool pile. Diameter 2 1/4 in.; length 3 in. Slips over sanding drum 9A2524 at left; polishes curved and irregular surfaces. Shipping weight 3 oz. 9 A 2533......89c

H Lamb's Wool Polishing Bonnets. Fit over sanding plates. For polishing wax surfaces. Shpg. wt. each 8 oz. 9 A 2521—Fits over 4 to 5-in. sanding plate. 1-in. pile......89c
9 A 2527—Fits over 5 to 6-in. sanding plate. 1-in. pile.....\$1.15
9 A 2528—Fits over 7-in. sanding plate. 1 1/4-in. pile.....\$1.35
9 A 2539—Fits over 8-in. sanding plate. 1 1/4-in. pile.....\$1.69

J CRAFTSMAN Spiral-sewn Buffs. Highest quality. Most generally used buff for all work. Made from unbleached muslin, 64x64-thread count. 3/4-in. center hole. Order by catalog number and be sure to state diameter wanted when ordering.

Catalog No.	Diam.	Layers	Shpg. wt.	Each
9 A 6491	4 in.	18	2 oz.	\$0.29
Single Thick-nest Buffs	4 in.	18	3 oz.	.49
	8 in.	18	6 oz.	.69
9 A 6493	4 in.	32	3 oz.	.45
Double Thick-nest Buffs	4 in.	32	6 oz.	.69
	8 in.	32	11 oz.	1.00

CRAFTSMAN Loose Buffs. (Not shown.) 3/4-in. center hole. Same quality as spiral-sewn buffs at left. Rows of sewing indicated are concentric. Easily removed. Use on base metals, plastics and plated surfaces to give light cut and high finish. Please be sure to state diameter wanted.

Catalog Number	Diameter	Rows of Sewing	Layers	Shpg. wt.	Each
9 A 6494	4 in.	2	32	2 oz.	\$0.45
	6 in.	2	32	4 oz.	.69
	8 in.	3	32	7 oz.	1.00

K CRAFTSMAN Buffing Set. For 3/4-in. shafts. 6-in. double-thick muslin buffing wheel; 6-oz. bar Rouge and 5-oz. bar Tripoli (brown) buffing compounds. 9 A 2864—Shpg. wt. 1 lb. 1 oz..... Set \$1.00

L CRAFTSMAN Buffing Compound Set. One 5-oz. bar each of Emery (black), Tripoli (brown), Red Rouge and White Rouge. 9 A 2896—Shpg. wt. 2 lbs....4 bars for 75c
CRAFTSMAN 6-oz. Buffing Compound Bars. 9 A 2860—White Rouge. Shpg. wt. 8 oz.....20c
9 A 2865—All Purpose. Shpg. wt. 8 oz.....20c

M CRAFTSMAN Economy-size Buffing Compound Bars. 7 1/4 x 2 1/4 x 1 1/4 inches. 9 A 2872—White Rouge. 19-oz. bar. For hard metals. Shpg. wt. 1 lb. 8 oz.....55c
9 A 2868—All Purpose. 1-lb. bar. For plastics, most metals. Shpg. wt. 1 lb. 4 oz.....55c



GRIT CHART

Grade	Approx. Grit	Finest Sandpaper	Garnet Paper	Emery Cloth	Alum. Oxide Cloth
Extra fine	150	2/0	4/0	2/0	
Fine	120	1/0	3/0		3/0
Medium fine	100	1/2	2/0	0	2/0
Medium	80			1	
Medium coarse	60	1 1/2	1 1/2		1 1/2
Coarse	40	2	1 1/2		



Grits of Abrasive Papers and their Uses

- Use coarse, medium coarse and medium grit for fast removal of material.
- Use medium fine and fine grit for semi-finishing and light removal of material.
- Use extra fine grit for finishing, polishing.

N Garnet Paper. 9x11-inch sheets. Tough; outlasts sandpaper.

9A6795—State grit and size package wanted.

Grit	Shpg. wt. of 6	6 for	72 for
4/0 Extra fine	4 ounces	\$0.30	\$3.20
3/0 Fine	4 ounces	.30	3.20
2/0 Medium fine	5 ounces	.30	3.20
0 Medium	6 ounces	.33	3.55
1/2 Medium coarse	7 ounces	.39	4.19
1 1/2 Coarse	8 ounces	.49	5.29

Wet or Dry Garnet Paper. 9x11-inch sheets. Can be used dry or with water or rubbing oil to produce a professional finish on wood or metal. Folds without cracking.

9 A 3018—Please state grit wanted.

Grit	6/0	4/0	2/0
Super fine	3 oz.	3 oz.	3 oz.
6 for	27c	35c	43c

9 A 3006—Assorted Grits. 4 1/2 x 5 1/2 in. sheets. Shpg. wt. 2 oz. One package (10 sheets).....19c

P Emery Cloth. Package of 6 sheets; 4 1/2 x 5 1/2 inches; assorted grits. Shipping weight 3 ounces. 9 A 6799—One package for.....9c
9 A 6798—3 sheets; 9x11 inches. Choice of 2/0, 3/0 or 1 grit. Please state grit wanted when ordering. Shipping weight 3 oz.....3 for 29c

R Sandpaper. 4 1/2 x 5-inch sheets. 20 sheets per package. Assorted grits. Shipping wt. 4 oz. 9 A 6794—One package for.....9c
9x10-in. sheets. Sold only in units of 12 or 120 sheets. 9 A 6793—Please be sure to state grit, and quantity of sheets wanted when ordering.

Grit	Shpg. wt. of 12	12 for	120 for
2/0 Extra fine	6 oz.	19c	\$1.69
1/0 Fine	8 oz.	19c	1.69
1/2 Medium fine	9 oz.	20c	1.79
1 Medium	10 oz.	23c	2.10
1 1/2 Medium coarse	11 oz.	25c	2.29
2 Coarse	1 lb. 1 oz.	29c	2.65

S Aluminum Oxide Cloth. 9x11-inch sheets. Toughest abrasive known.

9 A 6789—State grit and size package wanted.

Grit	Shpg. wt. of 3	3 for	24 for
3/0 Fine	6 oz.	43c	\$3.25
2/0 Medium fine	6 oz.	43c	3.25
0 Medium	6 oz.	49c	3.65
1/2 Medium coarse	6 oz.	49c	3.65

T DUNLAP Sanding Block. With 30x1 1/2-in. roll of medium grit garnet paper. Pull out new section as sanding cloth wears out. 9A3681—Shpg. wt. 1 lb. 4 oz.....75c

Sanding Block Refills.
9 A 3688—Garnet paper. 30x1 1/2-in. rolls. Coarse, medium, fine. State grit. Shpg. wt. 3 oz.....10c
9 A 3689—Aluminum Oxide. 30x1 1/2-in. rolls. Coarse, medium, fine. State grit. Shpg. wt. 3 oz.....10c

U CRAFTSMAN Shop Rolls. Cloth back, aluminum oxide abrasive. For wood or metal finishing. Order by catalog no.; state grit.

9 A 8431—1 inch wide

Grit	Shpg. wt.	10-yd. roll
Fine	7 ounces	\$0.85
Medium	7 ounces	.95
Coarse	10 ounces	1.05

9 A 8433—1 1/2 inches wide

Grit	Shpg. wt.	10-yd. roll
Fine	7 ounces	\$1.25
Medium	10 ounces	1.39
Coarse	13 ounces	1.63

V DUNLAP High-quality Steel Wool. Handy around the shop or home. Furnished in handy pads, in your choice of four grades: 0-fine; 1-medium fine; 2-medium; 3-coarse. Be sure to state grade wanted. 9 A 6791—Package of 16 pads. Shipping weight 1 lb. 4 oz.....45c

W Liquid Glue. Use for wood, leather, glass, etc. Ready to use; no mixing necessary.

9 A 8089—4-oz. bottle. Shipping weight 14 ounces.....29c
9 A 8082—8-oz. bottle. Shipping weight 1 lb. 4 oz.....55c

X Casein Powder Glue. Makes a stronger bond than ordinary glue. Simply mix with water. Fine for use where dampness occurs. Shpg. wt. 1 lb. 4 oz. 9 A 8092—11-oz. can.....85c

Y DUNLAP White Glue. A fast-setting, clear-drying liquid resin glue. Makes a fast bond. For woodworkers, hobbyists, etc.; for wood, leather, paper, cork, etc. Shpg. wt. 14 oz. 9 A 8087—4-oz. bottle.....35c



Flexible Shafts



Bench Grinders



Polishing Heads



A



C



B



D



E

F

G

H

J

K

L

Make Sears Your Headquarters for Power Tool Accessories!

A Aluminum oxide abrasive rubber-bonded Cut-off Wheels. 8-in. diameter by $\frac{1}{2}$ in. thick. For $\frac{1}{2}$, $\frac{3}{8}$, or $\frac{3}{4}$ -in. shaft. 9 A 6470—State shaft. Shpg. wt. 1 lb. . . . \$1.29

B Resinoid-Bonded Cut-Off Wheels. 8-in. diameter, $\frac{3}{32}$ in. thick. For $\frac{1}{2}$, $\frac{3}{8}$ or $\frac{3}{4}$ -in. shaft. State shaft diameter.

9 A 6448—For steel sheets or tubing, etc. (Aluminum oxide.) Shpg. wt. 1 lb. Each. . . \$1.29
9 A 6449—For tile, porcelain, etc. (Silicon carbide.) Shpg. wt. 1 lb. Each. 1.39
9 A 6455—For cast iron, brick, concrete, etc. (Silicon carbide.) Shpg. wt. 8 oz. Each. 1.39

C Bayflex Abrasive Wheels. Safest all-purpose grinding wheel made. Cotton felt, aluminum oxide impregnated and resinoid bonded. Replace hack saw, file, sharpening wheel or circular saw, 1-in. hole. Bushings furnished for smaller shafts.

9 A 6428—State diameter, grit and hole size.

Diam.	Thickness	R.P.M.	Grit	Shpg. wt.	Each
6 in.	$\frac{1}{16}$ in.	10,000	120	8 oz.	\$1.45
6 in.	$\frac{3}{32}$ in.	10,000	80	12 oz.	1.75
6 in.	$\frac{1}{8}$ in.	10,000	24	1 lb.	2.05
7 in.	$\frac{1}{16}$ in.	8,500	120	12 oz.	1.89
7 in.	$\frac{3}{32}$ in.	8,500	80	1 lb.	2.25
7 in.	$\frac{1}{8}$ in.	8,500	24	1 lb. 8 oz.	2.75
8 in.	$\frac{3}{32}$ in.	7,500	120	1 lb.	2.35
8 in.	$\frac{1}{8}$ in.	7,500	80	1 lb. 4 oz.	2.95
8 in.	$\frac{3}{16}$ in.	7,500	24	1 lb. 8 oz.	3.75
10 in.	$\frac{1}{8}$ in.	6,000	24	2 lbs.	5.50
10 in.	$\frac{1}{4}$ in.	6,000	24	3 lbs.	8.95

D CRAFTSMAN Rubber Polishing Wheel. Abrasive in rubber. Ideal for rust removal, die work, deburring, sharpening, etc. $\frac{3}{8}$ in. thick; $\frac{3}{8}$ -in. bore. Max. speed recommended: 4-in., 3800 R.P.M., 6-in., 2500 R.P.M. Fine, medium or coarse. State grit.

9 A 2928—4-in. Shpg. wt. 9 oz. . . \$1.15
9 A 2929—6-in. Wt. 1 lb. 8 oz. . . \$1.98

E Abrasive Discs. Aluminum oxide on paper. For wood or metal. 4-in. Fits sanding plates up to 4 inches in diam. Pkg. of 6 (2 coarse, 2 medium, 2 fine).

9 A 2544—4 inch. Shpg. wt. 4 oz. . . 25c
5-inch. Fit sanding plates from $4\frac{1}{2}$ through 5 inches in diameter.

9 A 2543—5-inch. Pkg. of 6 (3 medium, and 3 fine). Shpg. wt. 4 oz. 25c

9 A 2542—5-inch. Open coat grit, for heavy or old stock removal, paint or varnish removal. Package of 3. Shipping weight 2 ounces. 25c

F $5\frac{1}{2}$ -inch Deluxe Cloth-Backed Pre-gummed Abrasive Discs. Pregummed; no additional adhesive required. Aluminum oxide. For wood or metal. Fits 9A2610 sanding plate at bottom of page, or any other $5\frac{1}{2}$ -in. sanding plate. Fine, medium, or coarse grit. State grit.

9 A 2612—Pkg. of 2. Wt. 2 oz. . . . 29c

G 6-inch Abrasive Discs. Aluminum oxide abrasive on paper backing. For use on wood or metal. Hole in center. Will fit the CRAFTSMAN sander-polisher-buffer on page 21. Also will fit any other 6-in. sanding plates, whether they take perforated or solid replacement discs. Open coat ideal for heavy or old stock removal, for paint or varnish removal.

9 A 2532—State grit wanted.

Fine. Pkg. of 6. Shpg. wt. 6 oz. 29c

Medium. Pkg. of 6. Shpg. wt. 6 oz. . . . 29c

Coarse. Pkg. of 4. Shpg. wt. 6 oz. . . . 29c

Open Coat Coarse. Package of 3. Shipping weight 6 oz. 29c

Assorted. Pkg. of 6 (2 fine, 2 medium, 2 coarse). Shpg. wt. 6 oz. 29c

H 7-inch Abrasive Discs. Aluminum oxide abrasive. For wood or metal.

9 A 2613—7-in. Deluxe Cloth-Backed Pre-Gummed Abrasive Discs. Fits 9A2611 sanding plate at bottom of page or any 7-in. sanding plate. Fine, medium or coarse grit. State grit wanted. Pkg. of 2. Shipping weight 3 oz. 40c

9 A 2531—7-inch. Aluminum Oxide on Paper Backing. Fits 9A1708 Work shop, 9A2567 Sander-Polisher Outfit or any 7-in. sanding plate. Pkg. of 6 (2 fine, 2 medium, 2 coarse). Shpg. wt. 9 oz. 49c

J 8-inch Abrasive Discs. Aluminum oxide on paper. For use on wood or metal. Fits sanding plates 9A2341 and 9A2491 at bottom of page; also fits Sears former sander No. 2213; also fits any other 8-inch sanding plates.

9 A 2525—State grit wanted.

Fine. Pkg. of 6. Shpg. wt. 8 oz. . . . 59c

Medium. Pkg. of 6. Shpg. wt. 8 oz. 59c

Coarse. Pkg. of 5. Shpg. wt. 8 oz. 59c

K 9-inch Abrasive Discs. Aluminum oxide abrasive on paper backing. For use on wood or metal. Fits our former 2730 disc sander or 99AM2235 sander (listed on page 20); or fits any other 9-inch diameter sanding plate.

9 A 2526—State grit wanted.

Fine. Pkg. of 6. Shpg. wt. 8 oz. . . . 69c

Medium. Pkg. of 6. Shpg. wt. 8 oz. 69c

Coarse. Pkg. of 5. Shpg. wt. 8 oz. 69c

L 10-inch Abrasive Discs. Aluminum oxide abrasive on paper backing. For use on wood or metal. Fits Sears former Sander No. 2210 or any other 10-inch sanding plates.

9 A 2534—State grit wanted.

Fine. Pkg. of 6. Shpg. wt. 10 oz. . . . 89c

Medium. Pkg. of 6. Wt. 10 oz. . . . 89c

Coarse. Pkg. of 5. Wt. 10 oz. . . . 89c



M



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All Sears Sanding and Abrasive Supplies are top professional quality

M Stick Disc Cement. Holds sanding discs firmly to metal or wood sanding plates. Non-drying type. Choice of $4\frac{3}{4}$ or 16-oz. sticks. 9 A 2219— $4\frac{3}{4}$ -oz. stick. Shpg. wt. 6 oz. . . . 35c
9 A 2229—16-oz. stick. Shpg. wt. 1 lb. 2 oz. . . 75c

N Liquid Disc Cement. Fastens abrasive discs to metal plates. Sets quickly and holds very firm. Shipping weight 1 lb. 2 oz.

9 A 2535— $\frac{3}{4}$ -pint bottle. 49c

P 7-inch Resin-bonded Abrasive Discs. $\frac{3}{8}$ -inch center hole. These resin-bonded abrasive discs outlast glue-bonded discs from 2 to 2 $\frac{1}{2}$ times! Easily worth the difference in price. Won't "soften up" under high speeds. Fine for curved surfaces. Made of aluminum oxide grit, firmly bonded to pliable fiber back. Your choice of following grits: No. 24, 36, 50 or 80. Please be sure to state grit wanted when ordering.

9 A 2220—Shipping wt. 5 oz. Each 39c

R 7-inch Fiber Backing Pads. Used for backing up abrasive discs for more rigidity. Please state $\frac{1}{2}$ -inch center hole when ordering.

9 A 2225—Shipping weight 4 oz. Each 60c

S Sanding Plates. Exceptionally high quality. Strongly made of cast iron. Set screw provided to lock plate securely on spindle. Plate has one abrasive disc for sanding wood, attached. Extra abrasive discs will be found listed at left. Be sure to check spindle size before ordering and order by correct catalog number.

8-inch diameter. Fits lathe 99A02160L (page 22) or any $\frac{3}{4}$ -in. straight unthreaded spindle.

9 A 2341—Shipping weight 2 lbs. \$3.69

8-inch diameter. Fits lathe 99AM2307 (see page 22) or any $\frac{3}{8}$ in. x 16 right hand thread spindle.

9 A 2491—Shpg. wt. 2 lbs. 8 oz. \$4.60

T Sanding Wheel. 8 or 10-in. diameter. $\frac{3}{8}$ or $\frac{1}{2}$ in. bore. Exceptionally high quality. Strongly made of steel. Fits any 8-in. or larger bench saw, having $\frac{3}{8}$ or $\frac{1}{2}$ -in. arbor. Has one medium and one coarse abrasive disc for wood, attached. Be sure to state hole size and diameter wanted when ordering.

9 A 2272—Shipping weight 4 lbs. \$2.50

Replacement Sanding Discs, for 9A2272 sanding wheel above. 8 or 10-in. diameter. 2-inch center hole fits over any arbor. 8-in. diam. includes 2 fine, 2 med., 2 coarse; 10-in. diam. includes 1 fine, 1 med., 2 coarse. Be sure to state size wanted when ordering.

9 A 2273—Shipping weight 10 ounces. 59c

U Flexible Sanding Plates. These flexible sanding plates will fit flexible shafts, polishing heads, lathes, electric hand drills, etc., or any other $\frac{1}{2}$ -inch 20-thread spindle. One medium grit abrasive attached. For wood or metal.

$5\frac{1}{2}$ -inch diameter. Thick, molded flexible rubber pad, with $3\frac{1}{2}$ -inch diameter steel insert. Center-screw in hub keeps sanding disc from shifting.

9 A 2610—Shipping weight 13 oz. \$1.29

7-inch diameter. Thick, molded flexible rubber pad, with $4\frac{3}{8}$ -inch diameter steel insert. Hub center-screw keeps sanding disc from shifting. Takes regular 7-in. discs at top of page or resin-bonded discs at left.

9 A 2611—Shipping weight 1 lb. 5 oz. \$1.75

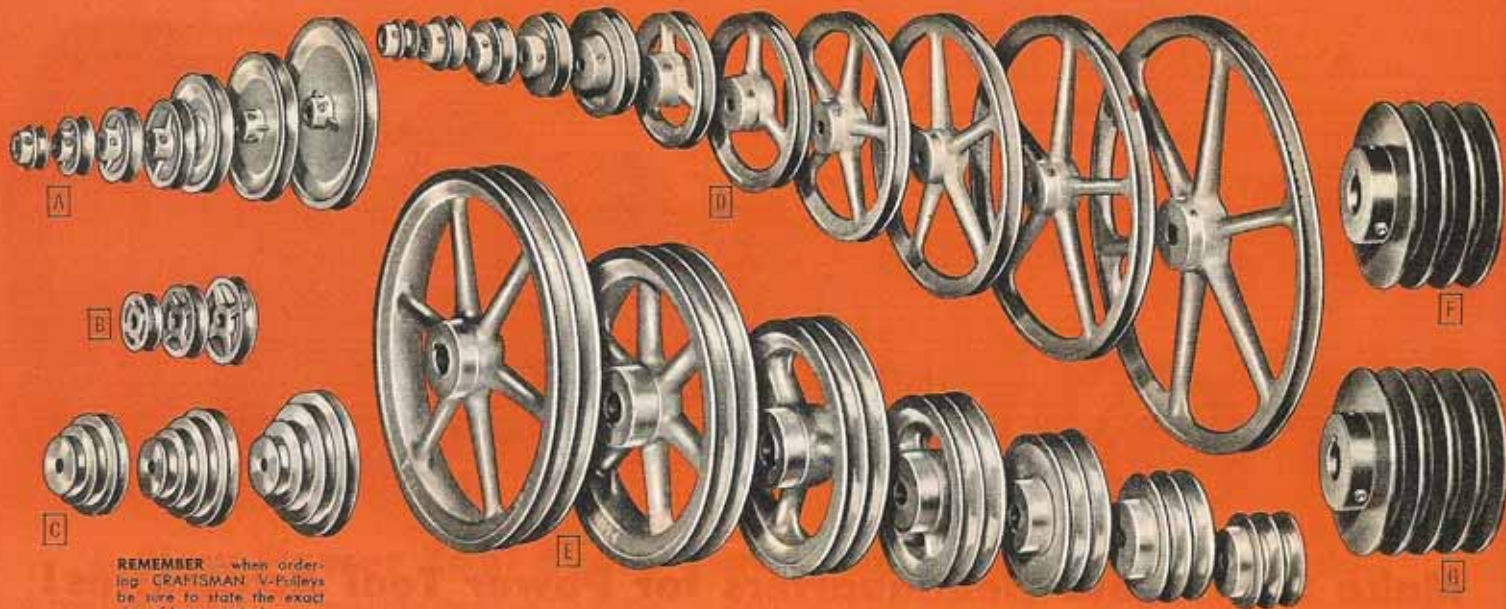
V Sanding Belts. These sanding belts have exceptionally high quality throughout. Endless construction. For sanding wood or metal. Choice of fine, medium or coarse grit. Please be sure to state grit wanted when ordering.

9 A 2167—6x48 $\frac{3}{4}$ inches. Aluminum oxide on cloth. Fits 99AM2235 sander (see page 20). Shpg. wt. 8 oz. . . . \$1.10

9 A 2211—4x52 $\frac{1}{2}$ inches. Aluminum oxide on cloth. Fits Sears former No. 2210 sander. Shpg. wt. 10 oz. . . . 79c

9 A 2215—4x36 inches. Aluminum oxide on cloth. Fits sander 99A02236 on page 20 or Sears former No. 2213 sander. Shipping weight 4 ounces. 59c

Sears Easy Terms make it easy to equip an entire workshop. See inside back cover for details.



REMEMBER when ordering CRAFTSMAN V-Pulleys be sure to state the exact size of bore wanted.

CRAFTSMAN V-Pulleys . . Precision balanced . . Smooth running

REG. U.S. PAT. OFF.

CRAFTSMAN pulleys are scientifically designed for greatest working efficiency and are carefully and accurately made to give you top working performance from your machinery or power tools. All the belt grooves are painstakingly machined

to run true. All bores are reamed to exact size. Diameters given in the table listings below refer to outer edge of pulleys, not to bottom of the groove. Before ordering, carefully check diameter and bore size wanted.

CRAFTSMAN single groove V-Pulleys

A Made of tough alloy die cast metal. Strong flanges and hubs; machined grooves and reamed bores. One Allen head hardened set-screw insures positive locking of pulley on shaft. For $\frac{3}{8}$ -in. (O section) or $\frac{1}{2}$ -in. (A section) V-belts, except 9A2800, which is for use with $\frac{3}{8}$ -in. (O section) belt only. *State bore size.*

Cat. No.	Diameter	Bore, inch	Shpg. wt.	Each
9A2800	1½ in.	½	3 oz.	35c
9A2801	2 in.	½, ¾	5 oz.	45c
9A2802	2½ in.	½, ¾, 1	6 oz.	50c
9A2803	3 in.	½, ¾, 1	7 oz.	55c
9A2804	4 in.	½, ¾, 1	10 oz.	75c
9A2805	5 in.	½, ¾, 1	15 oz.	90c
9A2806	6 in.	½, ¾, 1	1 lb. 6 oz.	\$1.30

CRAFTSMAN hubless V-Pulleys

B Made of tough alloy die cast metal. Permit use of pulleys side by side for multiple drives. Machined grooves and reamed bores. One Allen head hardened set-screw locks pulley on shaft. For $\frac{3}{8}$ -in. (O section) or $\frac{1}{2}$ -in. (A section) V-belts. *State bore size wanted.*

Cat. No.	Diameter	Bore, inch	Shpg. wt.	Each
9A2901	2 in.	½, ¾	6 ounces.	50c
9A2902	2½ in.	½, ¾, 1	9 ounces.	55c
9A2903	3 in.	½, ¾, 1	11 ounces.	65c

CRAFTSMAN cone-type V-Pulleys

C Made of tough alloy die cast metal. Use in pairs for variable speed applications. Three and four step. One Allen head, hardened set-screw locks pulley on shaft. For $\frac{3}{8}$ -in. (O section) or $\frac{1}{2}$ -in. (A section) V-belts. Have $\frac{3}{8}$, $\frac{1}{2}$ or $\frac{3}{4}$ -inch bore. *State bore size.*

Cat. No.	Size	Diam., step, in.	Shpg. wt.	Each
9A2788	3 in.	3, 3½, 2	1 lb.	\$1.15
9A2792	4 in.	4, 3½, 2½, 2	1 lb. 10 oz.	1.50
9A2793	5 in.	5, 4, 3, 2	1 lb. 14 oz.	1.70

CRAFTSMAN single-groove V-Pulleys

D Made of heavy cast iron. Heavy duty for production work in the shop, household or on the farm. Use to replace single groove V-pulleys on any type electric motor or gas engine. Positive grip grooves are expertly machined and bores are accurately reamed. CRAFTSMAN single groove V-pulleys have slotted-head, hardened set-screw. Standard keyways in $\frac{3}{8}$ -inch or larger bores. The grooves fit $\frac{3}{8}$ -inch (O section) or $\frac{1}{2}$ -inch (A section) wide V-belts. *Order by catalog number and please remember to state clearly the size of bore which you require.*

Cat. No.	Diameter	Bore, inch	Shpg. wt.	Each
9A2880	1½ in.	½	9 oz.	50c
9A2881	2 in.	½, ¾	11 oz.	55c
9A2882	2½ in.	½, ¾, 1	15 oz.	65c
9A2883	3 in.	½, ¾, 1	1 lb. 7 oz.	75c
9A2884	4 in.	½, ¾, 1	2 lbs. 3 oz.	95c
9A2885	5 in.	½, ¾, 1	2 lbs. 7 oz.	\$1.25
9A2886	6 in.	½, ¾, 1	3 lbs.	1.55
9A2808	8 in.	½, ¾, 1	3 lbs. 15 oz.	1.85
9A2810	10 in.	½, ¾, 1	4 lbs. 7 oz.	2.10
9A2812	12 in.	½, ¾, 1	5 lbs. 11 oz.	2.75
9A2814	15 in.	¾, 1	9 lbs. 11 oz.	5.30

CRAFTSMAN two-groove V-Pulleys

E Made of heavy cast iron. Balanced and true running, strong enough for heavy production work. Use on electric motors or gas engines on industrial, farm, workshop or household machines. Standard keyways provided in all bores listed in table below. Two hardened, hollow-head set-screws. With wrench. For V-belts $\frac{3}{8}$ -in. (A section) or $\frac{1}{2}$ -in. (B section) wide. *9A2904—State pulley diameter and size bore wanted.*

Diameter	Bore, inch	Shpg. wt.	Each
3 in.	¾, 1	2 lbs. 11 oz.	\$2.80
4 in.	¾, 1, 1¼	4 lbs. 1 oz.	3.50
5 in.	¾, 1, 1¼	5 lbs. 9 oz.	3.85
6 in.	¾, 1, 1¼	6 lbs. 6 oz.	4.50
7.8 in.	1, 1¼	9 lbs. 11 oz.	5.65
9.8 in.	1, 1¼	11 lbs. 8 oz.	6.40
12.8 in.	1, 1¼	13 lbs. 15 oz.	7.75

CRAFTSMAN 3 and 4-groove V-Pulleys

F Heavy duty. Accurately machined grooves; precision reamed bores. Made of heavy cast iron; balanced; true running. Keyway sizes: from $\frac{3}{8}$ -in. through $\frac{9}{16}$ -in., bores, no keyway; from $\frac{3}{8}$ -in. through $\frac{15}{16}$ -in., $\frac{3}{16}$ -in. keyway; from $\frac{15}{16}$ -in. through $1\frac{1}{8}$ -in., $\frac{1}{4}$ -in. keyway; from $1\frac{1}{8}$ -in. through $1\frac{7}{8}$ -in., $\frac{3}{8}$ -in. keyway. Allen head screws and Allen head wrench included. Keys not included. Bore sizes: 3.8, 4, and 4.6-in. diameter, $\frac{3}{8}$ through $1\frac{3}{4}$ in. by 1/16-in. variations; remainder have bore sizes ranging from $\frac{1}{2}$ -in. to $1\frac{1}{2}$ -in. by 1/16-in. variations. Shipped from factory in Chicago; order and pay shipping charges from your Sears mail order house. *Order by catalog number and state pulley diameter and bore.*

Diam. inches	F 3-Groove		G 4-Groove	
	Shpg. wt.	Each	Shpg. wt.	Each
9A2905F				
3.8	3 lbs. 8 oz.	\$6.25	4 lbs. 12 oz.	\$7.35
4	3 lbs. 8 oz.	6.30	5 lbs. 4 oz.	7.50
4.6	5 lbs.	6.50	6 lbs. 8 oz.	7.95
5	5 lbs. 12 oz.	6.85	7 lbs. 8 oz.	8.50
5.6	6 lbs. 8 oz.	7.35	8 lbs. 12 oz.	9.25
6	7 lbs.	7.80	10 lbs.	9.95
7	8 lbs. 8 oz.	9.25	13 lbs.	11.75
9A2905LF				
7.8	14 lbs.	\$10.25	16 lbs.	\$12.95
9	16 lbs.	11.50	19 lbs.	14.25
9.8	17 lbs.	12.25	20 lbs.	15.25
11.4	20 lbs.	14.25	23 lbs.	16.95
12.8	23 lbs.	15.25	26 lbs.	18.50
15.8	30 lbs.	18.50	34 lbs.	22.95
18.8	43 lbs.	22.95	45 lbs.	26.95
9A2906LF				

The pulleys on this page were designed to fit CRAFTSMAN and other makes of tools. CRAFTSMAN V-belts (on facing page) were manufactured to match CRAFTSMAN pulleys or any other make of a corresponding line.



Matched V-Belts

Matched for multiple drive, $\frac{3}{8}$ -in. Shipped from factory in Chicago. Order and pay shipping charges from your mail order house.

9A1799F—State size wanted when ordering.

Size	Shipping weight	Each	Size	Shipping weight	Each
37 in.	1 lb.	\$1.50	93 in.	1 lb. 8 oz.	\$3.25
40 in.	1 lb.	1.65	96 in.	1 lb. 8 oz.	3.35
44 in.	1 lb.	1.80	100 in.	1 lb. 8 oz.	3.50
49 in.	1 lb.	1.95	103 in.	1 lb. 8 oz.	3.60
53 in.	1 lb.	2.10	108 in.	1 lb. 8 oz.	3.75
54 in.	1 lb.	2.10	115 in.	1 lb. 8 oz.	4.00
56 in.	1 lb.	2.15	123 in.	2 lbs.	4.25
58 in.	1 lb.	2.20	131 in.	2 lbs.	4.55
63 in.	1 lb.	2.25	147 in.	2 lbs.	5.15
68 in.	1 lb. 8 oz.	2.40	161 in.	2 lbs.	5.65
71 in.	1 lb. 8 oz.	2.45	176 in.	2 lbs.	6.15
78 in.	1 lb. 8 oz.	2.75	184 in.	2 lbs.	6.50
84 in.	1 lb. 8 oz.	2.90	199 in.	2 lbs. 8 oz.	6.95
88 in.	1 lb. 8 oz.	3.10			

Table of Pulley Speeds

Use this table to determine the speed of your machine with varying sizes of motor and machine pulleys. Figures given are for use with belt at proper tension and a standard motor speed of 1750 R.P.M. Check the EXAMPLE given at right—then you'll be sure of ordering the correct size pulley for your machine.

Diam. of Driving or Motor Pulley	Diameter in Inches of Machine or Driven Pulley				
	1½	2	2½	3	4
1½ in.	1725	1290	1030	860	645
2 in.	2300	1725	1380	1150	860
2½ in.	2890	2160	1725	1440	1080
3 in.	3450	2590	2070	1725	1290
4 in.	4600	3450	2760	2300	1725
5 in.	5750	4310	3450	2870	2160
6½ in.	7460	5600	4490	3740	2800

EXAMPLE—the machine has a 2-in. pulley and should run 3450 or 3500 R.P.M. What size pulley should be used with a 1750 R.P.M. motor? From the above table, follow down the vertical 2-in. column to the speed of 3450, then to the left in column headed "Diameter of Driving or Motor Pulley." The answer is a 4-inch diameter pulley.

How to figure pulley diameter for engine. Multiply diameter of driven pulley by speed (R.P.M.) of driven machine. Divide result by the speed (R.P.M.) of engine. Result is diameter of machine pulley.

How to figure machine pulley diameter. Multiply diameter of engine pulley by speed (R.P.M.) of engine. Divide result by speed (R.P.M.) at which driven machine will run. Result is diameter of machine pulley.



CRAFTSMAN V-Belts . . Built for maximum power transmission

CRAFTSMAN V-belts are highest quality . . . expertly made from the finest materials available in order to give you the utmost in satisfaction. Each belt has an extra heavy, closely woven cotton jacket wrapped around pliable, heat-resistant rubber. Reinforcing cords are pre-treated in liquid rubber.

3/8-inch V-Belts

CRAFTSMAN quality. Correct size for use on drives over small diameter pulleys. See "How to Measure" above.

1/2-inch V-Belts . . for most applications with V-pulleys

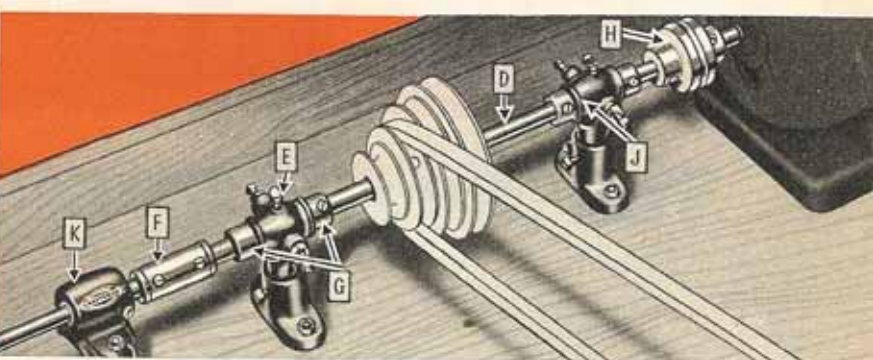
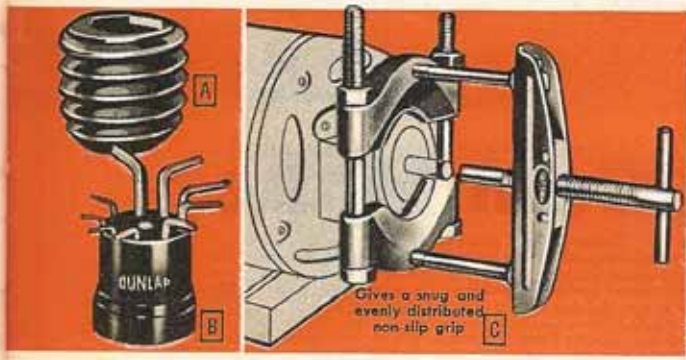
Genuine CRAFTSMAN quality. The correct size for most applications with V-pulleys, 2 inches in diameter or larger. Gives positive non-slip grip along sides of V-pulley grooves. Be sure to order the correct size V-belt. See "How to Measure" above at left.

Why not replace your worn-out V-belt with a long-wearing, true-running CRAFTSMAN V-belt today . . . you'll speed up production and cut costs immediately.

Cat. No.	Length	Shpg. wt.	Each
9 A 1520	20 in.	4 oz.	50c
9 A 1522	22 in.	4 oz.	50c
9 A 1524	24 in.	4 oz.	50c
9 A 1526	26 in.	4 oz.	55c
9 A 1528	28 in.	4 oz.	55c
9 A 1530	30 in.	4 oz.	55c
9 A 1532	32 in.	4 oz.	60c
9 A 1534	34 in.	4 oz.	60c
9 A 1536	36 in.	4 oz.	65c
9 A 1537	37 in.	4 oz.	65c
9 A 1538	38 in.	4 oz.	65c

Be sure to order the correct size V-belt. See "How to Measure" above before ordering.

Cat. No.	Length	Shpg. wt.	Each	Cat. No.	Length	Shpg. wt.	Each	Cat. No.	Length	Shpg. wt.	Each
9 A 1622	22 in.	4 oz.	50c	9 A 1637	37 in.	6 oz.	70c	9 A 1650	50 in.	7 oz.	80c
9 A 1624	24 in.	4 oz.	50c	9 A 1638	38 in.	7 oz.	70c	9 A 1651	51 in.	7 oz.	90c
9 A 1625	25 in.	4 oz.	50c	9 A 1639	39 in.	7 oz.	70c	9 A 1652	52 in.	7 oz.	90c
9 A 1626	26 in.	4 oz.	55c	9 A 1640	40 in.	7 oz.	70c	9 A 1654	54 in.	7 oz.	90c
9 A 1628	28 in.	4 oz.	55c	9 A 1641	41 in.	7 oz.	75c	9 A 1656	56 in.	8 oz.	\$1.00
9 A 1629	29 in.	4 oz.	55c	9 A 1642	42 in.	7 oz.	75c	9 A 1658	58 in.	8 oz.	1.00
9 A 1630	30 in.	5 oz.	55c	9 A 1643	43 in.	7 oz.	75c	9 A 1660	60 in.	8 oz.	1.00
9 A 1631	31 in.	5 oz.	60c	9 A 1644	44 in.	7 oz.	75c	9 A 1662	62 in.	8 oz.	1.10
9 A 1632	32 in.	5 oz.	60c	9 A 1645	45 in.	7 oz.	75c	9 A 1664	64 in.	8 oz.	1.10
9 A 1633	33 in.	5 oz.	60c	9 A 1646	46 in.	7 oz.	80c	9 A 1666	66 in.	9 oz.	1.15
9 A 1634	34 in.	6 oz.	60c	9 A 1647	47 in.	7 oz.	80c	9 A 1684	84 in.	10 oz.	1.35
9 A 1635	35 in.	6 oz.	60c	9 A 1648	48 in.	7 oz.	80c	9 A 16100	100 in.	11 oz.	1.60
9 A 1636	36 in.	6 oz.	70c								



Set Screws, Wrenches

A Socket Set Screws. Replace ordinary set screws. Can be screwed flush with surface. Tough alloy steel. Wt. each 2 oz.

9 A 2809—Please state diameter and length.

Diameter	Length	Threads to in.	Each
1/4 inch	1/4 inch	20	5c
1/4 inch	1/2 inch	20	5c
3/16 inch	3/16 inch	18	5c
3/16 inch	1/2 inch	18	5c
3/16 inch	3/8 inch	16	5c

B 9-piece Set Screw Wrench Set. For above set screws. Made of tempered tool steel. In convenient plastic holder. Wrenches held securely in holder by Neoprene rubber device; will not fall out when holder is tipped. Fit socket set screws Nos. 4, 6, 8, 10 and 1/4, 5/16, 3/8, 7/16 and 1/2 inch.

9 A 2807—Shipping weight 10 oz. Set 98c

9 A 2813—Individual sizes. Please state hex. size wanted. Shpg. wt. each 1 oz.

Hex. size 1/8-in.; fits 1/4-in. set screw 9c
 Hex. size 3/32-in.; fits 3/16-in. set screw 9c
 Hex. size 1/16-in.; fits 1/8-in. set screw 9c
 Hex. size 1/32-in.; fits 1/16-in. set screw 9c
 Hex. size 1/4-in.; fits 3/8-in. set screw 9c

Pulley Remover

C CRAFTSMAN. An excellent sheave and pulley remover for small V-drive pulleys when frozen fast on electric motors or other power tool shafts, and for removing drive sheaves.

Fits single or multiple groove pulleys, gears, bearings, etc. Eliminates pulling on outer flange. Easy to operate. Just clamp in V-groove of sheave or pulley . . . the pulling strain is distributed evenly around a great part of the circumference. Gives a positive non-slip grip. Has capacity of 1 1/4 to 4 1/2 inches. Strong steel construction.

Handy for the home workshop or for the man who does set-up and mechanical repair work; the answer to many service and maintenance problems.

9 A 4696—Shpg. wt. 4 lbs. \$3.15

Seers Easy Terms make it easy to equip a power tool shop. See information on inside back cover.

Line Shaft and Line Shaft Accessories

Here's your opportunity to set up a power tool unit in your home workshop at an extremely low cost. With this line shaft it is possible to drive a number of tools from one motor. Exceptionally high quality throughout. Precision built to assure utmost accuracy. For best results we recommend a 1/2-H.P. motor or larger for line-shaft driving.

D Steel Line Shaft. Use 1/2-inch line shaft for light tools; 3/4 and 1-inch line shaft for heavier machines and larger motors.

9 A 2833—1/2x24 inches. Shipping weight 1 pound 15 ounces. 69c
 99 A 02834—3/4x48 inches. Shipping weight 3 pounds. \$1.00
 99 A 02830—1/2x48 inches. Shipping weight 5 pounds. \$1.25
 99 A 02835—3/4x48 inches. Shipping weight 5 pounds. \$1.69

E Oil Cup. Easily installed in place of plugs.

9 A 2820—Shipping weight 1 oz. 9c

F 1/2-inch Rigid Coupling. Often used to connect sections of line shafting.

9 A 2839—Shipping wt. 5 oz. 40c

G Line Shaft Collars. Prevent endwise "drift" of shaft.

9 A 2824—1/2-inch. Shpg. wt. 2 oz. 15c
 9 A 2825—3/4-inch. Shpg. wt. 3 oz. 20c
 9 A 2826—1-inch. Shpg. wt. 3 oz. 20c

H Flexible Coupling. Used to connect motor shaft to line shaft. Self-adjusting for slight misalignment. State whether you want 1/2, 3/4 or 1-inch size.

9 A 2840—Shpg. wt. 12 oz. 69c

J Bronze Bearing Shaft Hanger. Adjustable for perfect shaft alignment. 3/8-inch hangers should be spaced every 18 inches; 1/2-inch hangers should be spaced every 24 inches for best results.

9 A 2828—3/8-in. Shpg. wt. 1 lb. 8 oz. \$1.70
 9 A 2829—1/2-in. Shpg. wt. 1 lb. 12 oz. 1.98

K Pillow Block. Used as end support for line shaft. Long-life bronze bearing.

9 A 2716—1/2-inch. Shipping weight 1 pound 8 ounces. \$1.35
 9 A 2717—3/4-inch. Shipping weight 1 pound 8 ounces. 1.35
 9 A 2718—1-inch. Shipping weight 1 pound 8 ounces. 1.35

Now You Can Cut and Polish Gems Yourself!

- A Profitable, Practical Hobby!
- No Special Skill . . . Just 7 Easy Steps!
- Complete with 21 Accessories!



You'll find many uses for Personalized gems . . . Gifts, Displays, etc.



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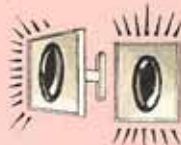
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Earrings



Rings



Cuff Links



Brooches



Tie Clips

22-piece Set
\$3250 CASH
 Without motor, motor pulley or belt
 ONLY **\$350** DOWN



The New CRAFTSMAN Gem Maker

REG. U.S. PAT. OFF.

This superb new Gem Maker is really BIG news! Gem-making is becoming a tremendously popular hobby all over America . . . and now we are offering a complete professional quality outfit at a sensational price! Even some semi-precious stones are included in this outfit! Ideal for amateurs or professionals . . . hobbyists or jewelers . . . young or old. That spare corner in your workshop, or even in your bedroom, can be turned into a fascinating place where you can spend your leisure hours creating things of beauty . . . where you can create truly personalized jewelry, gifts, etc. Work in jade, obsidian, agate, onyx, opal and other semi-precious or precious stones. You can use stones you have found yourself. Also, you can buy rough semi-precious or precious stones, and jewelry settings, at very reasonable prices.

REAL PROFESSIONAL QUALITY THROUGHOUT. Performs all operations of sawing, grinding, shaping and polishing. Made of light, strong aluminum alloy castings. All wheels run in horizontal position. Lubrication cup can be moved around the rim. Splash rim keeps liquids from splashing out. Rifle-drilled shaft provides forced lubrication to the bearing when grease cup is tightened.

EQUIPMENT INCLUDED: Complete Gem Maker; 6-in. super-charged diamond blade; 6-in. cast iron lap wheel; 6-in. silicon carbide grinding wheel; 6-in. wood scratch wheel; 6-in. silicon carbide scratch wheel; 6-in. special felt polishing wheel; 4-oz. No. 100 grinding compound; 4-oz. No. 220 grinding compound; 3-oz. polishing compound; 3 brushes for applying compounds; 6 assorted dop sticks; dop cement; assorted gems for cutting; 1/2-pt. soluble oil; instructions. Height, with cup, 11 3/4 in.

99 A 01400—Set, without motor, motor pulley or V-belt. Shpg. wt. 18 lbs. . . . \$32.50
 99 A 01974K—DUNLAP 1/4-H.P. 1750 R.P.M. split-phase motor. For 110-120-volt 60-cycle A.C. (Use 1 1/2-in. motor pulley; 32 to 48-in. V belt.) Shpg. wt. 23 lbs. \$13.95

Below, you will find extra supplies for gem making

- 9 A 1401—12-ounce package No. 100 Grinding Compound. Shpg. wt. 12 oz. . . . 59c
- 9 A 1402—12-ounce package No. 220 Grinding Compound. Shpg. wt. 12 oz. . . . 59c
- 9 A 1403—12-ounce package Polishing Compound. Shipping wt. 12 oz. . . . \$1.49
- 9 A 1404—1/2-pint Soluble Oil for sawing. Shipping weight 12 oz. . . . 35c
- 9 A 1405—6-inch Silicon Carbide Replacement Disc. Shpg. wt. 2 oz. . . . 25c
- 9 A 1406—6-inch Silicon Carbide Scratch Wheel. Shipping weight 8 oz. . . . 89c
- 9 A 1407—6x 1/2-inch Silicon Carbide Grinding Wheel. Shpg. wt. 1 lb. 4 oz. . . . 2.89
- 9 A 1408—6-inch Plain Wood Lap Wheel. Shipping weight 8 oz. . . . 29c
- 9 A 1409—6-inch Cast Iron Lap Wheel. Shipping weight 2 lbs. . . . 1.89
- 9 A 1410—6-inch Felt Polishing Wheel. Shipping weight 8 oz. . . . 1.59
- 9 A 1411—2 1/2-ounce package Dop Cement. Shipping weight 4 oz. . . . 45c
- 9 A 1412—Six assorted Dop Sticks. Shipping weight 2 oz. . . . 6 for 29c
- 9 A 1413—Three Compound Application Brushes. Shipping wt. 2 oz. . . . 3 for 35c
- 9 A 1414—Alcohol Lamp for melting dop cement. Shipping wt. 9 oz. . . . 1.00
- 9 A 1415—8-ounce package Assorted Semi-precious Stones. Shpg. wt. 8 oz. . . . 1.00
- 9 A 1416—Jade Stone. Approx. 1x1x 3/16 in. Shipping weight 2 oz. . . . 59c
- 9 A 1417—Obsidian Stone. Approx. 1x1x 3/16 in. Shipping weight 2 oz. . . . 25c
- 9 A 1420—Montana Agate Stone. Approx. 1x1x 3/16 inch. Shipping wt. 2 oz. . . . 25c

Super-charged Diamond Cutting-Wheels. 1/2-in. bore. 8, 10 and 12-inch sizes shipped from factory near Chicago. You pay postage from there on delivery. *State diameter.*
 9 A 1418—6-inch. For the Gem Maker on this page. Shipping wt. 9 oz. . . . \$9.25
 9 A 1418F—8-inch. Not for above Gem Maker. Shpg. wt. 14 oz. . . . 10.95
 9 A 1418F—10-inch. Not for above Gem Maker. Shpg. wt. 1 lb. 2 oz. . . . 14.95
 9 A 1418F—12-inch. Not for above Gem Maker. Shpg. wt. 1 lb. 10 oz. . . . 21.95

IT'S EASY! Just 7 simple steps from the rough stone to a beautiful gem



First, simply saw the stone flat on one side with diamond blade. It's very easy to do!



Smooth flat surface with cast iron lap wheel. This step is not always necessary.



Cement the stone to the round wood dop stick to permit easier handling.



Shape the top and sides of the stone on the silicon carbide grinding wheel.



Take out the deeper scratches in the shaped stone with the wood lap wheel.



Take out the remaining smaller scratches with the silicon carbide scratch wheel.



Give the gem a beautiful, gleaming professional finish with the felt polishing wheel.

Instruction Books Save You Time, Money, Work! AND You Get the Most from Your Power Tools



A Drill Press Manual. 32 pages covering more than 100 drill press operations. Describes drilling, shaping, sanding, mortising, dovetailing, routing and carving. Has more than 200 illustrations.
9 A 2921—Shpg. wt. 2 oz. . . .25c

B "The Jointer, Shaper and Thickness Planer." A complete manual of operation. Clearly describes more than 30 operations. Provides complete sharpening instructions. Strongly bound. 32 pages; over 200 illustrations.
9 A 2916—Shpg. wt. 2 oz. . . .25c

C "The Circular Saw." More than 215 illustrations; 32 pages. Describes using the bench saw, electric hand saw, swing saw, builders' and radial saws. Clearly instructs on how to make 30 wood joints.
9 A 2926—Shpg. wt. 2 oz. . . .25c

D Arc Welder Manual. Provides step-by-step instruction on how to arc weld. Describes how to mend broken equipment and construct new devices for more efficient work. Ideal for farm welders. 36 pages; 165 illustrations.
9 A 2025—Shpg. wt. 3 oz. . . .49c

E "The Jig Saw and Band Saw." Provides a detailed description for operating both types of saws; explains many short cuts! Contains 32 pages; more than 160 illustrations. Strongly paper bound.
9 A 2919—Shpg. wt. 2 oz. . . .25c

F Metal Lathe Manual. 234 pages . . . fully illustrated. Provides a sound, practical explanation of the operation of a metal lathe. Complete with convenient machinists' tables. Each section is indexed for easy reference. Order now!
9 A 2925—Shpg. wt. 11 oz. \$1.50

G "The Wood Lathe." Describes and illustrates more than 225 wood-turning lathe operations. Tells how to mount attachments; describes centering, planning, etc. 32 fully-illustrated pages. Order now!
9 A 2920—Shpg. wt. 2 oz. . . .25c

H "The Oxy-Acetylene Welder's Handbook." A complete, comprehensive oxy-acetylene welder's manual for beginners and experienced welders alike. Describes how to do welding, cutting, brazing, etc. 258 pages. Fully illustrated.
9 A 5411—Shpg. wt. 1 lb. \$3.50

J "How to Sharpen" Manual. Invaluable to all users of any type of cutting tools! Clearly demonstrates how to bring almost any cutting tool to a razor sharp edge. More than 200 views and illustrations. 32 pages.
9 A 2924—Shpg. wt. 2 oz. . . .25c

K "How to Spray Paint Like an Expert." New! Discusses every facet of paint spraying . . . from how to select a spray outfit to novelty wood finishes. Tells how to spray car, house, furniture, etc. 32 pages; 160 illustrations. Order now!
9 A 1899—Shpg. wt. 2 oz. . . .20c

SEARS EASY PAYMENT PLAN

It is possible to equip a complete power tool workshop for only a few dollars down on Sears Easy Payment Plan. You can carefully plan your shop and buy all the tools you need NOW . . . all at one time . . . and pay for the shop while you are using it. You can buy anything in this catalog on Easy Terms if your purchase totals \$20 or more. It takes only a 10% down payment with your purchase, and the balance in convenient monthly payments. See the table below for the amount of monthly payments. Any of our sales people will be glad to give you further information about Sears Easy Payment Plan.

If unpaid balance amounts to	We shall add for Easy Payments	Amount monthly is	If unpaid balance amounts to	We shall add for Easy Payments	Amount monthly is
Up to \$22.00	\$1.75	\$5.00	\$120.01 to \$130.00	\$12.00	\$10.00
\$22.01 to 24.00	2.00		130.01 to 140.00	13.00	
24.01 to 26.00	2.25		140.01 to 150.00	13.50	
26.01 to 28.00	2.50		150.01 to 160.00	14.00	
28.01 to 30.00	2.75		160.01 to 170.00	14.50	
30.01 to 33.00	3.00		170.01 to 180.00	15.50	
33.01 to 36.00	3.30		180.01 to 190.00	16.50	
36.01 to 40.00	3.60		190.01 to 200.00	17.50	
40.01 to 45.00	4.00		200.01 to 210.00	18.00	
45.01 to 50.00	4.50		210.01 to 220.00	19.00	
50.01 to 55.00	5.00	220.01 to 230.00	20.00	\$15.00	
55.01 to 60.00	5.50	230.01 to 240.00	21.00		
60.01 to 65.00	6.00	240.01 to 250.00	22.00		
65.01 to 70.00	6.50	250.01 to 260.00	23.00		
70.01 to 75.00	7.00	260.01 to 270.00	24.00		
75.01 to 80.00	7.50	270.01 to 280.00	24.50		
80.01 to 85.00	8.00	280.01 to 290.00	25.00		
85.01 to 90.00	8.50	290.01 to 300.00	26.00		
90.01 to 95.00	9.00				
95.01 to 100.00	9.50				
100.01 to 110.00	10.00			\$10.00	
110.01 to 120.00	11.00				

For balances over \$300 consult any Sears salesperson

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We reserve the right to change the price of any item in this catalog if it becomes necessary to do so . . . Furthermore, should the Federal Government or any State increase by taxes or otherwise the cost or selling price of any of the merchandise shown in this book, we reserve the right to add such taxes or other increases of cost or selling to the prices shown . . . The prices shown in this catalog are good for the continental United States only.

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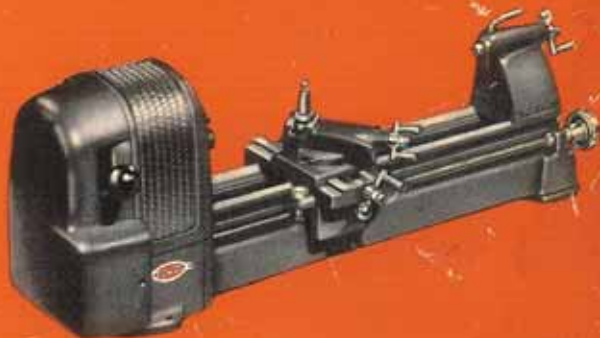
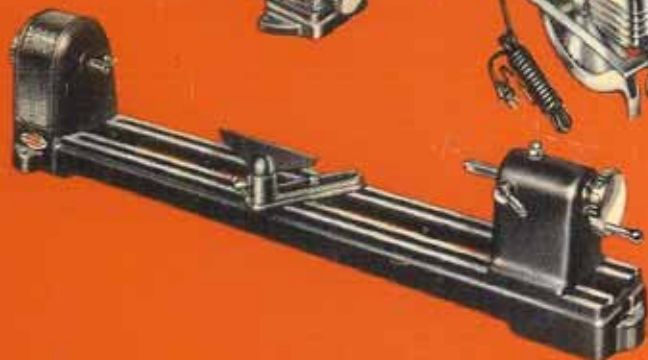
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