

CRA

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From SEARS, ROEBUCK AND CO.

CONTENTS MERCHANDISE

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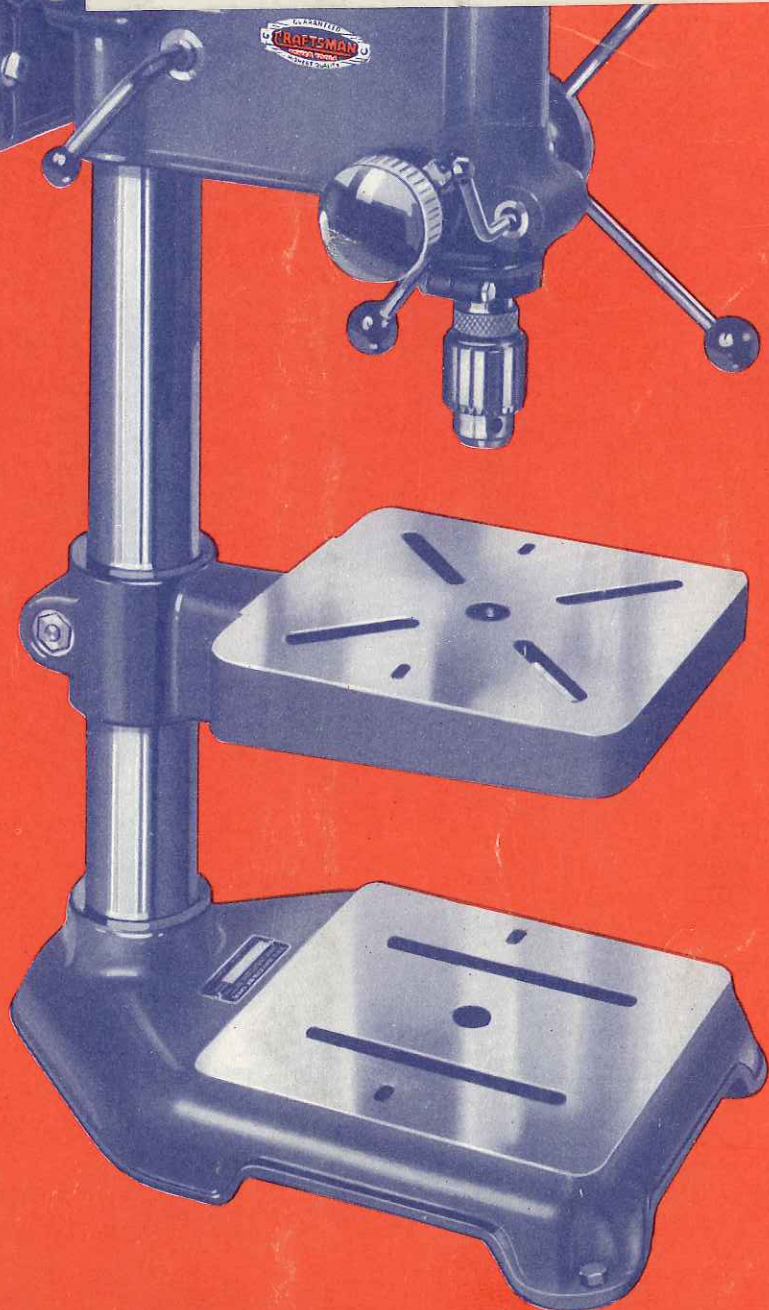
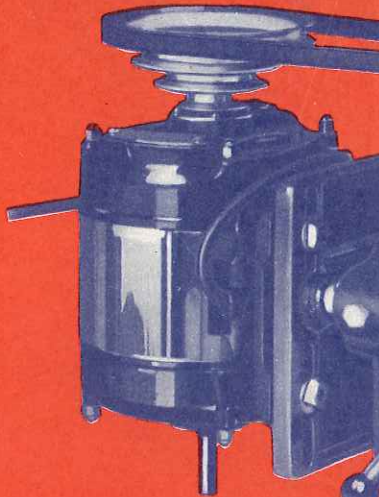
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★ 1941 ★ MODELS

INDEX

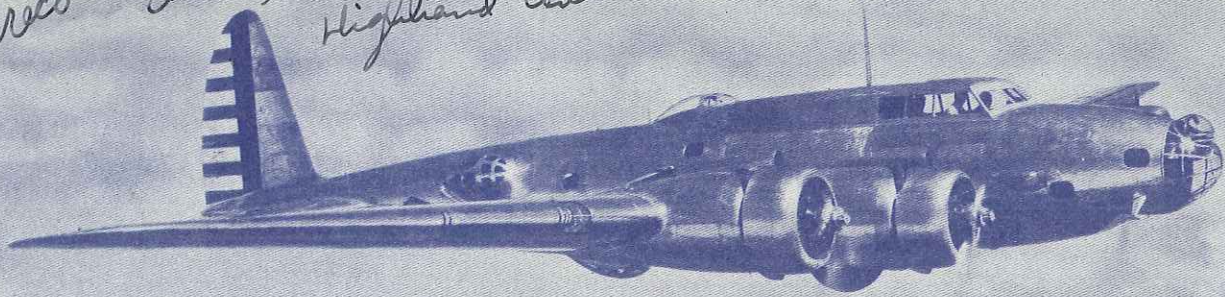
- Band Saws.....8, 9
- Bench Saws.....1-4
- Carving Machine.....10
- Circular Saws.....1-5
- Crafty.....18, 19
- Drill Presses.....30-34
- Electric Drills.....29
- Flexible Shafts.....38, 39
- Grinders.....40, 41
- Hack Saw.....28
- Jig Saws.....10-12
- Jointer-Planers.....14, 15
- Lathes.....21-27
- Motors.....42, 43
- Paint Sprayers.....48, 49
- Sanders.....16, 17
- Shapers.....13
- Welders.....36, 37

**Sears Guarantee
Complete Satisfaction**

SEARS, ROEBUCK AND CO.

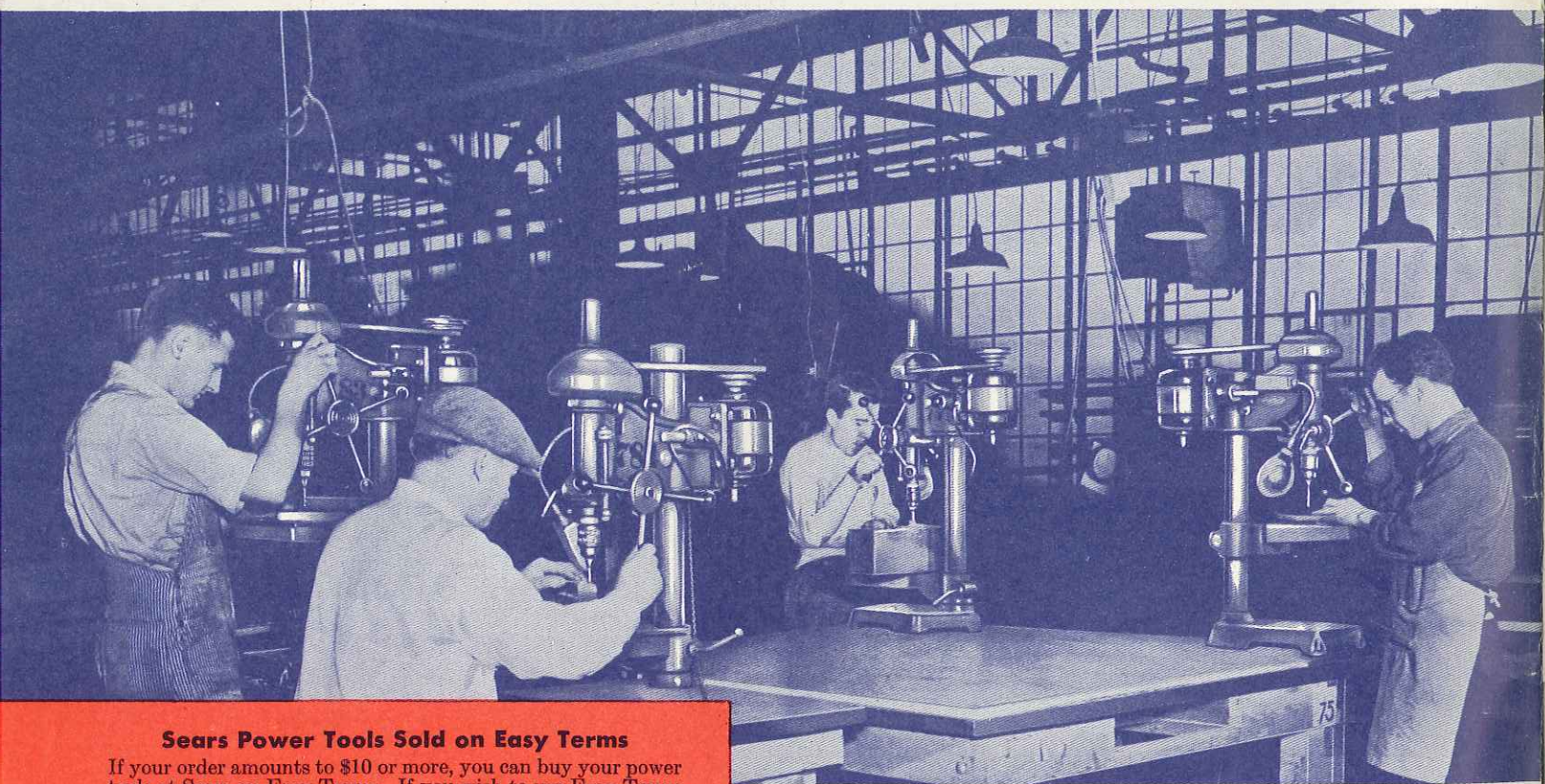
World's Most Complete Line of Power Tools

*Mr. Price at Sears
Highland Ave. Store.*



CRAFTSMAN POWER TOOLS

STEP UP PRODUCTION IN AMERICAN INDUSTRY



Sears Power Tools Sold on Easy Terms

If your order amounts to \$10 or more, you can buy your power tools at Sears on Easy Terms. If you wish to use Easy Terms at one of our retail stores, ask for information about our Easy Payment Plan. For mail orders, refer to Sears General Catalog for this information.

Repair Parts Always Available

Should you ever need repair parts for any Sears power tool you can always depend on us for speedy service. Repair parts are easy to order from Sears because every part is numbered.

Important Price Information

Should the Federal Government or any State find it necessary to increase by taxes or otherwise the cost or selling price of any merchandise in this catalog, we reserve the right to add any such taxes or other increases to the prices in this catalog.

4 EASY WAYS TO SHOP AT SEARS AND SAVE



1 Order at Home By the Mail. Pick out the tools you want from this catalog; fill out order blank; mail it with your remittance. That's all; your shopping is done. Sears guarantee satisfaction.

2 Order at Home By Telephone. Pick out the tools you want. Then call the Telephone Order Department at Sears nearest store. We'll send your order C.O.D.

3 At the Catalog Order Desks. There's one in every Sears store. Courteous clerks will assist you in filling out your order. You save letter postage and check or money order fees.

4 In Your Sears Retail Store. All the advantages of retail service! Competent sales people to serve you... over-the-counter buying... and quick home delivery.

HERE'S MORE PROOF OF CRAFTSMAN QUALITY!

In the picture above, you see a bank of CRAFTSMAN drill presses at work on aluminum and aluminum alloy parts in the Boeing Aircraft Company shops at Seattle. Drill presses for modern aircraft manufacture MUST be built to the very highest standards! Day after day, under a steady grueling grind, they must meet the most exacting demands of production jobs which require the utmost in super-accuracy, versatility, and long-life construction.

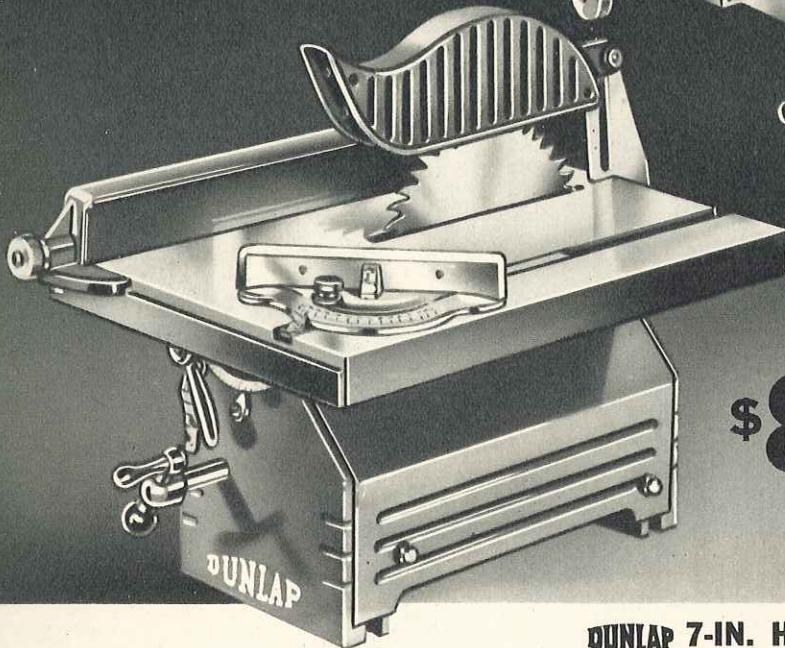
You will find Sears power tools of all types giving this same satisfactory service in factories and industrial plants all over the country. Before any Sears tools are accepted by these large organizations, they have been checked by skilled machinists and experienced purchasing agents. They must stand up under the most critical inspections of materials and workmanship to prove they will continue to perform perfectly through years of service.

This means that when you buy Sears power tools you rely not only on our guarantee and our careful factory tests—but in addition you know they have passed tests of critical technicians who were not selling the tools, but were buying them.

And even more—Sears tremendous purchasing power makes it possible for us to save you money! No wonder Sears have become the largest distributors of power tools in all the world!

DUNLAP BENCH SAWS

FAR SUPERIOR TO ANY OTHER
SAWS IN THIS PRICE RANGE



\$8⁹⁵

99 PT 02169

DUNLAP 7-IN. HEAVY DUTY SAW

- 16½x12¼-inch table raises and lowers to adjust depth of cut—fills any angle up to 45 degrees.
- Equipped with new heavier indexing miter gauge.
- Has new easy action streamlined guard.

The most popular bench saw in America—now even better than ever before! Be sure to notice the new indexing miter gauge! We know of no other bench saw in the world, selling under \$25.00, that has this important feature!

New easy action guard moves both back and up as work is pushed in—has open slot in top so operator can see cut. Massive base completely encloses mechanism. Auto-lubricating bronze bearings filter all oil supplied to saw arbor. Depth of cut easily adjusted by ball crank and gear mechanism. Gauges show depth of cut and angle of tilt. Semi-steel table is carefully ground and heavily ribbed. Removable insert for dadoing. Improved dual-control rip fence locks at both ends. Shipping weight, 50 lbs.

99 PT 02170—Without motor..... \$14.95

99 PTM 2248—As above, but with 99 PT 05620 motor on Page 42, 4-inch motor pulley, and 42-inch V-belt. Shpg. wt., 79 lbs. \$24.45

ON ORDERS OF
\$10 OR MORE
SEE INSIDE
FRONT COVER

Extension Table for Large Work

Shown at left. For 99 PT 02170 saw above. Fits perfectly, provides a larger working space. Set includes 2 steel side extensions, each 5½ inches by 16¾ inches, with all necessary support bars and fittings for attaching to machine. Will accommodate rip fence. Fits easily to saw. Total working area 23½ inches wide by 16¾ inches long. Add these extensions and you'll have a machine that can handle jobs which would ordinarily overtax the capacity of a larger saw. Shipping wt., 5 lbs.

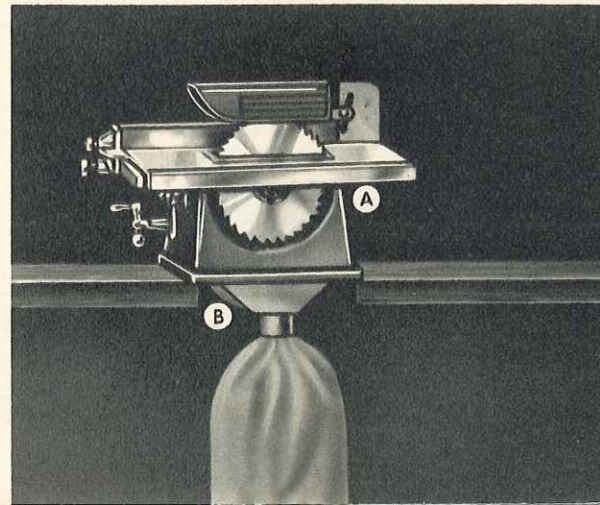
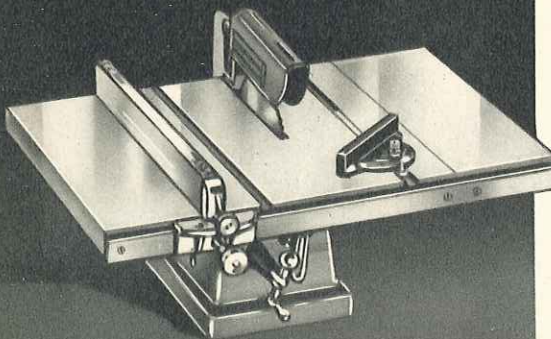
9 PT 2174..... \$4.45

Dust Collecting Outfit

Shown at right. This convenient accessory will keep your workshop clean and neat. With this outfit sawdust that would otherwise go flying about the room collects in dust bag, attached to end of chute. Set consists of dust guard (A) and sawdust chute (B) for attaching to base of the 99 PT 02170 bench saw listed and illustrated above. Shipping weight, 5 lbs.

9 PT 2246..... \$1.35

POWER TOOL... 1



\$14⁹⁵

99 PT 02170

SPECIFICATIONS

	99PT02169	99 PT02170
Over-all Height	11½ in.	14½
Over-all Width	10⅞ in.	12¼ in.
Over-all Length	16½ in.	21 in.
Blade Size	7 in.	7 in.
Depth of Cut	2¼ in.	2¼ in.
Bearings	Bronze	Bronze
Table Size	10⅞ x 14⅞ in.	12½ x 16⅞ in.
Table Size, With Extensions (Not supplied)	Extension not available	23½ x 16⅞ in.
Speed	4500 R. P. M.	4500 R. P. M.
Motor Recommended	½ or ½-H. P., 1750 R. P. M.	½ or ½-H. P., 1750 R. P. M.
Machine Pulley Supplied	2 in.	2 in.
Motor Pulley Recommended	5 in.	5 in.
Recommended Mounting	99PTM2790 metal stand	99PTM2790 metal stand
Mounting Dimensions	4¾ x 9⅞ in.	6¾ x 11⅞ in.

SPECIFICATIONS

Over-all Height	13 in.
Over-all Width	20 in.
Over-all Length	26½ in.
Blade Size	8 in.
Depth of Cut	2½ in.
Distance in Front of Blade (With Extensions)	8 in. 13½ in.
Bearings	2; Craftsman ball bearing
Table Size	15¼x18½ in.
Table Size, With Extensions (Ex- tensions not in- cluded)	26½ x 24¾ in.
Speed Recom- mended	4500 R P M.
Motor Recom- mended	99 PT 05587 or 99 PT 01970 ½ or ¾-H.P., 3450 R.P.M.
Machine Pulley Supplied	2 in.
Motor Pulley Recommended	2½ in.
Recommended Mounting	Metal stand, 99PTM2789
Mounting Dimen- sions (Center to center of holes in base)	8⅞ x 13⅞ in.

\$27⁹⁵

99 PTM 2176
Without Motor

CRAFTSMAN 8-IN. SAW

THE ONLY SAW IN THE WORLD WITH "ROLL-OVER" FENCE CONSTRUCTION

- 8-inch combination rip and crosscut blade. 0 to 2½-in. depth of cut.
- CRAFTSMAN ball bearings, packed in grease and sealed against grit.
- Table tilts any angle to 45° on tongue and groove type double trunnions.
- Automatic leveling guard with efficient spring-loaded kick-backs.

No wonder this big, rugged tool is one of the most popular bench saws we have ever sold! It has famous CRAFTSMAN quality in every detail of construction! Compare it, feature for feature, with \$40.00 saws!

The "roll-over" fence is one of the most revolutionary developments in bench saw design in recent years! See views 1 and 2 at right for a detailed explanation of its convenient operation.

Heavy, rib-braced, smoothly ground, gray iron table measures 15¼x18½ inches. Has removable insert for dadoing. Table tilting mechanism is controlled by hand wheel and self-locking screw—can be manually locked if desired. Blade is raised and lowered by feed wheel and screw mechanism. This means that blade moves only a short distance with every turn of wheel to assure greatest accuracy.

Miter gauge has indexing device with stops for important angular positions; also has stop rods for repetitive cut-offs. The automatic-leveling, double-pivot guard (see view 3 at right) costs us more than an ordinary guard, but it is far more efficient. All controls are equipped with accurate gauges—indicating depth of cut, depth of dado cut, angle of tilt of table, angle of miter gauge, and width of rip.

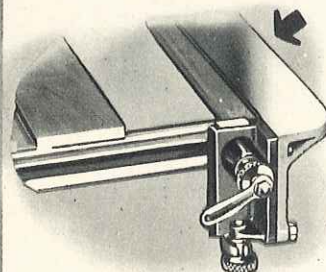
99 PTM 2176—Complete with miter gauge, "roll-over" fence, splitter and double pivot guard. Without motor. Shipping weight, 95 pounds. \$27.95
99 PTM 2177—Same as above, complete with 99PT05587 ½-H. P. motor described on Page 42, ½-in. V-belt, and 2½-in. motor pulley. Shpg. wt., 126 lbs. \$43.95

Extension Tables

For bench saw 99 PTM 2176 above. Fit perfectly and provide a solid working surface. Permits you to handle larger work! Set includes 2 front extensions of gray iron, ground and polished; 2 steel side extensions; extension to lengthen rip fence; necessary support bars, bolts and fittings. Gives a total working surface 26½x24¾ inches. Shipping wt., 31 lbs.

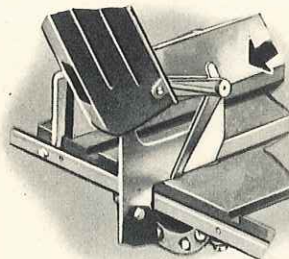
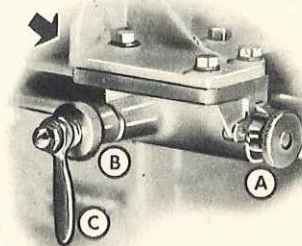
99 PT 02179. \$8.95

2 . . . SEARS-ROEBUCK



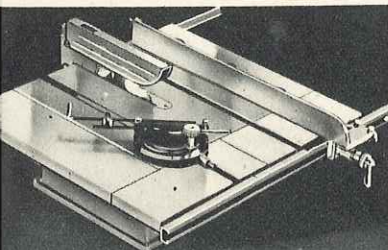
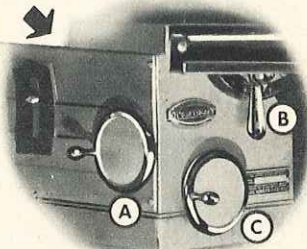
1 When the exclusive "roll-over" fence is moved to the end of the front bar, it strikes a stop and pivots down flat, level with the table surface, as shown in the view at left. This provides extra table space, and allows you to get the fence out of the way for cross cutting without removing it from machine.

2 End view of Sears revolutionary "roll-over" fence, showing (A) Built-in vernier adjustment for making fence level with the table, or for accurately setting the fence to the cut you want; (B) Positive lock on vernier adjustment to keep it set in the desired position; (C) Main lock for the entire rip fence.



3 Guard raised to show the spring-loaded kick-backs which are included as standard equipment. Double-pivot arrangement allows guard to move back and up as the work approaches the blade—operates much more smoothly than an ordinary guard! Guard can be tilted back out of the way without removing it from machine.

4 View of controls under the table, showing: (A) Tilling control for adjusting table to any desired angle; (B) Positive acting lock on the tilting mechanism; (C) Control for depth of cut. All these controls are designed for easy and accurate performance. Notice how conveniently they are grouped together!



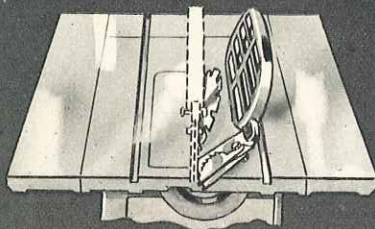
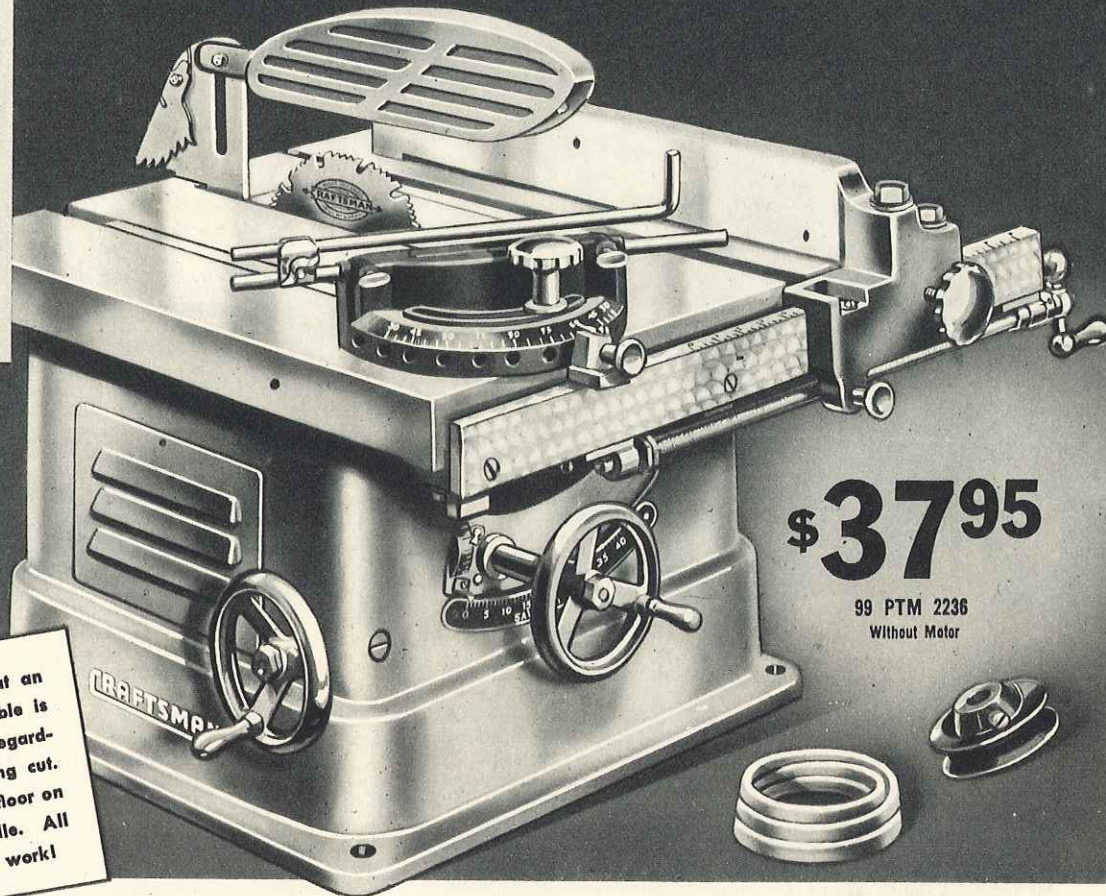
SPECIFICATIONS

	99PTM2236	99PTM2237
Over-all Height	17½ in.	19 in.
Over-all Width	25 in.	27 in.
Over-all Length:		
Without motor	27 in.	36 in.
With motor	33 in.	42 in.
Blade Size	8 in.	10 in.
Depth of Cut	2½ in.	3¼ in.
Bearings	2; ball	2; ball
Table Size	20x16 in.	27x20 in.
Table Size, With Extensions (Extensions not included)	26x28 in.	34x32 in.
Speed Recommended	4500 R.P.M.	4500 R.P.M.
Motor Recommended	½-H.P. or ¾-H.P., 3450 R.P.M.	¾-H.P. or 1-H.P., 3450 R.P.M.
Machine Pulley Supplied	2½ in.	2½ in.
Motor Pulley Supplied	3 in.	3 in.
Recommended Mounting	Metal stand 99PTM2746	Metal stand 99PTM2747
Mounting Dimensions (From center of holes in base)	14¾ x 15½ in.	16 x 15½ in.

CRAFTSMAN HEAVY DUTY

TILTING BLADE SAW

TABLE IS ALWAYS LEVEL FOR BETTER WORK!



See how easy it is to cut a board at an angle on this tilting-blade saw! Table is never tilted! Work always lies flat regardless of angle at which board is being cut. A long board, which would hit the floor on a tilting table saw, is easy to handle. All this means much faster and better work!

THE CHOICE OF PROFESSIONAL CRAFTSMEN ALL OVER AMERICA

- Saw blade (not table) tilts any angle up to 45°; raises and lowers.
- Sealed, deep-grooved, high speed precision ball bearings.

By far the finest bench saw we have ever sold! A big, rugged brute of a tool! Extra heavy duty! Meets the most rigid demands of professional craftsmen and industrial shops! You can't begin to match it within \$25.00 of Sears price!

There is no finer bench saw tilting mechanism made! Blade and arbor are carried in a heavy cradle on exceptionally massive trunnions. Motor is counter-balanced against blade and arbor for ease in operation; tilts, raises and lowers with the blade. Belt is never twisted. New motor switch bracket is provided at front of table. Angle of tilt and depth of cut are controlled by easy-acting hand wheels. Slide bolt locks raising and tilting mechanism. Accurate gauges show depth and angle of cut and width of rip.

Massive base insures utmost stability. Has built-in sawdust chute. The elevating gears are fully enclosed by 2 sheet steel sawdust guards. Heavy, ribbed table is ground to a fine finish. Rip fence is rigid, self-squaring type—has feed screw control and vernier adjustment to ¼ inch. Accurately indexed miter gauge is fitted with adjustable stop rods for repetitive cut-offs. Blade is finest CRAFTSMAN fancy tooth combination for ripping, cross cutting, and mitering. *Tilting guard, splitter, rip fence, miter gauge, V-belt and motor pulley are all included at no extra charge.* Both 8 and 10-inch saws are covered by Patent No. 2,121,069.

8-inch Saw. Without motor. With 8-inch blade. Shipping weight, 150 pounds.

99 PTM 2236 \$37.95

99 PTM 2207—As above, with ½-H.P. motor, 99PT01959 on Page 42. Shipping weight, 185 pounds.....\$53.90

10-inch Saw. Without motor. With 10-inch blade. Shipping weight, 200 pounds.

99 PTM 2237 \$49.90

99 PTM 2238—As above, with ¾-H.P. motor, 99 PT 01970 on Page 42. Shipping weight, 245 pounds.....\$72.90

9 PT 2201—Table insert for dado sawing for any of the saws on this page. 3¼x12¼ inches. Shipping weight, 8 ounces.....\$1.10

9 PT 2252—Heavy duty indexing miter gauge. Same as supplied on bench saws on this page. Fits ¾x¾-inch slot. Has stops for different angles. Shipping weight, 5 pounds.....\$2.75

Extension Tables For Large Work (Illustrated At Left)

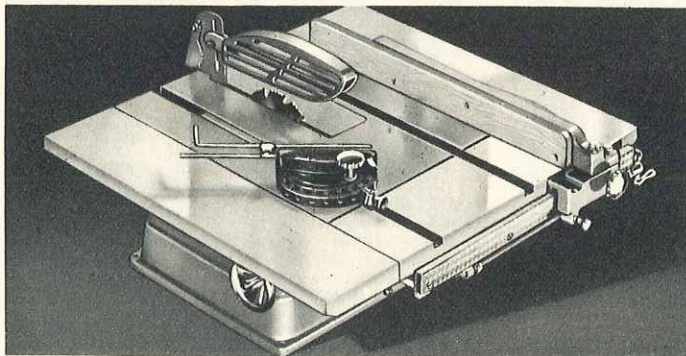
Front Extension. With all fittings and wood rip fence facing.
9 PT 2208—For 99PTM2236 Bench Saw. 6x16 in. Gives 15 inches in front of blade. Shipping weight, 14 pounds.....\$4.50

9 PT 2203—For 99PTM2237 Bench Saw. 20x5 in. Gives 17¼ inches in front of blade. Shipping weight, 14 pounds.....\$4.95

Side Extensions. For use only with front extensions above. Complete with long feed screw and graduated bar.

99 PT 02209—For 99PTM2236 Bench Saw. Each extension is 6x26 inches. Shipping weight, 37 pounds.....\$9.95

99 PT 02204—For 99PTM2237 Bench Saw. Each extension is 7x32 inches. Shipping weight, 58 pounds.....\$11.95



CRAFTSMAN FLOOR-TYPE SAW

REG. U. S. PAT. OFF.

HAS TILTING BLADE CONSTRUCTION FOR EASIER, FASTER, BETTER WORK



\$6750

Less Motor

\$8995

With Motor

- 9-inch fancy-tooth combination rip and crosscut blade gives 3-inch depth of cut.
- Saw blade (not table) tilts any angle to 45 degrees; also raises and lowers.
- Precision ball bearings, sealed against dirt.
- Tilting guard, kick-backs, splitter, table extension, rip fence and miter gauge—all included at this price.

SPECIFICATIONS

Over-all Height	42 in.
Over-all Width	35 1/4 in.
Over-all Length { Without motor { With motor	36 in. 42 1/2 in.
Blade { Diameter { Bore { Type	9 in. 3/8 in. Fancy tooth combination
Depth of Cut (Maximum)	3 in.
Blade Tilts	0 to 45°
Distance in Front of Blade (Maximum)	13 in.
Length, Rip Fence	23 in.
Rip Fence Slide Bar Graduated	0 to 17 in.
Bearings	2: ball
Table Size, With Extensions (Extensions Included)	28 x 26 in.
Speed	4500 R.P.M.
Motor Recommended	3/4 or 1-H.P., 3450 R.P.M. 99 PT 01970 or 99 PT 05605
Motor Pulley Supplied	3 in.

COMPARE IT WITH \$100.00 SAWS!

One of the most important additions ever made to the famous CRAFTSMAN line! Thousands of craftsmen have long wanted to own a big, floor-type, tilting-blade saw—but the cost has always been far too high! But now Sears purchasing power makes possible a fine-quality saw of this type at an unheard-of price!

Built to meet the most exacting demands of master craftsmen and large industrial plants! The blade tilts—which means the work always lies flat, even on angle cuts. There is no finer tilting mechanism made! Massive trunnions carry the entire tilting device. Motor is counterbalanced for ease of operation. Belt is never twisted. Angle of tilt and depth of cut are controlled by easy-acting hand wheels.

Gauges show depth and angle of cut. Table is heavy, well ribbed, and ground to a perfect finish. Front extension is ground gray iron and side extensions are heavy gauge steel. Rip fence is rigid, self-squaring type—has feed screw control with vernier adjustment which permits adjusting width of cut to 1/64-inch. Indexed miter gauge is fitted with adjustable stop rods. *Built to take a standard motor.*

- 99 PTM 2182—Without motor. Shpg. wt., 215 lbs. \$67.50
- 99 PTM 2184—As above, with 3/4-H.P. 3450 R.P.M. 110-120 volt 60-cycle A.C. condenser motor. Shpg. wt., 260 lbs. \$89.95
- 9-inch fancy tooth combination blade for above. Shpg. wt., 1 lb. 6 oz.
- 9 PT 4937—Flat ground. \$2.59; 9 PT 4939—Hollow ground. \$4.29

SPECIFICATIONS

Over-all Height	9 1/2 in.
Over-all Width	7 in.
Over-all Length	18 in.
Net Weight	18 lbs.
Blade Size	7 in.
Depth of Cut { Vertically { At 45°	2 3/8 in. 1 3/4 in.
Bearings	Precision ball on all spindles
Free Speed of Blade	3200 R.P.M.
Motor	Universal for 110-volt A.C. or D.C.
Switch	Double pole, enclosed
Guard	Automatic telescoping
Blower	Built-in; keeps saw-dust off line
Base Adjustment { For Depth of Cut { For Angle of Cut	3/4 to 2 3/8 in. 90° to 45°

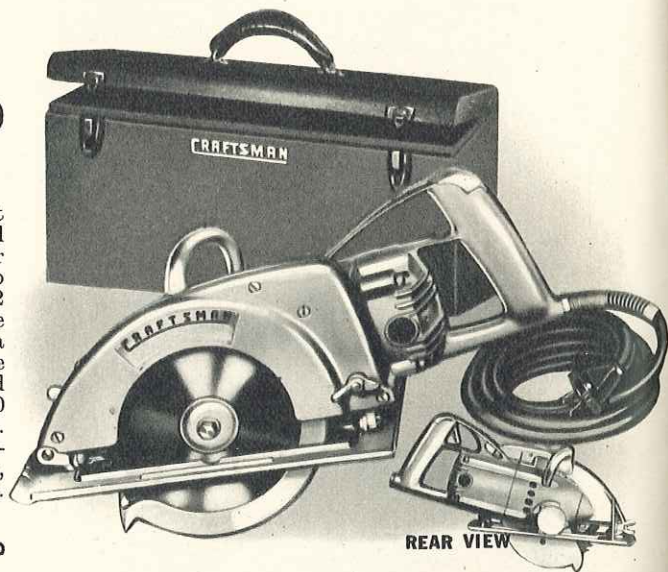
CRAFTSMAN HEAVY DUTY ELECTRIC SAW

- Cuts 10 times faster than hand sawing.
- Grease packed precision ball bearings.

\$8750

We honestly believe this saw is the finest of its type in America today! A \$120 tool in everything but price! One contractor said a saw like this saved him \$20 a day! So powerful that it will rip a 2-inch plank, 12 feet long, in 35 seconds! Finest crucible steel 7-inch combination blade. Will cut a dressed 2x4 at a 45° angle. Base adjustable for depth and angle of cut. Heat treated multiple thread worm (accurate to 2/10,000 in.) and gear. Automatic telescoping guard. Complete with 10-foot cord and unbreakable plug, socket wrench, tube of lubricant, and heavy gauge all-steel carrying case. Shipping weight, 35 pounds.

99 PT 02186 \$87.50



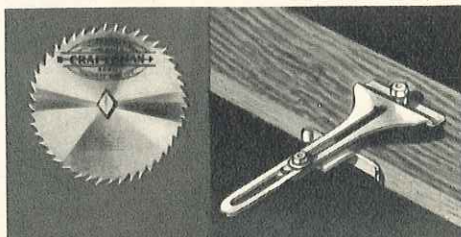
REAR VIEW

CRAFTSMAN

Circular Saw

7-inch combination saw for electric hand saw 99 PT 02186. Can be used for either ripping, crosscutting or mitering. Hand set and filed, ready to use. Shipping weight, 12 ounces.

9 PT 4935. . . . \$1.95
4 . . . SEARS-ROEBUCK



Ripping Guide

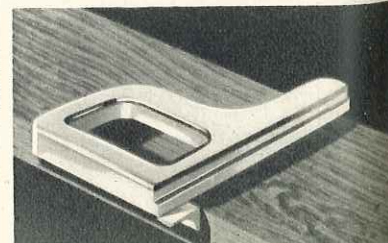
A very convenient and accurate guide for ripping lumber to a uniform width. It fastens directly on 99 PT 02186 saw. Shipping weight, 1 pound.

9 PT 2147. . . \$1.35

Crosscut Guide

Serves as a guide to help you do fast and accurate crosscutting with the electric hand saw shown above. Shipping weight, 1 pound 4 ounces.

9 PT 2149. . . \$2.45



CRAFTSMAN BUILDERS' SAW

LUMBER REMAINS STATIONARY! BLADE MOVES THROUGH! CUTTING LONG PIECES IS EASY

SPECIFICATIONS

Over-all Height	40 in.
Over-all Width	25 in.
Over-all Length	40 in.
Blade { Diameter Bore Type	8 in. ½ in. Fancy tooth combination
Depth of Cut (Maximum)	2¼ in.
Distance in Front of Blade (At miter bar.)	19 in.
Table Size	34½x22 in.
Bearings { Spindle Carriage Rollers	2 : Ball Needle
Speed Recommended	4500 R.P.M.
Motor Recommended	¾-H.P., 3450 R.P.M.
Motor Pulley Recommended	3 in.
Machine Pulley Supplied	2½ in.
Clearance, Motor to Ground	15 in.
Maximum Carriage Travel	19¼ in.
Maximum Miter Cut	45 degrees in 2x12-in. stock
Dadoing Capacity Lengthwise (guard removed—blade fixed)	Unlimited
Crosswise (with movable guard-carriage)	8 in.
Table Height	31½ in.



EXCLUSIVE AT SEARS! NO OTHER LIKE IT!

There's no other saw in the world like this great new builders' saw! You know how hard it is to do accurate cut-off work on an ordinary circular saw when you must slide long, heavy lumber into the blade. But here, at last, is a moderate-priced saw on which *the lumber remains stationary*, and you move the blade through it simply by pulling the convenient handle toward you! Will do 90% of the work done on \$200 radial type saws!

A practical contractor gave us the idea for this saw when he said he badly needed such a tool—but couldn't find it anywhere. We originally planned it for contractors and builders—but it has been developed to such a point that it is now also an ideal saw for factories, shipping rooms, home shops, or for anyone handling large lumber. It's a perfect tool for cutting and ripping of all building materials—such as joists, rafters, sub-flooring, roof boards, siding, and all finish work. Also ideal for crating and hundreds of other uses.

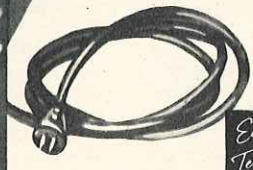
The entire unit is designed for easy portability. Legs and motor are removable for transportation. Rigid steel frame has convenient handles to make moving easy.

Depth of cut is easily adjustable, and is shown by gauge. Heavy steel table has removable insert for dadoing. The guard is removable for grooving, and adjustable in height. While the saw is particularly handy on cut-off work, the blade may be locked in either of two positions for ripping and a rip fence is provided.

Patent applied for. The board extensions, which are shown in the lower left hand view, are not included. The table is designed so such extensions may be easily added to support exceptionally long work.

99 PTM 2151—Without motor. Shipping weight, 175 pounds..... **\$38.50**

99 PTM 2157—With ¾ H.P. 3450 R.P.M. condenser motor 99PT01970 (on page 42). Shipping weight, 235 pounds..... **\$62.50**

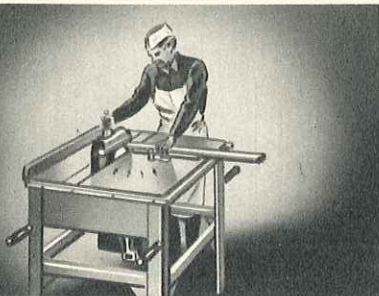


ON ORDERS OF \$10 OR MORE - SEE INSIDE FRONT COVER

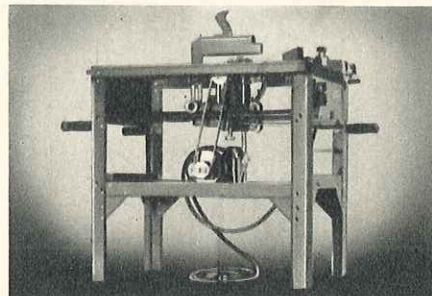
\$38.50
Less Motor

\$62.50
With Motor

- Heavy duty... designed for steady production use on the hardest jobs.
- The carriage (which carries blade, guard and motor) rolls on heavy steel tracks.
- 8-inch combination rip and crosscut blade gives up to 2¼-inch depth of cut.
- CRAFTSMAN precision ball bearings, packed in grease, sealed against dirt.
- Extra large table top—actually 34½x22 in. Table is designed so a board extension may be added for cutting off long work.
- Removable miter bar permits angle cuts from 90° to 45° in either of two positions. Calibrated in 15° steps. Vernier adjustment for other angles.
- New type guard has open front which makes cutting edge of blade visible for greater accuracy in lining up cut.
- Detachable rip fence included—locks at both ends for greater accuracy.



See how easy it is to operate this new saw! There's no pushing of long, heavy lumber into the blade on difficult crosscutting jobs. The lumber remains stationary, and you move the blade through it simply by pulling the convenient handle toward yourself. This makes it very easy to cut off joists, rafters, or any large pieces. Particularly handy for building materials, crating, etc.



The blade, guard, arbor and motor are mounted on a rugged carriage which rolls smoothly on rollers equipped with needle bearings. Rollers both above and below tracks assure permanent accuracy. All working parts are below the table—out of the way and protected against damage. Only guard and edge of blade are above the table! This means greater ease in handling lumber.

A SAW FOR ANY JOB



CRAFTSMAN and DUNLAP WORKSHOP SAWS

CRAFTSMAN. Priced 25% under usual prices. See table below. Made of nickel chrome steel. Has nickel for toughness and chrome for long edge holding qualities. Stays sharp and holds the set MUCH longer. Hardened and tempered in modern electrically controlled furnaces. Hand hammered by master sawmakers for proper tension to run true and cut straight. Strong teeth, easy to reset and file because of uniform temper. Mirror-like finish. Hand set and filed, ready for use.

Diam., In.	Gauge	Center Hole, In.	Rev. Per Minute	Shpg. Wt.		Usual Price		CRAFTSMAN	
				Lbs.	Oz.	9 PT 4925—Crosscut	9 PT 4926—Rip		
6	18	1/2 or 5/8	5000	8	8	\$2.64	\$1.89	\$1.89	
7	17	1/2 or 5/8	4750	1	13	3.15	2.19	2.19	
8	17	1/2 or 5/8	4500	1	11	3.52	2.49	2.49	
10	16	3/4 or 1	3600	1	12	4.48	3.19	3.19	
12	15	3/4 or 1	3000	2	11	5.60	3.98	3.98	

DUNLAP. Tough high carbon steel—tempered and hardened to stay sharp and hold the set. Hand hammered. Hand set and filed. Polished.

Diam., In.	Gauge	Center Hole, In.	Rev. Per Minute	Shpg. Wt.		Usual Price		DUNLAP	
				Lbs.	Oz.	9 PT 4911—Crosscut	9 PT 4913—Rip		
6	18	1/2 or 5/8	5000	8	8	\$1.19	\$1.19	\$1.19	
7	17	1/2 or 5/8	4750	1	13	1.48	1.48	1.48	
8	17	1/2 or 5/8	4500	1	11	1.68	1.68	1.68	
10	16	3/4 or 1	3600	1	12	1.95	1.95	1.95	

Saws with larger center holes available at no extra charge, but are shipped from factory in central Ohio, from where you pay shipping charges. State hole size and diameter wanted.

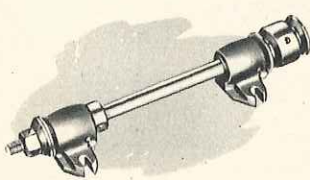
FLAT-GROUND FANCY TOOTH COMBINATION SAWS

Handiest of all circular saws. For ripping, cross-cutting, mitering in hard or soft wood. **CRAFTSMAN.** Priced at least 35% under usual prices. Nickel chrome steel. Finest steel known for circular saws. Stays sharp and holds set longer. Accurately heat treated and hardened. Hand hammered for proper tension to run true—cut straight. Expertly hand set and filed for fast, clean cuts. State hole size and diameter. **DUNLAP.** Second only to CRAFTSMAN saws! Tough high carbon tool steel, hardened and tempered for long life. Hand hammered. Teeth set and filed. State hole size and diameter. **FULTON.** Low priced saw for general use. Set and filed. State hole size and diameter.

Diam., In.	Center Hole, In.	Rev. per Minute	Shpg. Wt.	Usual Price	CRAFTSMAN 9 PT 4937	DUNLAP 9 PT 4915	FULTON 9 PT 4938
7	1/2 or 5/8	4750	13 oz.	3.15	1.98	1.55	1.19
8	1/2 or 5/8	4500	1 lb.	3.52	2.39	1.79	1.39
10	3/4 or 1	3600	1 lb. 12 oz.	4.48	2.98	2.09	.....
12	3/4 or 1	3000	2 lbs. 9 oz.	5.60	3.59	.....	.....

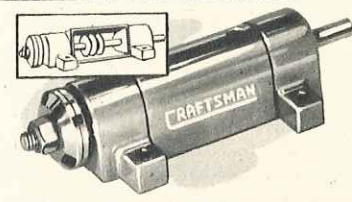
CRAFTSMAN Hollow Ground Fancy Tooth Combination Saws! Shown above at the right. Finest saw made regardless of price. Hardened and tempered nickel chrome steel. Makes smoothest cut of any circular saw—smooth enough to glue work without sanding. **New—Improved taper grinding** for greater strength—allows saw to run without set—won't bind. Inset shows how blade tapers from (1) to (2) then thickens gradually from (2) to (3). Old style blade remains thin, then thickens abruptly. Hand hammered. State diameter and hole size.

Diam., Inches	Gauge Taper	Center Hole, Inches	Shipping Weight	9 PT 4939
7	15 to 18	1/2 or 5/8	12 oz.	3.25
8	15 to 18	1/2 or 5/8	1 lb.	3.79
10	14 to 17	3/4 or 1	1 lb. 10 oz.	4.79
12	13 to 16	3/4 or 1	2 lbs. 9 oz.	5.95



Bronze Bearing Saw Mandrels

Make your own saw table. Long wearing bronze bearings. 2-inch double V pulley for flat belt, single, or multiple V belt drive. Machined steel collars. Polished and ground steel shaft. Set collar takes up end play. Oil plugs. Over-all length, 14 inches. **9 PT 4946—State size wanted.** Size 00, 5/8-inch shaft turned down to 1/2 inch at ends. Shpg. wt., 7 lbs. \$1.69. Size 0, 3/4-inch shaft turned down to 1/2 inch at ends. Shipping wt., 8 lbs. \$1.89.



Ball Bearing Saw Mandrels

Use in horizontal or vertical position as a saw table, swing saw, grinding arbor, etc. Precision ball bearings, grease sealed to protect them against dirt. Pillow blocks can be rotated to any angle and clamped. Dual drive pulley included; may be used on end of shaft or center of mandrel. Machined steel collars. Zerkl grease fittings. **9 PT 4943—State size wanted.**

Size	Shaft Size	Length	Shpg. Wt.	Price
00	1/2 inch	10 1/2 in.	9 lbs.	\$4.95
0	3/4 inch	12 1/2 in.	10 lbs.	5.75
1	1 inch	12 1/2 in.	12 lbs.	7.50

Sanding and Cutting Discs

When ordering specify 1/2-inch hole for saw shown on page 2; and 3/8-inch hole for saws shown on pages 3 and 4.

- 9 PT 2272—8-in. steel sanding disc wheel. State bore. Shpg. wt., 4 lbs. \$1.65
- 9 PT 2273—Six 8-in. sanding discs (coarse, medium, and fine) for above wheel. Shipping weight, 10 ounces. \$4.5c
- 9 PT 6470—8-in. metal cutting wheel. 3/2 in. thick. State bore. Shipping weight, 1 pound 14 ounces. \$1.10

DUNLAP 4-inch Dados

For grooving, rabbeting and tenoning with the grain or across the grain. Hardened steel.

- 9 PT 4887—2 outside saws, 6 chippers. 1/2-inch hole. Shipping weight, 15 oz. \$2.45
- 9 PT 4883—Outside dado saw only. Shipping weight, 8 oz. 69c
- 9 PT 4880—Inside chipper only. Shipping weight, 3 oz. 29c

DUNLAP 5 1/2-inch Dado Saws

- 9 PT 4888—Consists of two 3/2-in. thick outside saws; six 1/2-in. thick chippers. 1/2-inch hole. For saws on pages 2 and 4. Shipping weight, 1 lb. 8 oz. \$3.50
- 9 PT 4889—As above, but 5/8-in. hole for saws on pages 3 and 4. Shpg. wt., 1 lb. 8 oz. \$3.50
- Specify 1/2 or 5/8 in. hole on items below.
- 9 PT 4884—Outside Saw only. Specify size. (See above.) Shipping weight, 9 ounces. 98c
- 9 PT 4881—Inside Chipper only. Specify size. (See above.) Shipping weight, 3 ounces. 35c

CRAFTSMAN 6-inch Dado Saws

- Two 1/2-inch thick outside saws, one 1/2-inch chipper, two 1/2-inch chippers, one 1/2-inch chipper. Shpg. wt., 3 lbs. 8 oz. \$8.95
- 9 PT 4874—1/2-inch hole. \$8.95
- 9 PT 4875—3/4-inch hole. \$8.95
- Specify 1/2 or 3/4 in. hole on items below. Shipping weight, each, 8 ounces.
- 9 PT 4876—Outside saw. \$2.79
- 9 PT 4877—1/2-inch chipper. .69
- 9 PT 4878—1/2-inch chipper. 1.19
- 9 PT 4879—1/2-inch chipper. 1.39

Steel Machine Stand

12-gauge steel. Top and shelf adjustable. Shipped flat, very easily assembled.

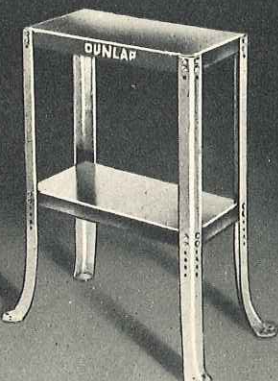
- 99 PT 02743—Top, 10x21 in. Height, 29 in. For 2-wheel or 3-wheel 12-in. band saws. Shipping weight, 32 pounds. \$4.95
- 99 PT 02744—Top, 10x21 in. Height, 31 in. For use with most other power tools except jig saw on page 12, jointer on page 15, or bench saws on pages 2 and 3. Shpg. wt., 33 lbs. \$4.95
- 99 PT 02745—Top, 10x34 inches. Height, 31 inches. For 24-inch jig saw, 6-inch jointer, and 99 PTM 2176 bench saw on Page 2. Shipping weight, 36 pounds. \$5.75
- 99 PT 02746—Top, 10x21 inches. Height, 27 in. For use with 8-in. bench saw 99 PTM 2236 on Page 3. Shipping wt., 39 lbs. \$5.75
- 99 PT 02747—Top, 19x25 inches. Height, 25 in. For use with bench saw 99 PTM 2237 on Page 3. Shipping wt., 46 lbs. \$6.50

Ball Bearing Casters For Above Stands
9 PT 2736—Set of 4 casters. Shipping weight, 1 lb. 5 oz. 89c

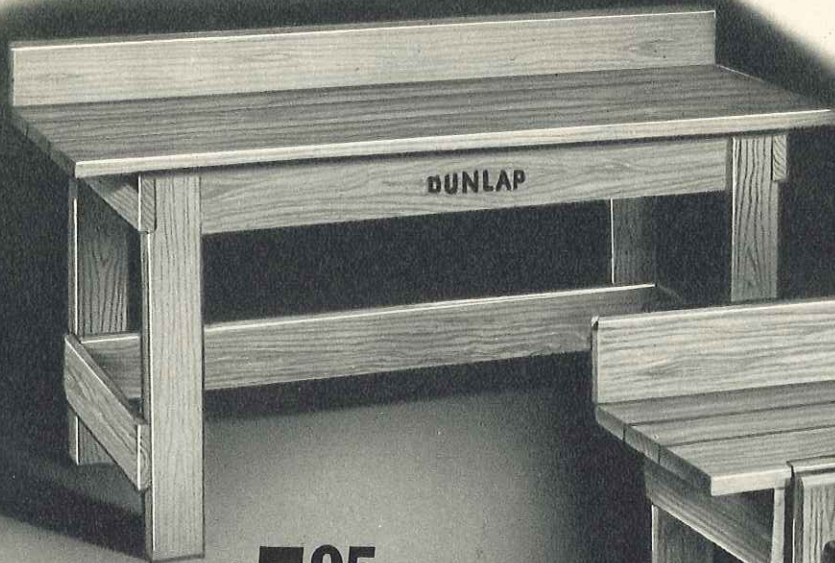
New Machine Stand

New, modern, streamlined. Specially designed for the various power tools found throughout this catalog. Note our low price for this fully enclosed stand. Rugged steel construction insures a sturdy, rigid machine stand. Comes in two heights to fit individual needs of operator. Top is 12x26 in. Front has handy snap catch door. Full instructions furnished for installing a wooden shelf if underdrive is desired. Dark blue finish. The ideal stand for your power tools, and priced way below what others would ask for one of such fine quality. Save at Sears.

- 99 PTM 2789—Height, 27 inches. Shpg. wt., 47 lbs. \$7.95
- 99 PTM 2790—Height, 31 inches. Shipping weight, 49 lbs. \$7.95



DUNLAP WORK BENCHES



\$5⁹⁵

99 PTM 2716

STANDARD UTILITY WORK BENCH

Don't be misled by this low price! Equal to benches selling at much higher prices elsewhere! Only Sears tremendous buying power makes this money-saving offer possible!

Similar to the bench at right but without the drawer and vise and with slightly lighter legs. Legs measure 1 $\frac{1}{2}$ -in. thick by 4 $\frac{1}{2}$ -in. wide. For heavier work, we recommend the heavy duty bench, but for most general work this standard bench will give perfect satisfaction.

Kiln dried lumber is used throughout—carefully milled and fitted. Top measures 26 inches by 6 feet; room for several power tools. Height to table surface, 32 inches. Over-all height, 39 inches. Top is 1 $\frac{3}{8}$ inches thick. Actual weight, 106 pounds.

Shipped unassembled to save you on assembly costs and freight. Complete with all necessary nails, and simple instructions to make assembly quick and easy. All you need is a hammer. Shipping weight, 110 pounds.

99 PTM 2716.....\$5.95

*Easy
To
Form!*
ON ORDERS OF
110 OR MORE
—SEE INSIDE
FRONT COVER



\$9⁹⁵

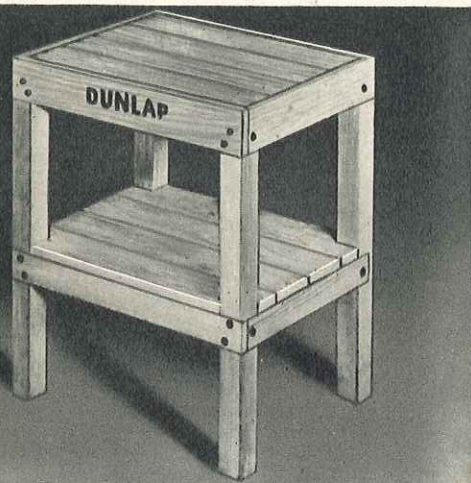
99 PTM 2721

HEAVY DUTY WORK BENCH

The most popular work bench we have ever sold—and no wonder! It's massive—rugged—sturdy! Actually weighs 134 pounds! Size of top, 26 inches by 6 feet. Height of working surface, 33 $\frac{1}{2}$ inches. Over-all height, 40 $\frac{1}{2}$ in. Top is full 1 $\frac{1}{2}$ inches thick! For power tools... for any woodworking purpose... for general repair work around the home. Power tools run more smoothly and quietly when mounted on its solid top.

Every piece of lumber is kiln dried, accurately milled and fitted. Legs are very rigidly braced. Has big, easy-sliding drawer. Complete with large capacity woodworking vise with bench screw and heavy wood handle. Shipped unassembled to save you freight. Easily assembled. All you need is a hammer—we ship bench complete, down to the last nail! Shipping weight, 135 pounds.

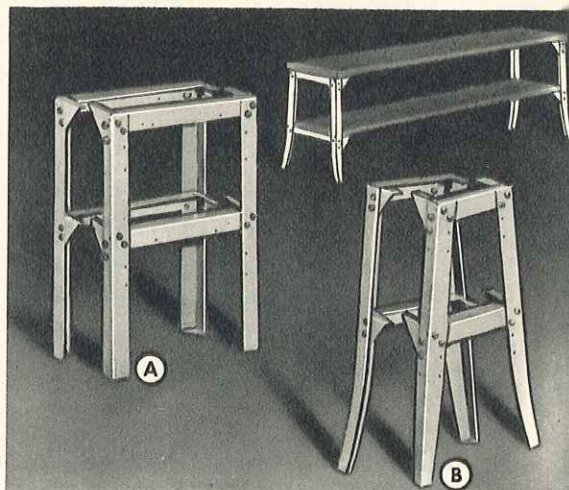
99 PTM 2721.....\$9.95



Wood Machine Stand

Sears low price makes this stand an exceptional value. Schools, woodworking, cabinet and pattern shops and home craftsmen everywhere will take advantage of this big saving. Selected long grain Douglas Fir. Every piece kiln dried, milled and fitted. Bolts and nails are used in assembly for utmost rigidity. Width, 19 inches; length, 25 in., height, 29 in. Top is 1 $\frac{1}{2}$ in. thick. Legs are 2 $\frac{1}{4}$ in. square. Apron and shelf are cut from $\frac{3}{4}$ -inch stock. Built-in lower shelf to hold motor or tools. Power tools run smoothly, quietly, on wood stand. Packed flat for shipping. Easy to assemble. Holes drilled for bolts at important points. Bolts, nails and complete simple instructions furnished for assembling included. Shipping weight, 47 lbs.

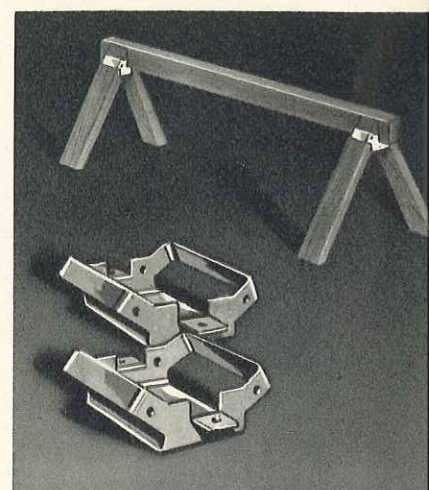
99 PT 02749.....\$2.95



Steel Work Bench Legs

Now you can build your own work bench any length that you want to by using these sturdy steel legs. It's easy to do and gives you a work bench that will stand solidly, rigidly and free of vibration—assuring best results with your power tools. The top bar is already punched for convenient attaching of boards. Legs and cross bars are punched for installing a lower shelf; furnishes a convenient storage place for tools, etc. The work bench type is most generally used for making a regular width work bench. The over-all height is 32 $\frac{1}{2}$ inches; over-all width, 20 inches. Use the lathe type legs for making a lathe bench. Over-all height, 32 inches; over-all width, 10 $\frac{1}{4}$ inches. In making the top, 1 $\frac{1}{2}$ -inch or 2-inch boards are recommended for the best results. Set includes two pairs of legs. Shipping weight, set, 25 pounds.

(A) 99 PT 02722—Set of work bench legs.....\$3.75
(B) 99 PT 02735—Set of lathe bench legs..... 3.75



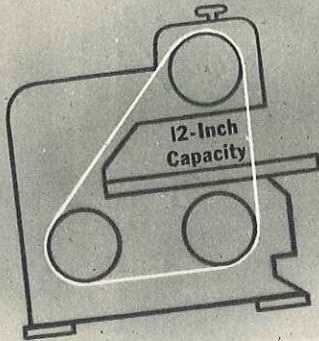
Steel Joints

New! Greatly improved! All joints are electrically welded into one solid unit for extra strength and extra rigidity. New wedge shaped design enables these joints to stand a tremendous amount of weight. The more weight applied, the tighter the frame becomes. It's the only way to build a really rigid sawhorse. Quickly dismantled. May be used again and again. Make your own sawhorses, set up tables, platforms, etc. All you need is a set of joints and lumber. No nails required. For 2x4 lumber. Shipping weight, 3 pounds.

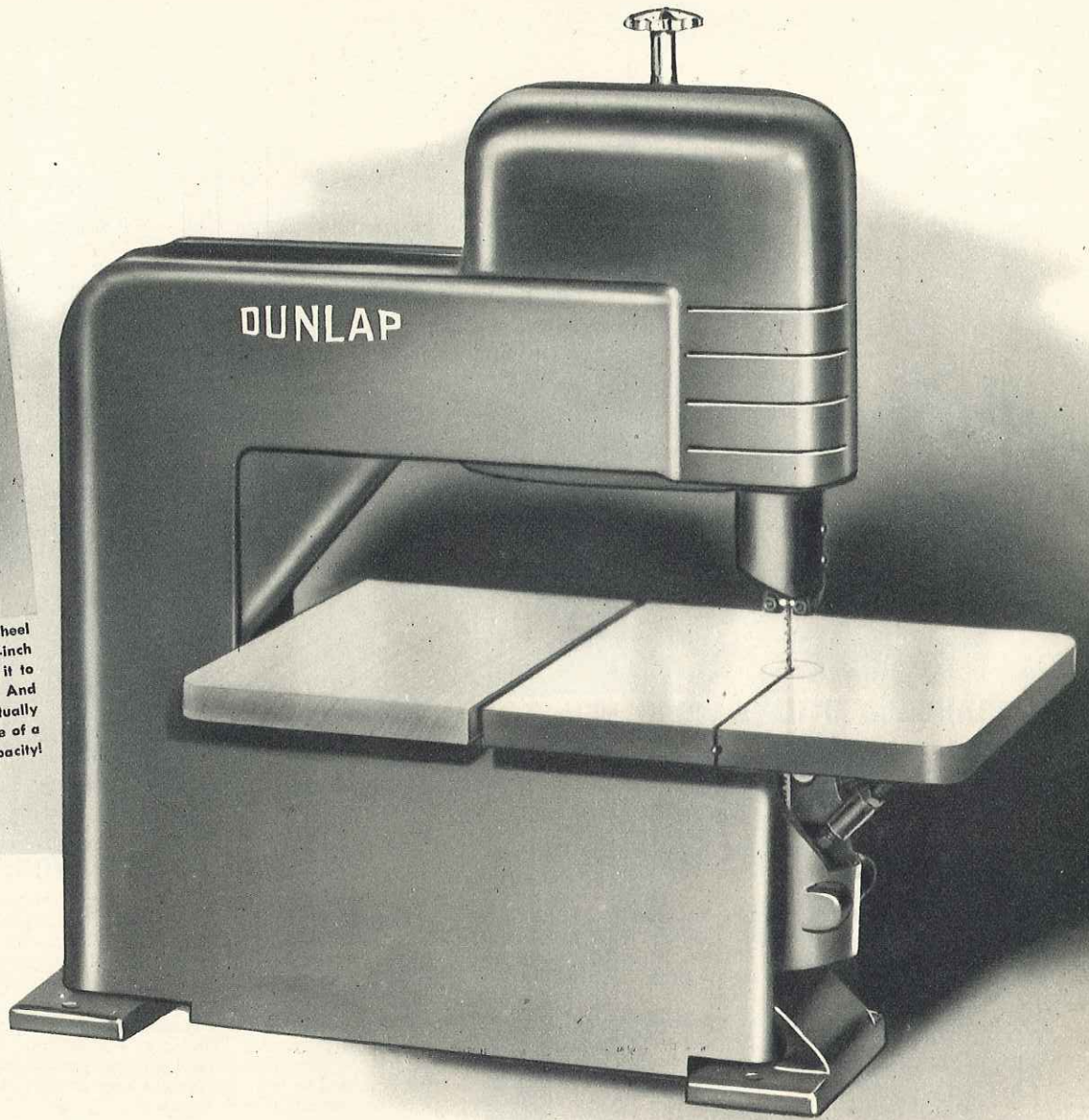
9 PT 2889—Set of 2.....\$1.00

POWER TOOL... 7

**New Type Band Saw
Greater Capacity
at Lower Cost!**



Notice how the sensational new 3-wheel construction gives this saw a full 12-inch throat on 1-inch material—permitting it to cut to the center of a 24-inch circle! And don't forget—this amazing tool actually costs less than one-half the usual price of a standard band saw with a 12-inch capacity!



DUNLAP 3-WHEEL BAND SAW \$14⁹⁵

A QUALITY TOOL WITH A FULL 12-INCH CAPACITY

- New 3-wheel design makes possible a saw with 12-in. throat at moderate cost
- Newly developed high chrome-manganese alloy steel blades last MUCH longer
- Auto-lubricated bronze bearings in wheels and guides for long life
- Entire mechanism completely enclosed. One of the safest band saws ever built
- Large 10x10-in. table tilts to any angle from 0 to 45 degrees

SPECIFICATIONS

Over-all Height	22½ in.
Over-all Depth	10 in.
Over-all Width	22¾ in.
Width of Blade	½ in.
Length of Blade	58 in.
Thickness of Blade	.012 in.
Depth of Cut	4-in. with 9½-in. throat; 1-in. with 12-in. throat
Bearings	Bronze
Size of Wheels	6¼-in. diam.
Table Size	10x10 in.
Table Size, With Wood Extension	10x17 in.
Speed	860 R.P.M.; 1400 ft. per minute
Motor	¾-H.P., 1750 R.P.M. Condenser
Machine Pulley Supplied	4-in. diam.
Motor Pulley Recommended	2-in. diam.
Recommended Mounting	Stand, 99PTM2790
Mounting Dimensions	16¾x4¾ in.

Introduced but one year ago and already acclaimed by thousands of satisfied users as the greatest improvement in band saw design in recent years.

Think of getting a saw that will cut to the center of a 24-inch circle, at this price! Only Sears exclusive new 3-wheel construction makes it possible! And even more—in order to perfect this type of saw, we've developed an amazing new high chrome-manganese steel alloy blade which will last MANY times longer than an ordinary blade! No other band saw in the world has a blade like it!

The **DUNLAP** follows the latest trend of automotive design, with its rugged gray iron frame enclosed in a streamlined casing of steel. The entire working mechanism is enclosed, making this one of the safest band saws ever placed on the market. The rubber

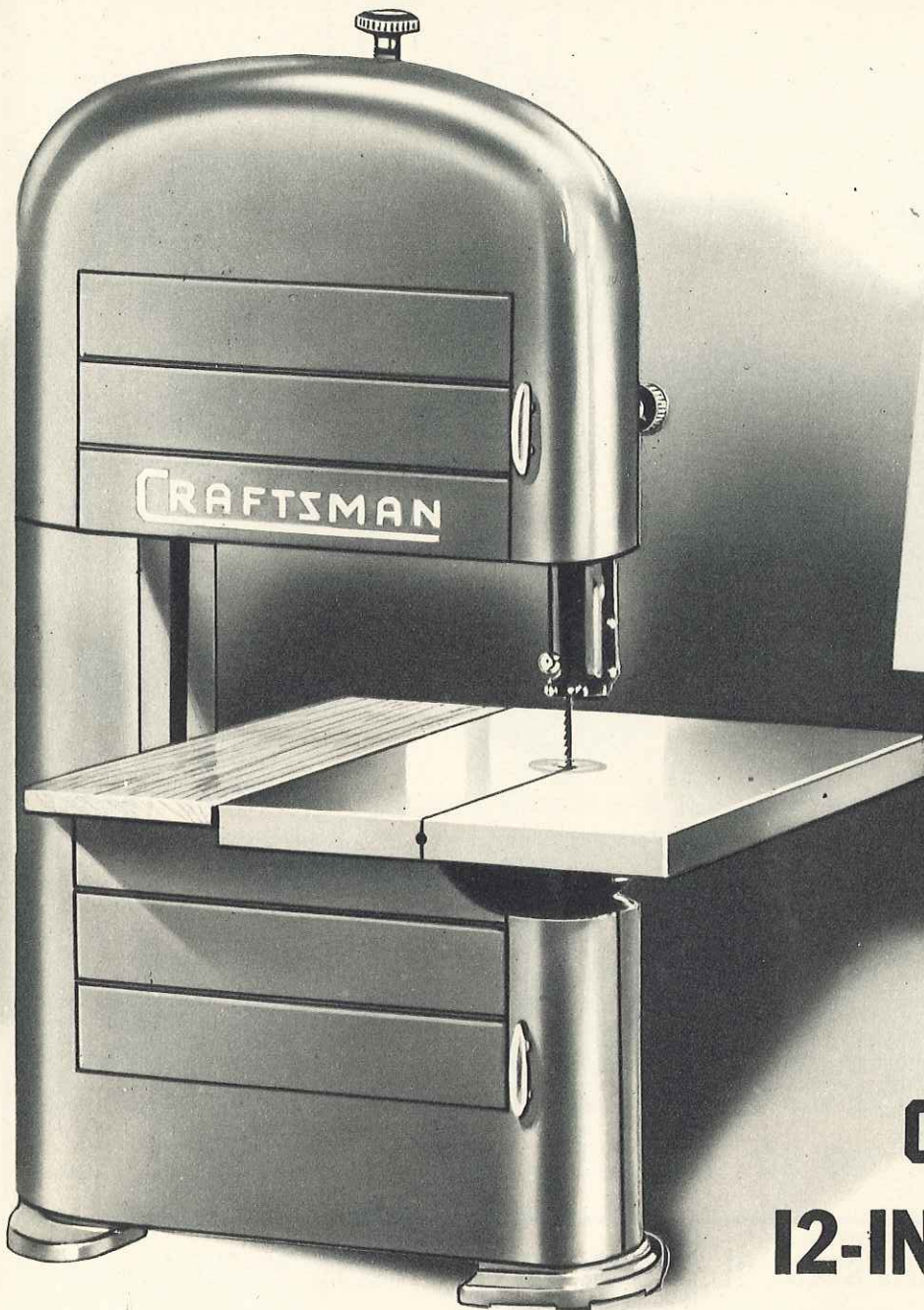
cushioned bronze bearing wheels are completely covered, and if the blade should ever break, it's inside the casing where it can't fly out and do any harm!

Notice that it has a full 4-inch depth of cut under guide. Table tilts any angle to 45 degrees. There are saw blade guides both above and below table, each with two auto-lubricating bronze guides and one thrust wheel. Upper wheel may be raised for adjustment of blade tension, and may be tilted to make blade track correctly. Patent applied for. Shpg. wt., 75 lbs.

99 PTM 2334 — DUNLAP 3-Wheel Band Saw\$14.95

9 PT 2336—Blades for above saw. New high chrome-manganese alloy. 58 in. long. Widths: ⅜, ¼, or ⅜ in. **State width.** Shpg. wt., each, 6 oz. Each.....85c

Easy Terms!
ON ORDERS OF
\$10 OR MORE
SEE INSIDE
FRONT COVER



SPECIFICATIONS

Over-all Height	35 in.
Over-all Width	23½ in.
Over-all Depth	14 in.
Width of Blade (Standard Equipment)	¼ in.
Length of Blade	80 in.
Depth of Cut	6¼ in.
Bearings	4; precision ball; (2 in each wheel)
Size of Wheels	12¼ in.
Table Size	12½x14 in.
Table Size (With wood extension)	14x18½ in.
Speed	700 R.P.M. or 1870 ft. per minute
Motor	99 PT 01955 or 99 PT 01956, ½-H.P. or ½-H.P., 1750 R.P.M. Condenser type
Machine Pulley Supplied	5-in.
Motor Pulley Recommended	2-in.
Mounting Recommended	99 PTM 2789, metal stand
Mounting Dimensions	5¾x13¼ in.

\$29⁹⁵
Less Motor

CRAFTSMAN
REG. U. S. PAT. OFF.

12-IN. BAND SAW

NO OTHER BAND SAW HAS ALL THESE FEATURES!

- Exclusive, fully enclosed mechanism. Designed for utmost safety.
- Two precision ball bearings in dustproof housings in each wheel.
- Extra heavy wheels of gray iron for the smoothest possible operation.
- Easily handles stock up to 6¼-in. thick. Cuts to center of 24-in. circle.
- Large 12½x14-inch reinforced gray iron table. Will tilt to any angle up to 45 degrees. Angle of cut is shown on accurate scale.

This fine band saw has made power tool history. With it **CRAFTSMAN** introduced new ideas in design and construction to bring more satisfaction to you. Now it has been further refined and improved. For those who prefer the conventional type of band saw **CRAFTSMAN** offers in this 12-inch machine features and operating advantages you will find in no other saw—regardless of price.

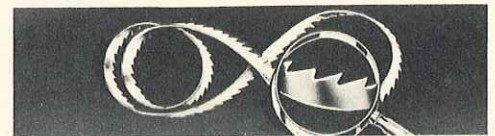
Exclusive enclosed design makes this the safest band saw ever built. All operating parts except the actual cutting edge of blade are completely covered by the sturdy steel casing. If the blade breaks—it's inside the casing where it can't do any harm. Heavy steel column and husky gray iron castings form the strongest frame possible. All portions of frame assembly are locked in perfect alignment.

The gray iron wheels have much more weight than conventional steel or die cast wheels, giving them a flywheel effect for smooth operation even on deep cuts. Saw guides, both above and below the table have oil impregnated bronze blocks and ball bearing thrust wheels. Blade guides are fully adjustable. Upper wheel may be raised and tilted. Tilting table is supported on large tongue and groove trunnion. Securely locks at any angle up to 45°.

99 PTM 2337—Without motor. Shipping weight, 104 pounds. \$29.95

99 PTM 2341—As above but with ½-H.P. motor 99 PT 01955 on Page 42. Shipping weight, 136 pounds. . . . \$41.50

99 PTM 2789—Enclosed stand for above band saw. See Page 6 for complete description. Shpg. wt., 47 lbs. \$7.95

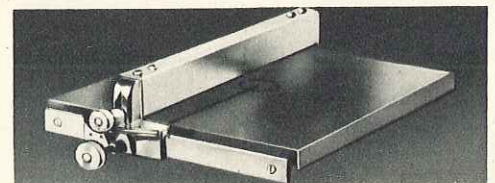


CRAFTSMAN Band Saw Blades

Finest quality saw steel. Shpg. wt., each, 7 oz. State width.

For above band saw, 99 PTM 2337. 80 in. long.
 9 PT 2623—For wood cutting, ¼, ⅜, ½ or ⅝-in. width. 89c
 9 PT 2624—For cutting brass, etc. ¼-in. width. 89c
 9 PT 2625—Hard edge for cutting steel, etc. ¼-in. width. 89c
 For our old model 99 PTM 2304 Band Saw. 78 in. long.
 9 PT 2667—For wood cutting, ¼, ⅜, ½, ¾, or 1-in. width. 89c
 9 PT 2668—For cutting brass, etc. ¼-in. width. 89c
 9 PT 2669F—Special Length Band Saw Blades. Swedish steel. Not brazed. We braze blades for 40c each. Shipped from factory at Chicago and you pay postage from there.

Width, in. ¼ ⅜ ½ ¾ 1 1¼ 1½
 Shpg. wt. 1 oz. 1 oz. 1 oz. 1 oz. 2 oz. 2 oz. 3 oz. 3 oz.
 Per foot. 9c 10c 11c 12c 14c 15c 20c 24c



Rip Fence for Above Band Saw

Locks both front and rear! Useful for straight cuts on thin pieces. Use with ½-in. blades. With all necessary fittings. 9 PT 2343—Shipping weight, 5 pounds. \$2.45

Easy Terms!
ON ORDERS OF \$10 OR MORE - SEE INSIDE FRONT COVER

POWER TOOL . . . 9

CHECK THESE DUNLAP JIG SAWS

YOU'LL FIND FEATURES YOU WOULD EXPECT
ONLY IN MUCH HIGHER PRICED TOOLS



MAGNETIC JIG SAW . . . FAST, CLEAN WORK

- 7200 strokes per minute. Self contained . . . no motor to buy!
- Safe high speed short strokes . . . Extra smooth cut . . . no sanding.

Exactly the saw for intricate sawing jobs—jobs where thin wood is used and for work that must be cut very clean. The DUNLAP is complete in itself. No motor to buy—just plug it in—that's all. The high speed, short stroke vibrating action of this DUNLAP jig saw—coupled with its freedom from belts—makes this tool unusually safe even for young craftsmen.

Will handle any stock up to $\frac{3}{4}$ -in. but is particularly recommended for light work. Will cut a right angle or a circle as small as $\frac{1}{8}$ -in. in diameter . . . leaving absolutely smooth edges that need no sanding. Stroke length can be regulated from $\frac{1}{8}$ to $\frac{1}{4}$ in. Table size, 8x8-in. Throat, 11 in. deep. The unusual low price makes the DUNLAP a great power tool value.

- 99 PT 02299—Shipping weight, 17 pounds \$6.95
- 99 PT 2690—Pkg. of 6 special saw blades. Shpg. wt., 1 oz. 15c

NEW MODERN DESIGN . . . 11-INCH THROAT!

- Balanced modified Scotch yoke action. Built-in sawdust blower.
- Cuts to center of 22-inch circle. Handles stock up to 1-in. thick.

You can't buy a finer jig saw even if you were to pay \$10! Test it . . . operate it! See for yourself how much better this DUNLAP saw is than any other jig saw selling at anywhere near this price. That's the way to compare it. You'll find the DUNLAP stands way out in front of all others in this price range.

Sturdy reinforced frame is now fully enclosed. Large ground gray iron table, 9x9-in., tilts at any angle up to 45°. Improved table tilting support carries table at two points, front and rear—makes table more rigid—sawing more accurate. Fully enclosed coil type spring eliminates blade whip for smoother operation! Husky bronze main bearing. Adjustable blade guide and hold down. Carefully balanced mechanism is fully enclosed and runs in bath of oil. For detailed specifications see table on opposite page.

- 99 PT 02265—Shipping weight, 23 pounds \$5.95

Give Your Work a Professional Touch With a CRAFTSMAN Carver

\$29.95

- Makes all kinds of complicated carvings, plaques, mouldings, etc.
- Powerful A.C., D.C. Universal ball bearing motor. Air blast keeps work clean.

Now you can do intricate carving with a professional touch—perfectly—automatically—with power. You won't fully appreciate what this machine will do until you see it operate or use it yourself.

Plaques . . . panels . . . book ends . . . furniture carvings . . . mouldings . . . drawings of ornamental designs . . . even photographs of your family and friends can be quickly, easily and accurately reproduced in wood. You will not only find wood carving a pleasant hobby but a profitable one. The money you earn through the sale of carvings will more than make up the initial cost.

Here's all you need to do: Place model to be reproduced under tracer pin on the right arm. As you trace the outlines and details, the cutter on the left arm follows the same pattern exactly. Tracer pin will move in any direction desired. The CRAFTSMAN is perfectly balanced to highest degree of accuracy.

Specifications: Handles wood up to 9x8 $\frac{1}{2}$ -in. at one setting—9x17-in. at two settings. Any length if not more than 6-in. wide. Powerful motor runs on 110-120 volt A.C., D.C. (A.C. 25 to 60 cycles)—never needs lubrication. 5-ply hardwood table, 23 $\frac{3}{4}$ x11 $\frac{1}{8}$ -in. Over-all height, 14 $\frac{1}{2}$ -in. Complete with instructions; 6-ft. cord and plug; necessary clamps, screws, etc.; 2 chuck wrenches; chuck; one $\frac{3}{16}$ -in. cutter; 2 tracer pins; model and wood to get you started carving. Patents applied for.

- 99 PT 02566—Shipping weight, 55 pounds \$29.95

CRAFTSMAN Carving Cutters

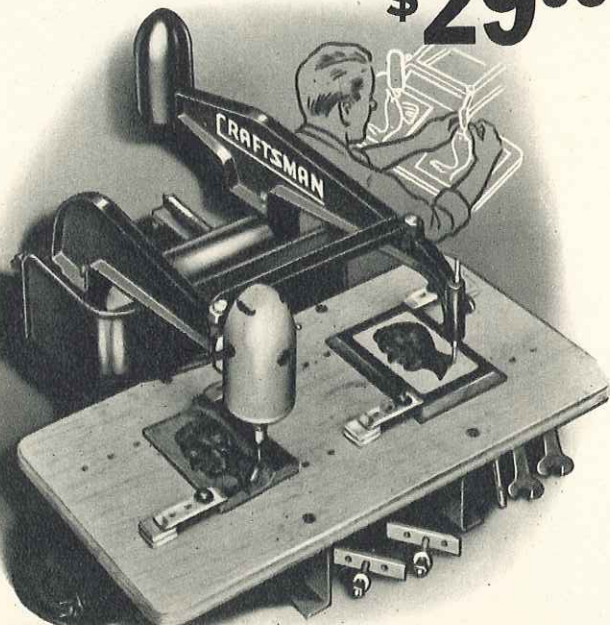
Extra cutters to be used on the CRAFTSMAN carving cutter above. High carbon steel, accurately ground and finished to retain fine cutting edge. $\frac{3}{16}$ -inch shanks to fit collet chuck. $\frac{1}{8}$ -in. size does the finest finishing work. $\frac{1}{4}$ -in. size for coarse work. Shpg. wt., each, 2 oz.

- 99 PT 2571— $\frac{1}{8}$ -inch 35c
- 99 PT 2570— $\frac{1}{4}$ -inch 35c
- 99 PT 2569— $\frac{3}{16}$ -inch 39c
- 99 PT 2568— $\frac{1}{4}$ -inch 39c

Interesting Carving Models

A few typical models for use with the carver. You'll find hundreds more in dime stores, gift shops, etc. Shipping weight, each, 8 oz.

- 99 PT 2573—State number wanted. 35c
- (1) Lincoln Head (profile) 40c
- (2) Monk's Head (front view) 40c
- (3) Floral Design 50c
- (4) Crucifix 40c
- (5) Spanish Galleon 40c
- (6) Sword Fish 55c



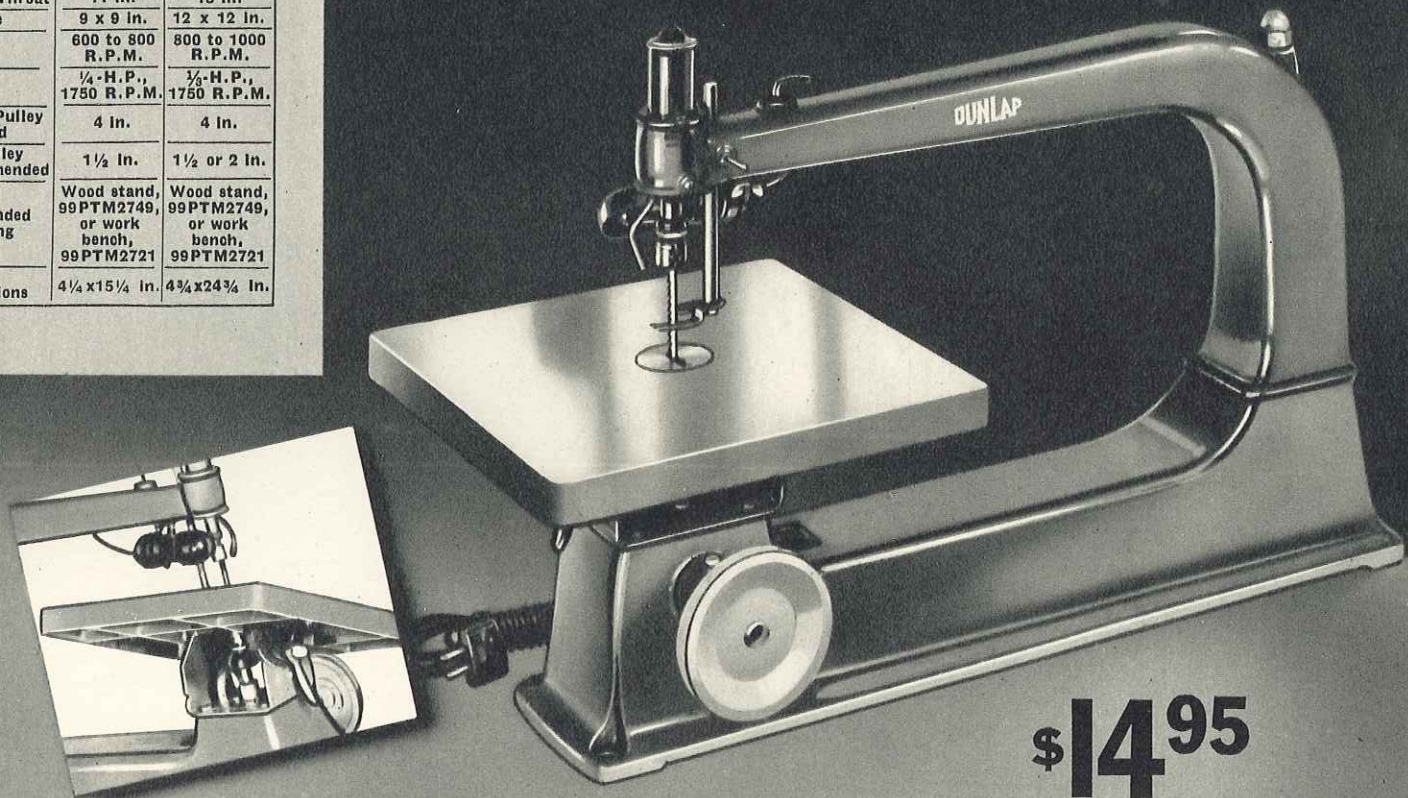
DUNLAP 18-IN. JIG SAW

CUTS TO CENTER OF 36-INCH CIRCLE

LARGE TABLE, 12x12 INCH.. BUILT-IN LIGHT

SPECIFICATIONS

	99 PT 02265	99 PT 02266
Over-all Height	14 in.	18 in.
Over-all Width	9 in.	12 in.
Over-all Length	19 in.	29½ in.
Depth of Cut (Maximum)	1 in.	1½ in.
Depth of Throat	11 in.	18 in.
Table Size	9 x 9 in.	12 x 12 in.
Speed	600 to 800 R.P.M.	800 to 1000 R.P.M.
Motor	¼-H.P., 1750 R.P.M.	½-H.P., 1750 R.P.M.
Machine Pulley Supplied	4 in.	4 in.
Motor Pulley Recommended	1½ in.	1½ or 2 in.
Recommended Mounting	Wood stand, 99PTM2749, or work bench, 99PTM2721	Wood stand, 99PTM2749, or work bench, 99PTM2721
Mounting Dimensions	4¼x15¼ in.	4¾x24¾ in.



\$14.95

NOW . . . LARGER CAPACITY . . . 18-INCH THROAT . . . CUTS TO CENTER OF 36-INCH CIRCLE

- Work light with built in switch included as standard equipment!
- New extra large ground gray iron table, 12x12 inches.
- Expensive and perfectly balanced modified Scotch yoke action for faster . . . smoother cutting . . . runs in oil bath.
- Removable upper arm . . . built-in sawdust blower.

There is no other saw selling under \$20 that can come anywhere near the DUNLAP for value . . . capacity . . . versatility . . . quiet, smooth running performance. It took years of manufacturing research plus Sears great purchasing power to make this record smashing value possible. Now here it is . . . one of the finest examples of why Sears leads the power tool field in giving you the best quality at lowest possible prices.

This DUNLAP jig saw is built strong enough for the demands of professional work yet will handle the usual run of home craft jobs easily. Scroll sawing, jig sawing, pattern making, toy building and hundreds of other similar types of work can be handled by this husky machine. And if you want to saw copper or aluminum as well as wood . . . go right ahead . . . you will never know the difference. With the proper blades any type of light metal can be handled easily.

NEW universal chuck. Built to handle all types of jig saw blades. Saber blades held extremely rigidly. By turning the chuck at right angles, long pieces may be sawed without removing upper arm.

Finely balanced crank shaft driving action, with bronze main bearing, operates in a bath of oil, just like your automobile engine. Fully sealed against dirt, etc. Upper drive rod bearings are self lubricated—no oil can get on your work. Fully enclosed coil type spring automatically adjusts blade tension—no blade whip.

Notice the weight! Extra strong frame—reinforced at all points of strain. Base extends entire length of machine to give firmer—more solid support. The expensive modified Scotch yoke action plus this great weight means much smoother and more accurate performance. Then too there is the extra adjustable guide on the hold down foot and the extra guide below the table—improves handling of work 100%. Large 12x12-in. table tilts to any angle to 45 degrees (see small view above at left), and is supported on double pivots. Double pivot mounting means better, more solid support for the table, and better work for you. May be quickly and easily locked at any angle. Scale shows angle of tilt. Shipping weight, 53 pounds.

99 PT 02266 \$14.95

CRAFTSMAN FRET SAW AND JIG SAW BLADES

Highest quality. Heat treated, tempered and hardened for long life and fast, easy cutting. 6 and 8½-in. plain end blades may be snapped off to fit any machine taking shorter plain

end blades. Saber tooth blades may be used for heavy cutting as well as saber work. At these prices it pays to have a supply of all types on hand when you need them.

Catalog Number	Thickness, Inch	Width, Inch	Blades in Pkg.	Type End	Length, Inches	Teeth per inch	Use*	Shpg. Wt.	Per Pkg.
9 PT 2692	.008	.035	8	Plain	6	22	W.V.Pd	1 oz.	19c
9 PT 2693	.010	.045	8	Plain	6	18	W.V.Pd	1 oz.	19c
9 PT 2694	.010	.055	8	Plain	6	16	W.V.Pd	1 oz.	19c
9 PT 2695	.010	.070	8	Plain	6	14	W.M.	1 oz.	19c
9 PT 2703	.020	.070	6	Plain	6	32	M.	1 oz.	19c
9 PT 2702	.014	.078	6	Plain	6	16	W.M.	1 oz.	19c
9 PT 2709	.020	.110	6	Plain	6	20	G.W.M.	1 oz.	19c
9 PT 2710	.020	.110	6	Plain	6	7	W.P.	1 oz.	19c

*W-Wood. M-Metal. P-Celain or other Plastics. V-Veneer. Pd-Plywood. G-General Purpose.

Catalog Number	Thickness, Inch	Width, Inch	Blades in Pkg.	Type End	Length, Inches	Teeth per inch	Use*	Shpg. Wt.	Per Pkg.
9 PT 2700	.020	.110	6	Plain	6	10	G.W.M.	1 oz.	15c
9 PT 2701	.020	.110	6	Plain	6	16	G.W.M.	1 oz.	15c
9 PT 2704	.020	.110	6	Pin	6	10	G.W.M.	1 oz.	15c
9 PT 2705	.020	.110	6	Pin	5	15	G.W.M.	1 oz.	15c
9 PT 2706	.020	.110	6	Plain	8½	10	G.W.M.	1 oz.	19c
9 PT 2707	.020	.110	6	Plain	8½	15	G.W.M.	1 oz.	19c
9 PT 2866	.028	¼	3	Saber	6	7	G.W.	1 oz.	19c
9 PT 2867	.028	¼	3	Saber	6	20	G.W.M.	1 oz.	19c
9 PT 2869	.028	¾	3	Saber	6	10	G.W.	1 oz.	19c

CRAFTSMAN JIG SAW

REG. U. S. PAT. OFF.

SPECIFICATIONS

Over-all Height	22 in.
Over-all Width	14 $\frac{1}{2}$ in.
Over-all Length	37 in.
Depth of Cut	2 in. (Max.)
Depth of Throat	24 in.
Bearings	Bronze
Table Size	14 x 14 in.
Table Size, With Extensions (Extensions not supplied.)	18 x 25 $\frac{1}{2}$ in.
Speeds	4: 600, 900, 1200 and 1500 R.P.M.
Motor	99PT05620 or 99PT01955 1/2-H.P. 1750 R.P.M.
Machine Pulley Supplied	4-step cone (Special)
Motor Pulley Supplied	4-step cone (Special)
Recommended Mounting	Machine stand, 99PTM2745
Mounting Dimensions	30 $\frac{3}{4}$ x 7 $\frac{3}{4}$ in.

HAS FEATURES YOU'LL FIND IN NO OTHER JIG SAW IN THE WORLD!



\$28⁹⁵

Less Motor

\$38⁴⁵

With Motor

HEAVY DUTY! FULL 24-INCH CAPACITY!

- Ball crank and screw mechanism adjusts spring tension on blade
- Tool light on upper arm floods table with light. Very helpful on close work
- Cuts to center of a 48-inch circle. Handles work up to 2 inches thick
- Extra large, 14-inch square table, mounted on TWO trunnions, front and rear

Inspect this great tool closely! We think you'll find every feature you want in a heavy duty production jig saw. It actually has features you'll find in no other jig saw at ANY price!

A marvel of smooth, easy operation on the heaviest production work! Perfectly balanced modified Scotch yoke action. Mechanism is completely enclosed—runs in bath of oil. Oil pump forces oil to top of crank case so bearings and operating parts are flooded with oil. Shaft and upper chuck spindle run in self-lubricating bronze bearings. Table tilts any angle to 45 degrees. Upper arm is removable,

or may be pivoted. Chuck jaws and roller type blade guide can be shifted to 90° to handle long work. Hold-down guide can be mounted under table for saber sawing. Universal chuck takes all types of blades. Built-in sawdust blower. Mechanically it's as close to perfection as we can make it. With 4-step drive pulley, 4-step motor pulley and belt.

99 PTM 2276—CRAFTSMAN Jig Saw, without motor. Shpg. wt., 105 lbs. . . \$28.95
99 PTM 2338—As above, with DUNLAP 1/2-H.P. ball bearing 110-120 volt, 60-cycle A.C. motor. Shipping weight, 135 pounds. \$38.45
9 PT 2332—Special lower jaw for files below. Shipping weight, 6 oz. 79c

Easy Terms!
ON ORDERS OF \$10 OR MORE
SEE INSIDE FRONT COVER

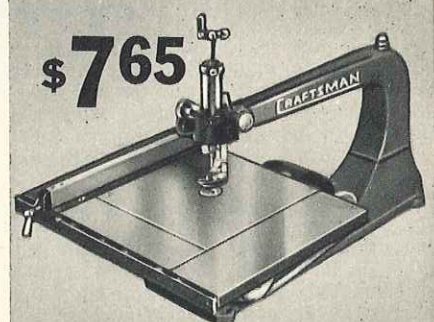


Machine Files for Jig Saw Use

A special lower jaw (listed above) can be purchased for using these files on the CRAFTSMAN Jig Saw. Eliminate tedious hand filing. These files have 1/4-inch shanks. Shipping weight, each, 1 ounce.

9 PT 2737—3 Square File. 45c 9 PT 2739—Crochet File. 45c 9 PT 2741—Square File. 45c
9 PT 2738—Round File. 45c 9 PT 2740—Pillar File. 45c 9 PT 2742—Half Round File. 45c

12 . . . SEARS-ROEBUCK



\$7⁶⁵

Table Extension Set

The table extensions increase the table size of your CRAFTSMAN 24-in. Jig Saw to 18x25 $\frac{1}{2}$ inches, and allow you to really utilize the large capacity of the tool. You'll find the rip fence very useful in handling straight cuts. Use wide blades with it.

The set consists of front extension, 14x4 in.; two side extensions, each 18x5 $\frac{3}{4}$ in.; and long rip fence, bars and necessary fittings. Front extension is gray iron, ground and finished. Side extensions are steel. Shipping weight, 14 pounds.

9 PT 2278—Complete set \$7.65

\$32.50

Less Motor

BALL-BEARING SHAPERS

WITH FIXED SPINDLE FOR HIGH SPEED OPERATION



CRAFTSMAN SHAPER

- Extra heavy duty construction throughout.
- Deep-groove precision ball bearings.
- Tapered spindle for greater versatility.

We honestly believe there is no finer bench shaper made—at any price! High speed! Extra heavy duty! Instead of adjusting the spindle height the table moves up and down, thus allowing the spindle and bearing assembly to be mounted solidly in the frame! That's why this tool will easily operate as high as 12,000 R.P.M.! These high speeds are very important in a shaper to assure smooth, fast cutting at all possible angles to the grain of the wood. The fixed spindle construction also keeps the bearings cooler, because they are backed up by a large mass of gray iron. This iron will rapidly dissipate heat which will be generated as a normal result of high speed operation.

Extra-large table (15x21 in.) is moved on a 2 3/4-in. diameter column by means of gears and raising screw. Graduated scale shows depth of cut. Table insert is removable for drum sanding. One side of fence may be moved in or out for jointing operations.

The tapered spindle, pictured above at right, is a very important development. It permits you to use a wide variety of cutters and keeps the cutter close to the upper bearing, insuring smooth, vibrationless operation. Spindle is tapered to take any of the three adapters listed below. Shaper is supplied with 1/2-inch size adapter. Adapter mounts on spindle and is locked in place by knurled collar. Guard covers motor pulley and belt; keeps out sawdust. See detailed specifications in table at far right.

Complete with 32-in. belt, 4-inch motor pulley, motor mounting and hold-downs. Less motor. Shpg. wt., 105 lbs.

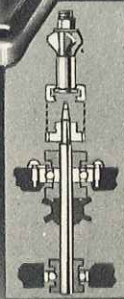
99 PTM 2309—CRAFTSMAN Shaper...\$32.50

Adapters for CRAFTSMAN Shaper. Also fit CRAFTSMAN drill presses. Not for DUNLAP shaper at right. To mount adapter on tapered spindle, the knurled collar is removed and adapter is placed on spindle. Then collar is replaced and locks adapter in place. Shipping weight, each, 6 ounces.

- 9 PT 2434—Adapter for 3/8-in. bore cutters.....\$1.25
- 9 PT 2435—Adapter for 1/2-in. bore cutters..... 85c
- 9 PT 2437—Adapter for sash cutter below.....\$1.25

Sash Cutter. To be used on the CRAFTSMAN Shaper with the adapter 9 PT 2437 above.

9 PT 2438—Shpg. wt., 4 oz.....\$1.45



Detail of Spindle on CRAFTSMAN Shaper



\$14.95

NEW DUNLAP SHAPER

- Fixed spindle design; table adjustable.
- Precision ball bearings sealed against sawdust.
- New type fence assures maximum safety.

New! Never before, in the history of the power tool industry, has there been so fine a shaper sold at anywhere near this price! Just think of it! You get a shaper with precision ball bearings and fixed spindle construction for less than \$15.00! We ordered four times as many shapers as we've ever ordered on any one model before to make this price possible!

It's an ideal tool for most craftsmen. Has rigid fixed spindle construction (described under shaper at left) for smoother, faster performance. The ball bearings used are a new type designed especially for uses like this. They are very efficient in keeping out dirt and sawdust.

Upper end of spindle is turned down to 1/2-inch to accommodate standard 1/2-inch bore cutters. Table has slot for miter gauge and tapped holes for the starting pin and hold-down studs. Fence is a new improved type—extends up over the cutter for maximum safety. May be quickly adjusted for jointing operations by a screw and nut feeding arrangement. Complete with guard and guide assembly, hold-down clips and fittings, etc. Shipping wt., 48 lbs.

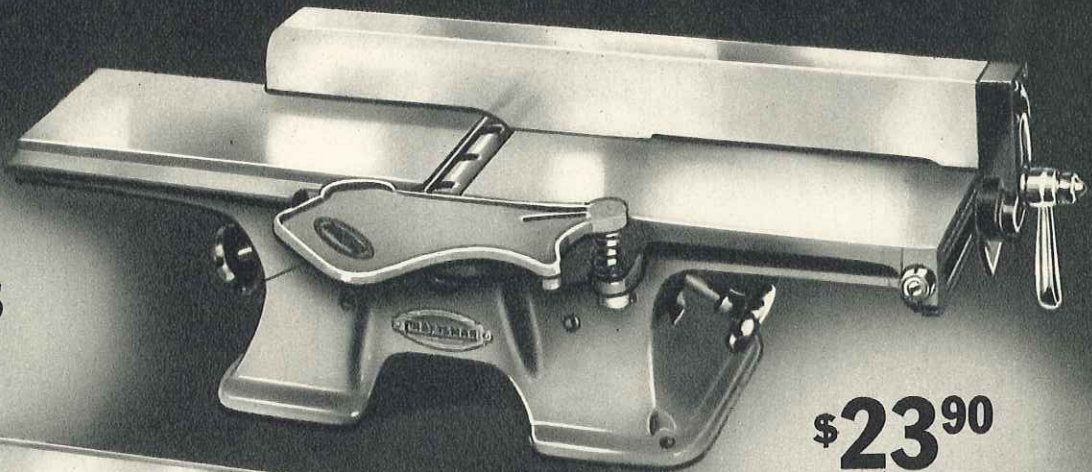
99 PT 02317—DUNLAP Shaper.....\$14.95

SPECIFICATIONS

	99PTM2309	99PT02317
Over-all Height	16 in. (Min.) 19 in. (Max.)	14 in. (Min.) 15 1/2 in. (Max.)
Over-all Width	28 in., with motor	16 1/2 in.
Over-all Depth	16 in.	13 1/2 in., less motor
Cutter Height (Maximum)	1 in.	1 in.
Cutter Bore	1/2 in. Adapters available for 3/8 in. and sash cutters.	1/2 in.
Bearings	2; ball	2; ball
Table Size	21x15 in.	15 1/2 x 10 1/2 in.
Spindle	3/4-in. diam. Modified No. 2 Morse taper	3/4-in. diam. Threaded. For 1/2 in. bore cutters
Speed Recommended	8,000 R.P.M.	8,000 R.P.M.
Motor Recommended	99PT05587 1/2-H.P., 3450 R.P.M.	99PT05587 1/2-H.P., 3450 R.P.M.
Machine Pulley Supplied	1 3/4-in.	1 1/2-in.
Motor Pulley	4-in. (Supplied)	4-in. (Not supplied)
Recommended Mounting	99PTM 2743, stand	99PTM 2743, stand
Mounting Dimensions (From center of holes in base)	10x8 3/4 in.	8 3/8 x 6 3/4 in.

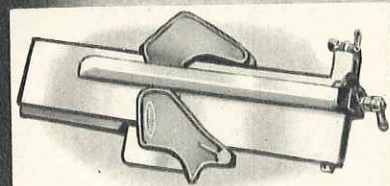
\$14⁹⁵

99 PTM 2287



\$23⁹⁰

99 PTM 2290



View of double guard construction on the **CRAFTSMAN** Jointer Planer above. Extra safe—because the cutter head is always covered, regardless of fence position.

DUNLAP BRONZE-BEARING JOINTER-PLANER

- 4¼-in. solid steel head. Balanced for smoothness at high speeds
- Tables finish-ground after assembly on base for absolute accuracy
- Extra-large auto-lubricating bronze bearings for longer life

This powerful, heavily built 4¼-in. machine is far superior to lighter tools with a similar width of cut! Check for yourself—we know of no other jointer for less than \$20 with a safety solid steel cutter head!

Tables operate on carefully machined ways. Each table is 10⅞ in. long. Over-all length, 24 in. Both front and rear tables are fully adjustable. Screw feed control for depth of cut has depth of cut scale for easy, accurate adjustment. Oversize 4¼-in. steel cutter head easily handles 4-in. lumber in the rough. 3 high carbon steel knives are locked in place with gib plates and set screws **tapped through the head itself**. Guard never need be removed even for rabbeting. Fence regulating mechanism has graduated scale to permit quick adjustments for angle cuts. Actual weight, 38 lbs.

99 PTM 2287—Shipping weight, 44 pounds..... **\$14.95**

CRAFTSMAN BALL BEARING JOINTER-PLANER

- Solid steel 4¼-inch cutter head . . . **CRAFTSMAN** ball bearings
- Extra long table surface—full 28½ inches long over all
- Two guards—one on each side of fence—for added safety

Real **CRAFTSMAN** quality throughout! Equipped with **CRAFTSMAN** precision ball bearings, packed in grease. Exceptionally strong and rigid! Tables are finish-ground after assembly on base to assure absolute accuracy of alignment—operate on carefully machined ways. Double guard construction means that cutter head is always covered, regardless of fence position. Guards need never be removed, even for rabbeting. Three high-speed steel cutters. Scale shows depth of cut. Improved fence design—position and angle adjustments operate independently of each other. Entire fence and tilting mechanism may be moved sideways across table without affecting angle.

99 PTM 2290—Without motor. Shipping weight, 51 pounds. . . . **\$23.90**

99 PTM 2293—Same as above, but with ½-H.P. ball bearing motor (99 PT 01955) on Page 42. Shipping weight, 81 pounds. . . . **\$36.50**

GET A PERFECT SURFACE ON ROUGH LUMBER

New CRAFTSMAN Planer

- Never before a thickness planer like this one
- This tool will handle all lumber up to 2x6 inches
- Precision ball bearings assure long life
- Simple and efficient hand feed construction
- Equipped with a 2½-inch solid steel head

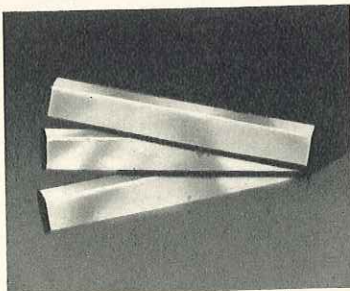
\$29⁹⁵

Thousands of craftsmen have wanted to own a thickness planer—but the cost has always been far too high! Now Sears tremendous purchasing power makes it possible to offer one at a price that has NEVER been approached before! With a thickness planer, you can salvage old material . . . finish rough sawed lumber . . . reclaim marred or painted wood . . . make flat stock out of warped boards, etc.

Will plane material up to 6 in. wide and 2 in. thick—and as small as 4 in. long and ⅛ in. thick. Very accurate—will hold a cut to a few thousandths of an inch. Heavily ribbed gray iron table and frame. Ways milled into one casting for permanent accuracy. Convenient hand wheel adjusts depth of cut; depth shown by accurate scale. Safety type solid steel cutter head with 3 high speed steel knives. Chip breaker and pressure bar completely guard the head. Automatic chip ejection.

Motor requirements vary from ⅓ to ½-H.P., depending on depth and width of cut, etc. We recommend using a 3-inch motor pulley on a 3450 R.P.M. motor to get proper speed of 4200 R.P.M. Over-all dimensions: 17 in. high; 19¼ in. long; 15½ in. wide.

99 PTM 2370—Shipping weight, 85 pounds. . . . **\$29.95**

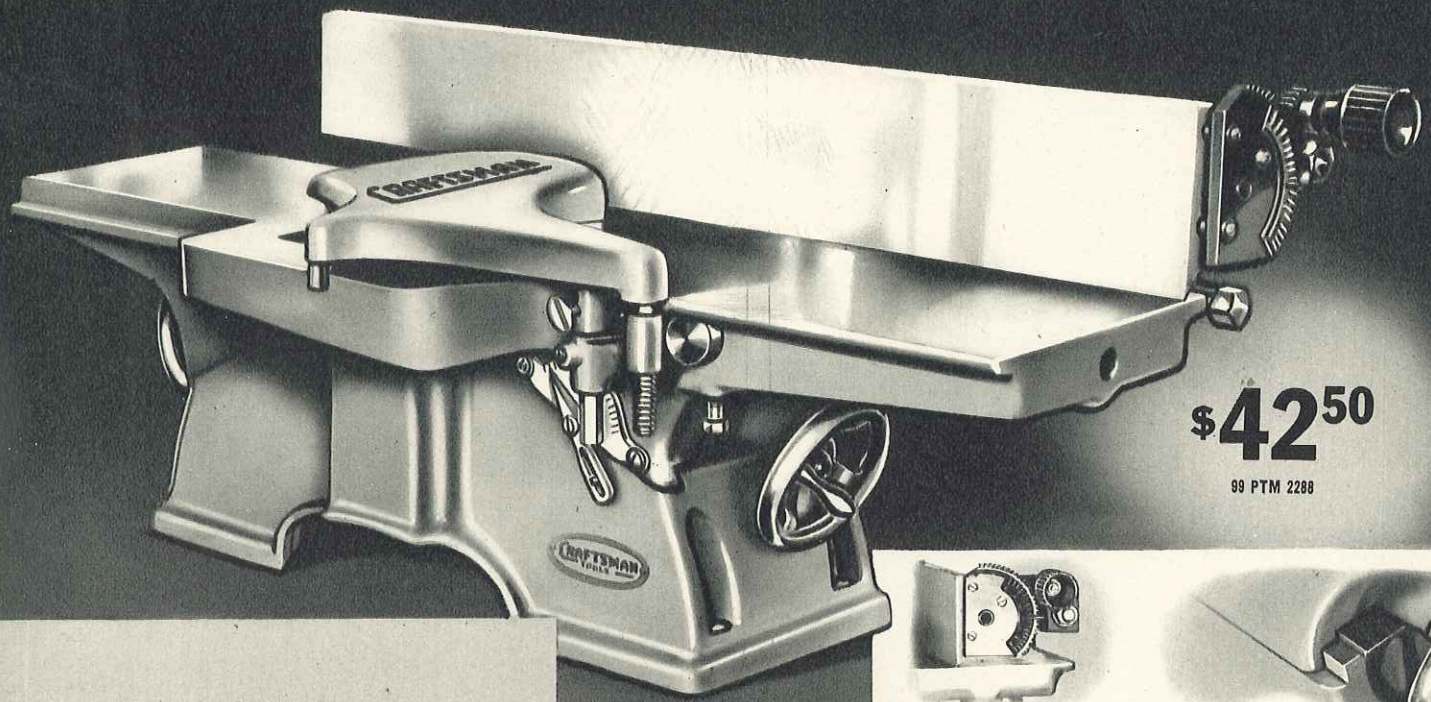


4¼-Inch Jointer Knives

These knives may be used on either of the jointer-planers on this page. Finest quality high speed tool steel properly heat treated and ground to a keen, long-lasting edge. They come in sets of three. Follow the example of the best shops—they always have an extra set of knives on hand. Shpg. wt., 7 oz.

9 PT 2291—Set. . . . **\$2.00**

14 . . . SEARS-ROEBUCK

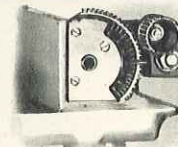


\$42⁵⁰

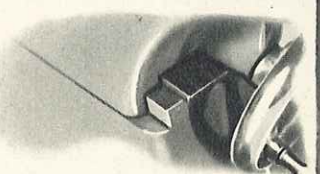
99 PTM 2288

SPECIFICATIONS

	99 PTM 2287	99 PTM 2290	99 PTM 2288
Over-all Height	8½ in.	8½ in.	13 in.
Over-all Width	9½ in.	12 in.	18 in.
Over-all Length	24¼ in.	28½ in.	37½ in.
Width of Cut	4¼ in.	4¼ in.	6 in.
Depth of Cut	¼ in.	¼ in.	½ in.
Rabbet Depth	¼ in.	¼ in.	½ in.
Bearings	2; bronze	2; ball	2; ball
Length, Front Table	10¼ in.	12 in.	17½ in.
Length, Rear Table	10¼ in.	12 in.	15½ in.
Length, Fence	17½ in.	20½ in.	28 in.
Cutter Head (Material & Knives Size)	Steel High carbon 4¼x¾x½ in.	Steel High speed 4¼x¾x½ in.	Steel High Speed 6x¾x½ in.
Speed	3600 R.P.M.	4500 R.P.M.	5000 R.P.M.
Motor Required	½ or ½-H.P. 1750 R.P.M.	½ or ½-H.P. 1750 R.P.M.	½ or ¾-H.P. 3450 R.P.M.
Machine Pulley Supplied	2 in.	2 in.	2½ in.
Motor Pulley Recommended	4 in.	5 in.	4 in.
Recommended Mounting	Metal stand, 99 PTM 2790	Metal stand, 99 PTM 2790	Metal stand, 99 PTM 2789
Mounting Dimensions	12½x5½ in.	12½x5½ in.	18½x4½ in.



This end view of the fence tilting device shows pinion and rack tilt mechanism. An accurate gauge always shows angle of tilt of the fence.



This view shows the expensive dovetailed ways. They are very carefully machined, and hold table accurately in position. Adjustable gibs are provided to take out any play for utmost accuracy.

CRAFTSMAN HEAVY DUTY . . . PRECISION BALL BEARINGS

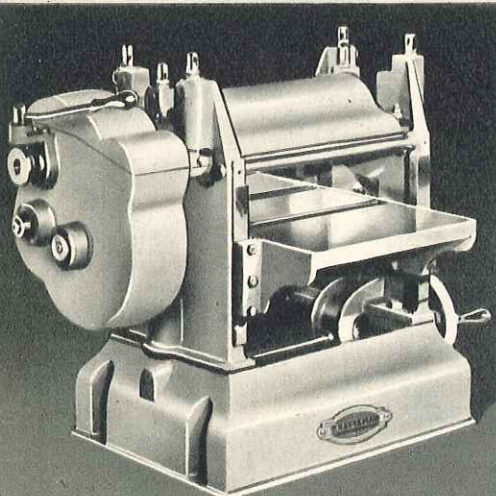
- Heavy precision ball bearings enclosed in dustproof housings for long life.
- Carefully balanced solid steel cutter head: diameter, 2½ in.; 6 in. wide.
- Equipped with 3 high speed steel knives. Maximum depth of cut, ½ inch.
- Extra long tables, 37 in. over-all; carefully ground and fitted for perfect alignment.

Here's one of the biggest, finest and most accurate power tools of its kind money can buy. Just look at the size—it's actually over 3 feet long. Built for heavy duty . . . for high speed . . . for precise, letter-perfect workmanship. Easily meets the most rigid demands of professional craftsmen and large industrial plants.

The rugged, carefully ground tables are controlled by conveniently located hand wheels and slide on dovetailed ways for permanent accuracy. Heavy duty enclosed precision ball bearings insure smoothest possible operation. Cutter head is made of solid steel, 6 inches long, 2½ inches in diameter, with knife slots ground in the shape of inverted wedges to assure accurate and positive locking of knives; approved round safety type. The geared-type tilting fence is 28 inches long and 4 inches high—can be moved as a unit across table without changing its angle. The large quick-acting guard that keeps cutter head covered need never be removed, even for rabbeting.

Protractor gauge accurately indicates depth of cut at all times. The movement of table is magnified by pointer, thus insuring accuracy. Rugged heavy gray iron frame has accurately machined dovetailed ways. If you want extra capacity, and the very finest quality and workmanship in every detail of construction—this heavy duty jointer planer is the one to buy!

WITH A CRAFTSMAN THICKNESS PLANER



CRAFTSMAN Heavy Duty Planer

\$165⁰⁰

- Handles lumber up to 4x12 inches.
- Precision grease packed ball bearings.
- Power feed construction for faster, easier operation.
- 3¼-inch diameter solid steel head.

One of the finest tools in this entire catalog! Real super quality! Built for steady day in and day out service. Not a jointer—but a thickness planer that easily handles big production jobs in shops and mills!

Will plane material up to 12 inches wide and 4 inches thick—and as small as 6 inches long and ¼ inch thick. Heavily ribbed table is fitted to main frame by machined ways. Frame is heavy, well ribbed one-piece casting. Adjustment for depth of cut made with convenient hand wheel. Scale shows depth of cut.

Gear box equipped with cut gears fully lubricated for a lifetime of service. Chip breaker and pressure bar completely guard head and feed rolls. Safety-type steel cutter head, 3 inches in diameter, is fitted with 3 high-speed knives. Feed rolls are machined from solid steel. Motor requirements vary from ¾ to 2-H.P., 1750 R.P.M., depending on depth and width of cut, kind of wood, etc. Use 6¼-inch motor pulley to get proper speed of 4000 R.P.M. Over-all dimensions: 23 inches high; 20 inches long; 31 inches wide. Shipped from factory in southern Ohio.

99 PTM 2349F—Shipping weight, 290 lbs. \$165.00

99 PTM 2288—CRAFTSMAN 6-Inch Heavy Duty Jointer-Planer complete with geared fence, high speed steel knives, pulley, motor pulley and belt. Shipping weight, 160 lbs. Without motor. **\$42.50**

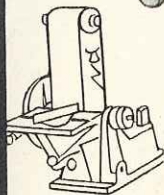
99 PTM 2295—Same as above with 99 PT 05587 ½-H.P. condenser motor listed on Page 42. Shipping weight, 195 pounds. **\$58.50**

Jointer Knives

Made of finest quality high speed tool steel. Accurately ground—hold keen edge longer. Set of 3 for jointer-planer 99 PTM 2288. Shipping weight, 4 ounces.

9 PT 2292 **\$3.00**





View of Belt In Vertical Position

On either of the two sanders on this page, the sanding table may be mounted at the end of the machine for use as a vertical sander.



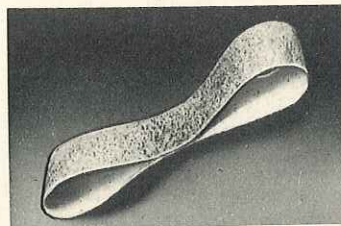
DUNLAP BELT AND DISC SANDER

- Belt sander mounts horizontally, vertically, or at any angle, for all kinds of work.
- Disc sander table tilts any angle up to 45° enabling you to sand mitered edges accurately.
- Extra long auto-lubricating bronze bearings filter oil and keep out dust and dirt.

We've carefully compared its features and construction—and honestly believe this DUNLAP sander is superior to similar tools selling for up to \$20.00 elsewhere! It takes the work out of sanding—usually one of the most tedious jobs in woodworking. Also very handy in fitting up and assembling jobs. Once you use a sander in your shop, you'll never be without one. *Practical operators say they start the sander twice as often as any other tool in the shop!*

Rugged, long-life construction throughout! 8-inch sanding disc and table may be used either on right or left of belt sander, permitting tool to be mounted on either end of bench. Disc sander and table are easily removed to clear large work on belt. The disc sander finishes curved work, end grains, etc., which cannot be reached by the belt sander alone. Quick-acting adjustments make it easy to keep belt running true between drums. Complete with miter gauge, adjustable stop guard, 8-inch abrasive disc and 4x36-inch cloth sanding belt. Shipping weight, 42 pounds.

99 PTM 2213—DUNLAP Belt and Disc Sander \$14.95



Abrasive Belts

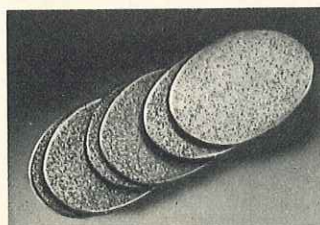
For 99 PTM 2213 DUNLAP Belt and Disc Sander above. Fine, medium or coarse. State grit wanted. Shipping weight, 4 ounces.

9 PT 2218—Garnet abrasive for wood. Each 35c
 9 PT 2215—Aluminum oxide abrasive for use on metal or wood. Each 35c

For 99PTM2235 CRAFTSMAN Belt and Disc Sander above. Fine, medium or coarse. State grit wanted. Aluminum oxide, for use on wood or metal. Shipping weight, 8 ounces.
 9 PT 2167—Each 75c



99 PTM 2235—CRAFTSMAN Belt and Disc Sander.. \$21.50



Abrasive Discs

Package of 6 assorted (fine, medium, coarse) for 99 PTM 2213 DUNLAP Belt and Disc Sander. Shpg. wt., 8 oz.

9 PT 2216—Garnet abrasive for wood. Pkg. of 6 35c
 9 PT 2217—Aluminum oxide abrasive for use on metal or wood. Pkg. of 6 39c

Package of 6 assorted fine, medium and coarse aluminum oxide sanding discs for use on 99PTM2235 CRAFTSMAN Belt and Disc Sander listed above. For use on wood or metal. Shpg. wt., 8 oz.
 9PT 2155—Package of 6 45c

\$21.50

99 PTM 2235

SPECIFICATIONS

	99 PTM 2213	99 PTM 2235
Over-all Height	10½ in.	11 in.
Over-all Width	11¼ in.	20 in.
Over-all Length	23 in.	28½ in.
Diam. of Disc	8 in.	9 in.
Size of Belt	4x36 in.	6x48 in.
Bearings	4; bronze	4; bronze
Size, Disc Sander Table	5¾ x 8½ in.	5¾ x 12 in.
Size, Belt Sander Table	4½ x 11½ in.	6½ x 17½ in.
Drum Diameter	3 in.	3 in.
Speed	1400 R.P.M.	1400 R.P.M.
Motor Required	½-H.P. or 1750 R.P.M.	½-H.P. or 1750 R.P.M.
Machine Pulley Supplied	2½ in.	2½ in.
Motor Pulley Recommended	2 in.	2 in.
Recommended Mounting	99 PT 02744, Metal Stand	99 PTM 2790, Metal Stand
Mounting Dimensions	6½ x 10½ in.	6¼ x 10½ in.

\$14.95

99 PTM 2213

CRAFTSMAN BELT AND DISC SANDER

- Extra capacity! Heavy duty construction throughout.
- Convenient new quick-change device for sander belt.
- 6-inch belt sander mounts horizontally, vertically, or at any angle for handling different jobs.
- Disc sanding table tilts any angle up to 45 degrees.
- Heavy duty auto-lubricating bronze bearings.

New! Improved! Has all the features and operating advantages of our DUNLAP sander at left! But even more, it is bigger and heavier, with many additional features and refinements! The 6-inch wide belt and the 9-inch disc provide extra capacity for the big jobs in home workshops or large industrial plants!

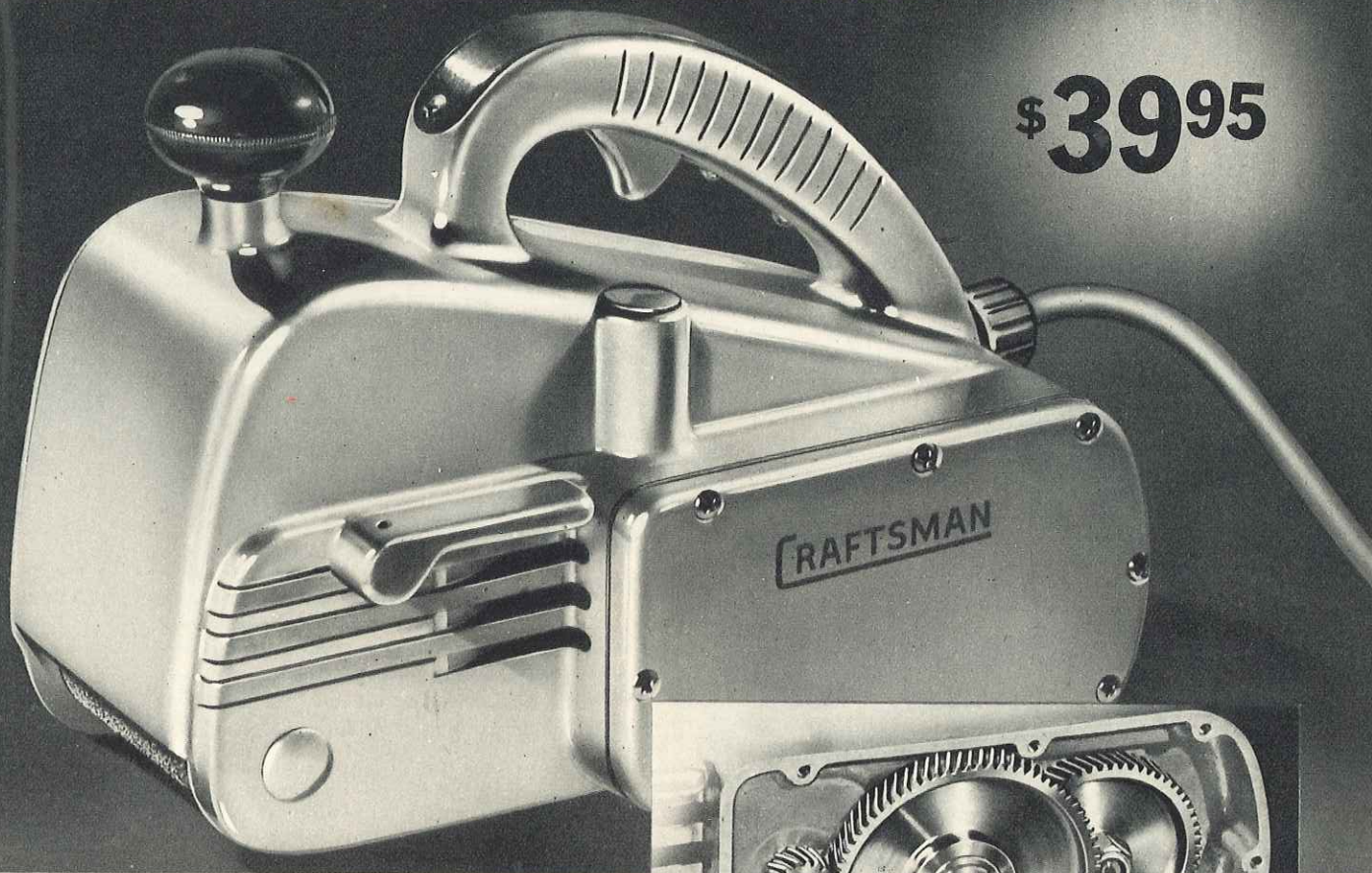
The new quick change device pulls in the rear drum by simply operating a lever. This makes it easy to change from fine to coarse belts. The operation of the quick change lever does not disturb the adjustment for tracking of the belt.

The belt sander table is full 6½x17½ inches, providing ample support for larger pieces. One sanding belt roller is rubber covered and may be used like a drum sander. The extra-long auto-lubricating bronze bearings filter the oil and keep out dust and dirt. The disc sanding table has a miter gauge, and tilts any angle up to 45 degrees. This makes it possible to sand mitered edges easily and accurately.

The sanding disc and table can easily be removed to clear long work on belt. Disc table is provided with vernier adjustment and sturdy supports. Quick-acting belt adjustments make belt run true between drums. Complete with miter gauge, adjustable stop guard, 9-inch abrasive disc and 6x48-inch cloth sanding belt. Shipping weight, 63 pounds.

NEW! CRAFTSMAN PORTABLE SANDER

\$39⁹⁵



NO OTHER SANDER IN THE WORLD LIKE IT

- Exclusive new 3-drum construction for greatest efficiency.
- Latest type heavy duty universal motor with Formex insulation.
- Scientific streamlined design . . . light weight . . . easy to handle.

There has long been a great demand for a really fine portable sander at a reasonable price! And here it is at last! Sears' tremendous resources, as the largest distributors of power tools in the world, have made possible the development of a completely new, portable sander at a price that places it within the reach of the average craftsman! Not a small tool but a big sturdy full size 3-inch sander. We honestly believe you can't match it under \$75.00!

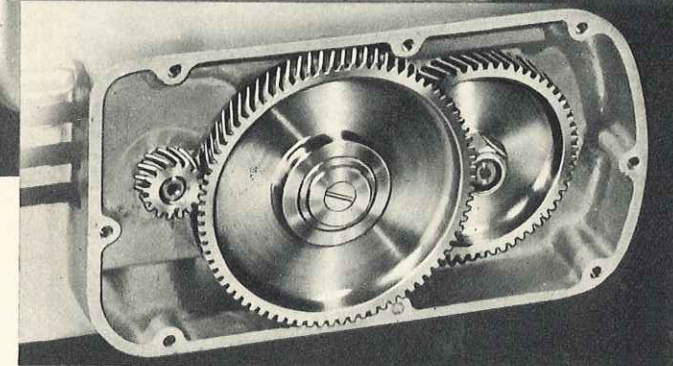
It's amazing how fast it will bring out a new, clean, smooth surface! An ideal tool for craftsmen, cabinet shops, maintenance departments, pattern shops, boat building, manual training departments, etc. Not just a new model—but an entirely new idea in portable sander construction. Instead of the conventional two-drum design, this sander has three drums with the motor in the center completely enclosed in the housing. This means that the motor shaft is parallel to the drum shafts—and this permits a simple direct gear reduction from motor shaft to drive shaft. The net result is a complete elimination of right angle drives of any kind together with a longer belt that will give you greater belt life. The use of a strong die cast aluminum frame permits a lighter weight unit for ease in handling. It's perfectly balanced! Designed for minimum clearance on one side and front to get into the tight places and close to walls. Safety-switch will not lock—must be kept closed by operator's finger to operate tool. This prevents the machine from running off accidentally and falling off table when it is plugged in.

Has a very convenient quick-change belt release lever on the outside of housing. Flip it, and belt is loose—ready to be removed. Put in the new belt, flip it again—and you're all ready to go to work!

Powerful universal motor is equipped with ball bearings on armature shaft. New patented fan assures cool running operation. Drums are equipped with dust-protected auto lubricating bronze bearings. These have extra-large oil reservoirs. Powerful fan gives forced draft ventilation to keep motor cool. Belt travels over metal shoe to keep it in even contact with work its entire length. Motor operates on 110-120 volt A.C. or D.C., 25 to 60 cycles. Available December 10, 1940.

99 PT 02230—Shipping weight 22 pounds. \$39.95

9 PT 2231—3x27-in. aluminum oxide sanding belts for the above sander. Fine, medium or coarse. State grit. Shpg. wt., 4 oz. Each. 25c



In the view above, you see the spiral cut steel gears in the CRAFTSMAN. Notice how Sears' exclusive triple-drum construction makes possible a direct gear reduction from the motor shaft to the drive shaft. There is no right-angle drive to make necessary a complicated arrangement of worm or bevel gears.



Notice how easy it is to handle the CRAFTSMAN Portable Sander. Its light weight, streamlined design and perfect balance all contribute to its ease of handling.



Boat builders, carpenters, painters, etc., will find many, many uses for this handy portable sander in their work. It will pay for itself many times over in savings of time and labor alone.

SPECIFICATIONS

Over-all Height	8 in.
Over-all Width	5 in.
Over-all Length	11¼ in.
Net Weight	14 lbs.
Belt Size Width Length	3 in. 27 in.
Motor	Universal for 110-volt A.C. or D.C. 25 to 60 cycles
Bearings {Motor Drums	Precision ball Auto lubricated bronze
Free Speed of Belt	1200 ft. per minute
Switch	Safety trigger type; non-locking
Belt Release	Quick change; cam operated
Gears	Spiral cut steel
Length of Cord	20 ft.

CRAFTY ROTARY ELECTRIC TOOL

50% MORE POWER THAN
MUCH HIGHER PRICED TOOLS



Tool and die makers will find this tool unequalled for grinding dies, etc.



Wood carving is done easier, faster and better with this versatile tool.



Use it on all kinds of materials, including metals, wood, glass, plastics, etc.



\$14.95
Complete

CRAFTY DELUXE ROTARY TOOL

- Does drilling, grinding, carving, polishing, engraving, sawing, cutting, routing, etc. It's truly the tool of a thousand uses!
- Exclusive built-in condenser reduces radio interference to a minimum.
- Equipped with a removable pistol grip for ease in handling.
- Has deluxe fitting throughout... Comes with 35 handy accessories.

You can't buy a rotary tool like the Deluxe CRAFTY elsewhere—no matter what you pay! It has all the fine features which have made our standard CRAFTY at left so tremendously popular—and in addition, it has many extra exclusive features, refinements of design, and added accessories! We've sold thousands of these outfits for \$16.95!

Has hundreds and hundreds of uses... in every shop... in every tool room... in every line of industry. Has a finger rest over chuck to help operator control tool more exactly... accurately machined chuck with collet insert insures fine alignment and solid locking of accessories... Handy gauge may be fitted on nose of tool to act as ripping guide.

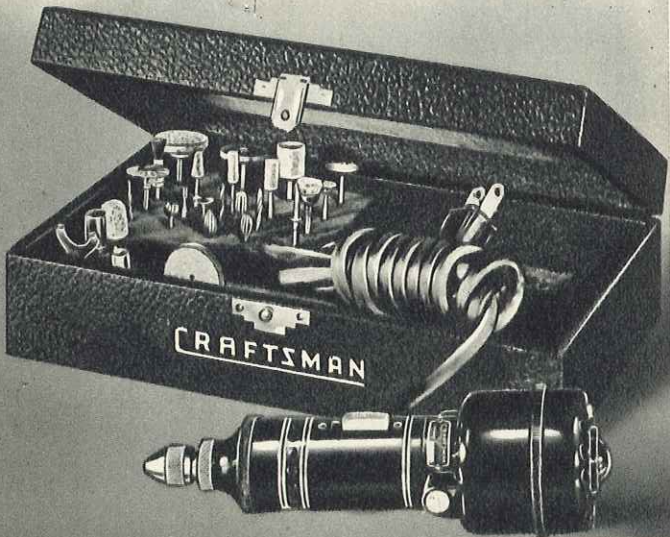
The large assortment of 35 accessories assures great versatility. The set includes all the accessories shown in the bottom strips on these two pages (except the 3 shaping cutters and felt buffing wheel) 2 chuck wrenches, collet chuck, socket wrench, emery wheel dresser, set of replacement brushes, cord and plug, and box. Shipping weight, 3 pounds 4 ounces.

9 PT 2652—Complete with accessories..... \$14.95

9 PT 2842—Pistol grip assembly only. For any model of the CRAFTY, except the new Super CRAFTY on opposite page. Shipping weight, 8 ounces..... 69c

9 PT 2843—Gauge and rip guide only. For any model of CRAFTY which has finger rest. Shpg. wt., 4 oz..... 29c

ON ORDERS OF
1.00 OR MORE
SEE INSIDE
FRONT COVER



STANDARD CRAFTY REDUCED \$2.00

\$12.95
Complete

- Condenser reduces radio interference.
- 50% more power than others—turns 18,000 R.P.M.

When we first introduced the CRAFTY, the results were amazing! We sold thousands at \$14.95! And now this model is far superior to the one we originally offered—and it's priced \$2.00 lower!

Turns 18,000 R.P.M.! Has hundreds of uses! Does drilling, grinding, carving, polishing, engraving, sawing, sanding, cutting, routing, etc. Actually has 50% more power than comparable tools selling for 50% more! Has finger rest over chuck—fan cooling system—grease packed precision ball bearing in front—self-aligning rear bronze bearing—on-off switch. Includes 6 grinding stones, 5 cutters, 3 drills, brushes, saws, polishing accessories, etc., chuck wrench, collet chuck, socket wrench, emery wheel dresser, replacement brushes, rubber covered cord and plug, and heavy wood box. Shipping weight, 2 pounds 10 ounces.

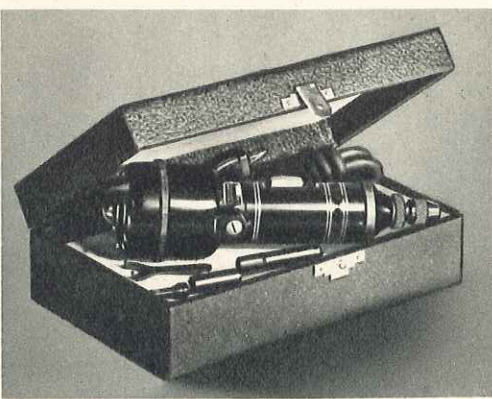
9 PT 2651—Complete with accessories..... \$12.95

THE STANDARD CRAFTY

\$9.75

Same as the CRAFTY at left, but without the 26 accessories. Complete with chuck wrench, collet chuck, socket wrench, set of replacement brushes, cord and plug, and handy box. Shipping weight, 1 pound 8 ounces.

9 PT 2650..... \$9.75



Accessories For CRAFTY

(A) 9 PT 2670—Oblong cutter. $\frac{3}{16}$ -inch diameter, $\frac{3}{8}$ -inch long..... 59c
(B) 9 PT 2836—Ball cutter. Diam., $\frac{1}{4}$ inch..... 59c
(C) 9 PT 2671—Ball cutter. Diam., $\frac{3}{32}$ -inch..... 59c
(D) 9 PT 2672—Cone cutter. Diam., $\frac{3}{32}$ -inch..... 59c

(E) 9 PT 2673—Oval outer. Diameter, $\frac{3}{32}$ -inch..... 59c
(F) 9 PT 2674—Flat outer. $\frac{3}{32}$ -inch diameter, $\frac{3}{16}$ -inch long..... 59c
(G) 9 PT 2837—Pointed outer. $\frac{3}{16}$ inch diameter..... 59c
(H) 9 PT 2656—Saw and mandrel. .032 thick, $\frac{3}{8}$ -in. diam. 69c

(J) 9 PT 2689—Saw blade only, less mandrel. $\frac{3}{8}$ -inch diameter..... 45c
(K) 9 PT 2684—High speed drill. $\frac{1}{16}$ -in. diameter..... 19c
(L) 9 PT 2685—High speed drill. $\frac{3}{32}$ -in. diameter..... 19c
(M) 9 PT 2686—High speed drill. $\frac{1}{8}$ -in. diameter..... 19c

(N) 9 PT 2795—Shaping outer. $\frac{1}{4}$ inch high..... 49c
(P) 9 PT 2796—Shaping outer. $\frac{1}{4}$ inch high..... 49c
(R) 9 PT 2797—Shaping outer. $\frac{1}{4}$ inch high..... 49c

(S) 9 PT 2679—Gray bristle brush. $\frac{3}{8}$ -inch diameter ..10c
(T) 9 PT 2680—Cup type bristle brush. $\frac{1}{2}$ -inch diameter.....10c
(U) 9 PT 2681—Mounted porte polishing brush. For hard-to-get-at places. $\frac{3}{16}$ -inch diameter.....10c

Shipping weight of the accessories shown above, each, 2 ounces.

SUPER CRAFTY

\$16⁹⁵

Complete



SPECIFICATIONS

	9 PT 2650 9 PT 2651 9 PT 2652	9 PT 2658
Over-all Length	7 in.	6 1/2 in.
Extreme Diameter	2 in.	2 in.
Barrel Diameter	1 1/4 in.	Variable
Bearings	1 bronze; 1 ball	1 bronze; 1 ball
Chuck Capacity	1/8 and 3/16 in.	Universal Up to 1/2 in.
Speed	18,000 R.P.M.	18,000 R.P.M.
Motor	Universal for 110-volt A.C. or D.C., 25 to 60 cycles	Universal for 110-volt A.C. or D.C., 25 to 60 cycles
Maximum Output	15 Watts	20 Watts
Insulation	Tested at 1000 volts	Tested at 1000 volts
Condenser	Built-in	Built-in
Switch	Special de- sign; posi- tive break	Special de- sign; posi- tive break
Brushes	Large size carbon; re- placeable from outside	Large size carbon; re- placeable from outside
Fan	Induction ro- tor; 4-blade	Induction ro- tor; 4-blade

NEW SUPER CRAFTY . . . OUR FINEST ROTARY TOOL!

- Exclusive new Universal collet chuck grips entire length of shanks for greater accuracy.
- Actually 30% more power than the rotary tools shown on the opposite page!
- New streamlined design for perfect grip. Removable pistol grip included.
- Equipped with a built-in condenser which reduces radio interference.

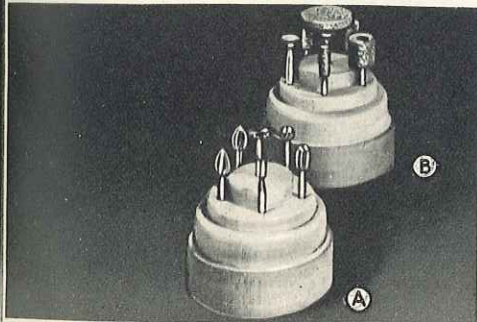
Never before has there been a rotary tool anything like this great new CRAFTY! You can pay \$30.00—and still not match it—because it has features and operating advantages you'll find in no other rotary tool in the world at any price!

The CRAFTYS on the opposite page have 50% more power than comparable rotary tools—but this one has even 30% more than that! It's a perfect example of efficient modern design. Much easier to handle than most rotary tools because it is streamlined, perfectly balanced, and scientifically designed to fit the hand. All moving parts except the nose of the chuck are covered for maximum safety.

New aluminum alloy housing permits more efficient cooling and assures more accurate alignment of bearings. The new super grip universal collet chuck will grip any shank from a No. 60 drill up to a 1/2-inch shank—all without changing the collet insert. Moreover, it grips the full length of accessory shanks—which a conventional type chuck cannot do.

Complete with improved box, and all the equipment and accessories which are included with the Deluxe CRAFTY on the opposite page except the rip gauge which will not fit this tool. Available for shipment Nov. 15, 1940. Shipping weight, 3 lbs. 12 oz.

9 PT 2658—Complete set. \$16.95

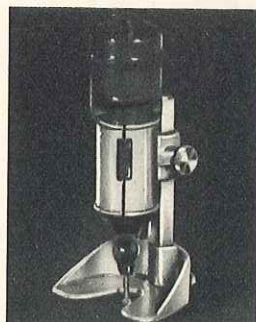


Cutters and Grinders in Sets

\$1.59 Buy your cutters and carvers in sets and save more. These sets come in handy wood boxes for easy selection (box covers are not shown).

(A) 9 PT 2647—Set of six carving cutters. Includes A, C, D, E, F and H in CRAFTY accessories on the opposite page. Shipping weight, 10 ounces. \$3.25

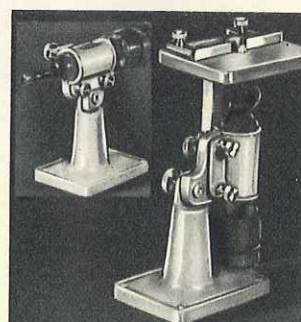
(B) 9 PT 2648—Set of six grinding wheels. A, B, C, D, E, F, in accessories below. Shipping weight, 14 ounces. \$1.59



Router Stand

\$1.85 Converts your CRAFTY into a handy router. Locking device makes it possible to adjust the tool for the desired depth of cut. Entire tool may be moved about to follow a pattern. May be used with any CRAFTY. Shipping wt., 3 lbs.

9 PT 2846—Router stand only, without CRAFTY. . . \$1.85



Shaping and Grinding Stand

\$3.45 Two tools in one! May be used as a shaper in the position shown—or table may be removed and barrel tilted to any position for grinding, carving, polishing, etc. Adjustable table and adjustable fence. May be used with any model of the CRAFTY. Shipping weight, 4 lbs. 6 oz.

9 PT 2845—Shaping and grinding stand, without CRAFTY. . . \$3.45

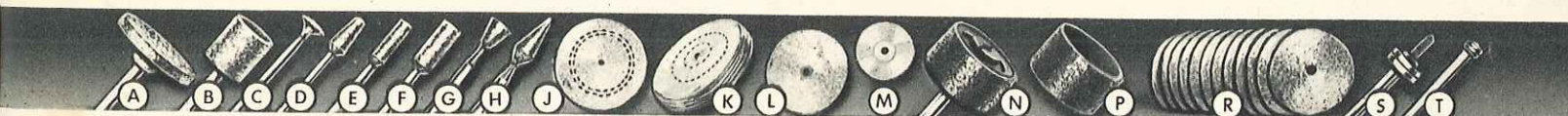
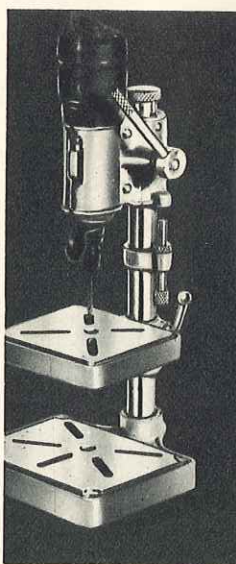
Drill Stand

Converts your CRAFTY into a perfect little drill press! Actually superior to similar outfits selling for three times as much!

Has heavy gray iron base, table and head. Table and base are accurately ground and slotted—are rectangular in shape to give the best possible support to the work. Base serves as an auxiliary table. Table locks securely to heavy steel column at any desired height.

Has rack and pinion spring loaded feed which makes it possible to feed the drill very accurately. Stop device permits you to drill a series of holes to the same depth. May be used with any model of the CRAFTY. It's a great help to model makers. Shipping weight, 5 pounds 6 ounces.

9 PT 2848—Drill stand only, without CRAFTY. \$4.95



- (A) 9 PT 2653—Mounted emery wheel. 1-in. diam.; 1/2-in. thick. . . 29c
(B) 9 PT 2654—Mounted emery wheel. 1/2-in. diam.; 1/2-in. long. . . 29c
(C) 9 PT 2675—Mounted emery wheel. 5/16-inch diameter. 29c
(D) 9 PT 2676—1/4-inch taper mounted emery wheel. 29c

- (E) 9 PT 2677—Mounted emery wheel. 3/16-inch diameter; 1/2-inch long. 29c
(F) 9 PT 2678—Mounted emery wheel. 1/4-in. diam.; 1/2-in. long. . . 29c
(G) 9 PT 2831—Tapered stone. 1/4-in. diam.; 1/2-in. long. 29c
(H) 9 PT 2832—Pointed stone. 1/4-in. diam.; 1/2-in. long. 29c

- (J) 9 PT 2687—Buffing wheel. 1-inch diameter. 10c
(K) 9 PT 2688—Felt buffer. 1-inch diameter. 10c
(L) 9 PT 2655—Rubber bonded polishing wheel. 3/8-in. wide. 1/4-in. thick. 10c
(M) 9 PT 2682—Knife edge rubber taper wheel. 3/8-in. diam. 10c

- (N) 9 PT 2696—Mounted sanding drum assembly. 3/4-in. diam. With sanding sleeve. 35c
(P) 9 PT 2699—Four sanding drum sleeves. To be used as replacement sleeves on sanding drum above. 19c

- (R) 9 PT 2691—Set of twelve high quality carborundum discs. The diameter of these discs is 1 inch. 1/2-inch thick. 1/8-inch hole. 19c
(S) 9 PT 2666—Nut-and-collar type mandrel. 15c
(T) 9 PT 2667—Screw-in-end type mandrel. 10c

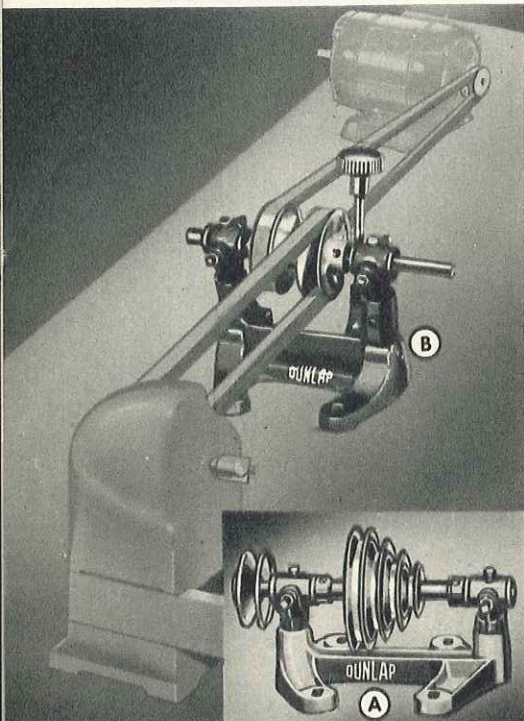
Shipping weight of the accessories shown above, each, 2 ounces.

CRAFTSMAN

REG. U. S. PAT. OFF.

ACCESSORIES

FOR WOOD LATHES



Jack Shafts for Speed Variations

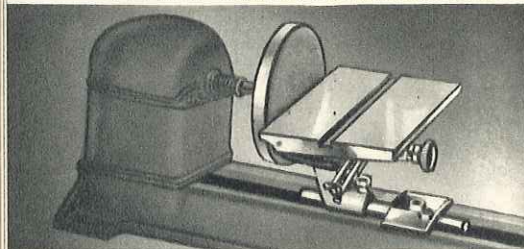
For providing broad speed range on lathes, drill presses, jig saws, sanders, grinders, buffers, etc. Generally used between motor and tool being driven. By selection of proper pulleys, speed of the jack shaft itself may be raised or lowered from motor speed. This raises or lowers the entire range of speeds on the driven machine. In this way much lower and much higher speeds are obtainable than are practical with direct drive. Both types have self-aligning, auto-lubricating bronze bearings with oil reservoirs around bearings.

(A) Cone Pulley Jack Shaft. Varies the speed in certain definite steps. Used with matching cone pulley on machine. For use with 1/2-in. "V" belt. Shpg. wt., 7 lbs. 8 oz.

9 PT 2494—Be sure to state size.
 With 3-inch, 3-step pulley..... \$2.65
 With 4-inch, 4-step pulley..... \$2.75
 With 5-inch, 4-step pulley..... 2.85

(B) Multi-Speed Jack Shaft. The ideal type of speed variation—does away with a series of steps and permits a gradual increase or decrease in the R.P.M. of the driven tool. Makes possible an infinite number of speeds with a 3 to 1 range between low and high speeds. Speeds of 1000 to 3000 R.P.M. obtainable where a 1750 R.P.M. motor is used without changing belts, pulley or stopping motor. Positive drive assured at all times.

9 PT 2496—Shpg. wt., 6 lbs..... \$3.75



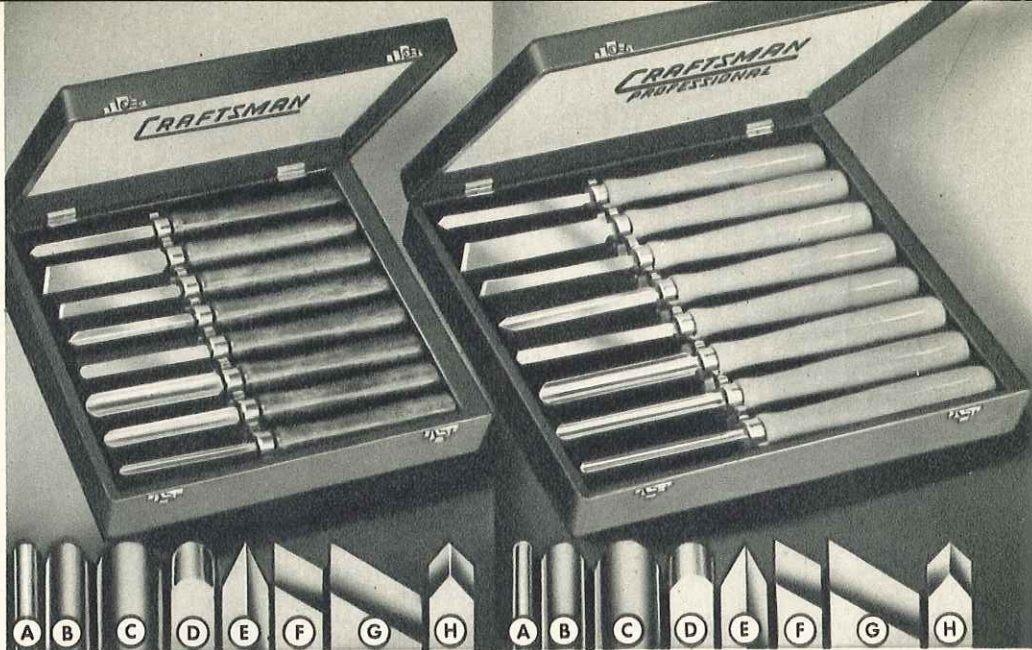
Sanding Attachment

For perfect sanding jobs. Rugged table is firmly mounted on lathe bed. May easily be tilted to any angle. Sanding disc not included (see below). Shipping weight, each, 9 pounds.

Catalog No.	For Lathe	Price
9 PT 2250	99 PTM 2019 on P. 22	\$2.95
9 PT 2096	99 PTM 2027 on P. 23	2.95

8-Inch Sanding Discs. Threaded to fit lathe spindles. Shipping weight, each, 2 pounds.

Catalog No.	For Lathe	Price
9 PT 2160	99 PTM 2019 on P. 22	\$2.25
9 PT 2162	99 PTM 2027 on P. 23	2.25



BALANCED TURNING CHISELS

Good work demands good tools! These chisels have brightly polished 4-inch blades of carefully tempered tool steel. Expertly ground. Keep a bitingly keen edge for fast, clean cutting. 8-inch handles, beautifully finished. Heavy ferrule. Average length over all, 13 inches. Genuine CRAFTSMAN quality at moderate prices. Shipping weight, each, 13 ounces.

- (A) 9 PT 2850—Gouge, 1/4-inch wide..... 59c
- (B) 9 PT 2851—Gouge, 1/2-inch wide..... 65c
- (C) 9 PT 2852—Gouge, 3/4-inch wide..... 95c
- (D) 9 PT 2856—Round Nose Chisel, 1/2-inch wide 59c
- (E) 9 PT 2858—Parting Tool, 1/2-inch wide..... 59c
- (F) 9 PT 2862—Skew Chisel, 1/2-inch wide..... 59c
- (G) 9 PT 2863—Skew Chisel, 1-inch wide..... 85c
- (H) 9 PT 2864—Spear Point Chisel, 1/2-in. wide. 59c

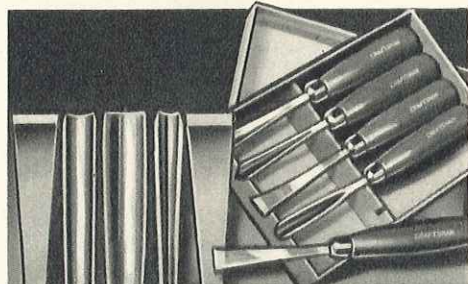
9 PT 2853—Complete set of 8 chisels listed above, in sturdy box. Shipping weight, 8 lbs. 10 oz..... \$6.75

PROFESSIONAL TURNING CHISELS

We believe this new line of wood-turning chisels is the finest that can be bought anywhere! Average over-all length, 17 1/2 in. Forged tapered blades, extra hard; made of high-carbon steel with vanadium added to give toughness. Blades are highly polished and chrome-plated. Maple handles with beautiful natural finish. Shipping weight, each, 1 pound 2 ounces.

- (A) 9 PT 2877—Gouge, 1/4-inch wide..... \$1.35
- (B) 9 PT 2878—Gouge, 1/2-inch wide..... \$1.45
- (C) 9 PT 2879—Gouge, 3/4-inch wide..... 1.60
- (D) 9 PT 2891—Round Nose Chisel, 1/2-inch wide. 1.00
- (E) 9 PT 2893—Parting Tool, 1/2-inch wide.... 1.20
- (F) 9 PT 2894—Skew Chisel, 1/2-inch wide.... 1.00
- (G) 9 PT 2895—Skew Chisel, 1-inch wide..... 1.10
- (H) 9 PT 2890—Spear Point Chisel, 1/2-inch wide.. 1.00

9 PT 2898—Set of 8 professional chisels listed above, in heavy box. Shipping weight, 11 lbs. \$9.95



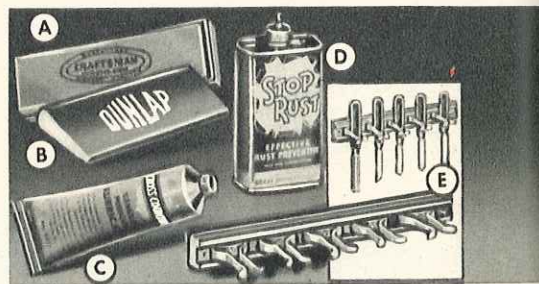
CRAFTSMAN Wood-Carving Tools

Finely finished wood-carving tools. 2 1/2-inch blades forged from fine quality heat-treated steel; take and hold a razor-keen edge. 3 3/4-inch handles, well polished and finished. With these tools you can make a great variety of wood carvings. Great favorites with wood carvers who take pride in their work.

Complete set of 5 tools attractively boxed; includes one each of the following: 3/8-inch bent gouge, 1/4-inch bent chisel, 3/8-inch U tool, 1/4-inch straight chisel and a 3/8-inch veining tool. Shipping weight, 13 oz.

9 PT 2899—Set of 5..... \$2.10

9 PT 2464—Set of 3 tools including a 3/4-inch U tool, 1/4-inch skew bevel, and 3/8-inch bent chisel. Packed in a box. Shipping weight, 8 ounces..... \$1.39



Tool-Room Necessities

(A) CRAFTSMAN Sharpening Stone. Vitrified silicon carbide. One side medium for fast cutting, other side fine for smooth edge. Size, 7x2x1 inch.

9 PT 6440—Shipping weight, 1 pound 8 ounces.. \$1.25

(B) DUNLAP Slip Stone. Medium-fine. For gouges and other round-shaped tools

9 PT 6454—Shipping weight, 12 ounces..... 45c

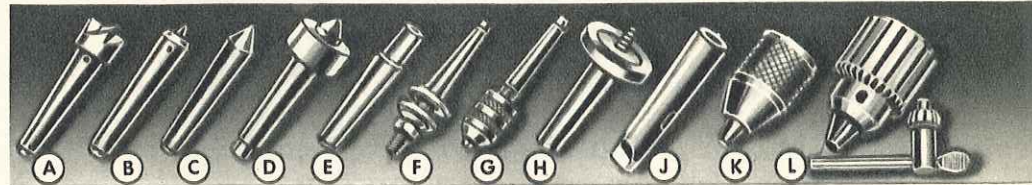
(C) Ball Bearing Lubricant. For power tools.
 28 PT 4432—4-oz. tube. Shpg. wt., 11 oz..... 15c

(D) DUNLAP Stop Rust. Protects tools from rust. Not a lubricant.

9 PT 2927—Shpg. wt., 8 oz..... 29c

(E) Handy Tool Clips. Steel, adjustable tension.

9 PT 2866—5 mounted clips. Shpg. wt., 10 oz. 25c



High Quality Lathe Centers and Arbors

No. 2 Morse taper shanks. Accurately ground for perfect fit. Tapered portion of shank is 3 in. long. Check your spindle before ordering.

- (A) 9 PT 2107—Spur Center. Shpg. wt., 7 oz..... 65c
- (B) 9 PT 2101—Cup Center. Shpg. wt., 7 oz..... 65c
- (C) 9 PT 2111—60-Degree Center. Shpg. wt., 7 oz. 65c
- (D) 9 PT 2113—Precision Ball Bearing 60-Degree Center. Shipping weight, 8 ounces..... \$1.95
- (E) 9 PT 2124—Arbor for Jacobs' chuck. Shipping weight, 7 ounces..... 75c
- (F) 9 PT 2163—Arbor for grinding, etc. Shipping weight, 13 ounces..... 85c
- (G) 9 PT 2125—Arbor and 1/2-inch Chuck. Shipping weight, 1 pound 8 ounces..... \$1.18
- (H) 9 PT 2115—Screw Center. Shpg. wt., 14 oz..... 98c
- (J) 9 PT 2161—Adapter Sleeve. To change from No. 2 to No. 1 Morse taper arbor. Shpg. wt., 5 oz..... 59c

No. 1 Morse taper. Accurately ground and finished. Tapered part of shank is 2 3/8 inches long. Check your spindle before ordering. Shipping weight, each, 8 ounces.

(A) 9 PT 2106—Spur Center.. 59c

(B) 9 PT 2100—Cup Center.. 59c

(C) 9 PT 2110—60-Degree Center..... 59c

(D) 9 PT 2112—Precision 60-Degree Ball Bearing Center \$1.95

(E) 9 PT 2123—Arbor for Jacobs' chuck..... 59c

(F) 9 PT 2165—Grinding Arbor. 75c

(H) 9 PT 2116—Screw Center. 95c

(K) 9 PT 2132—1/2-Inch Chuck. For 9 PT 2166 grinding arbor 55c

Jacobs' Chuck

(L) Extremely high quality throughout. Tapered part of shank is 2 3/8 inches long. Cannot be used on threaded spindles. Fits modified No. 2 Morse taper. Used with 9 PT 2123 arbor for lathe on Page 22, or 9 PT 2124 arbor for lathe on Page 23. Shpg. wt., 2 lbs.

9 PT 2142—Capacity, 1/16 to 1/2-inch..... \$5.25

9 PT 2143 Capacity, 0 to 1/4-inch.. \$6.45

DUNLAP WOOD TURNING LATHE



\$545
99 PT 02051

NOTICE THE SIZE! A FULL 38-INCH BED!

- Double bearing, heavily built, vibrationless headstock—enclosed for safety.
- Two high quality auto-lubricating bronze bearings for extra long life.
- 8-inch swing—27-in. between centers—full 38-in. bed—3 speeds.

Never before a lathe of this quality and capacity at anywhere near this price. Same type enclosed headstock as on our higher priced models. Will handle work up to 27 in. between centers—up to 8 in. in diameter. All parts carefully machined and fitted. Bronze bearings assure smooth vibrationless operation. Ball thrust bearing absorbs spindle thrust. $\frac{3}{8}$ -in. spindle projects for out-board turning. Complete with 6-in. tool rest, cup and spur centers. Use $\frac{1}{4}$ or $\frac{1}{2}$ -H.P. motor and 9 PT 2788 motor pulley listed on Page 45. Over all height, $9\frac{1}{4}$ in.; width, $4\frac{1}{2}$ in., length, 40 in.

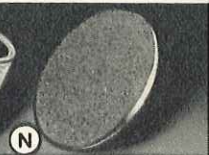
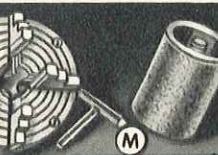
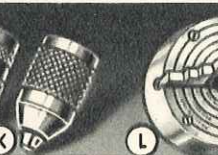
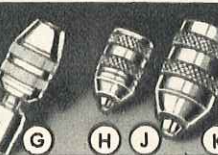
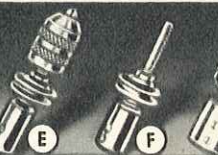
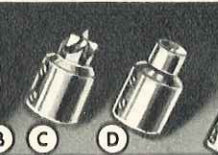
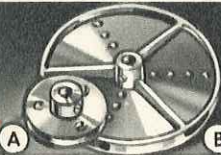
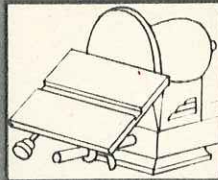
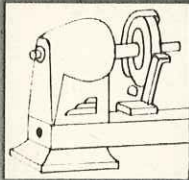
99 PT 02051—Shipping weight, 22 pounds. . . . \$ 5.45

Lathe Grinding Attachment. Shown in left inset. Use it for all kinds of grinding. Includes guard, tool rest, arbor to fit on spindle, $4 \times \frac{3}{4}$ -in. grinding wheel, clamps, etc., for use on above lathe. Shipping weight, 1 lb. 10 oz.

9 PT 2011.....\$1.39

Lathe Sanding Attachment. Shown in right inset. Consists of tilting table made of ground gray iron and mountings for use on above lathe. To be used with sanding disc 9 PT 2158 listed below. Shipping weight, 6 lbs. 8 oz.

9 PT 2214.....\$2.75



Face Plates
For number 99 PT 02051 or any other lathe with $\frac{3}{8}$ -in. plain spindles. Be sure to check spindle size before ordering.
A 9 PT 2080—3-in. Shipping weight, 7 ounces. . . . **79c**
B 9 PT 2081—6-in. Shipping weight, 14 ounces. . . . **\$1.50**

Spur Center
C For 99 PT 02051 or any other lathe with $\frac{3}{8}$ -in. spindles. Check spindle size. Shipping weight, 6 ounces. . . . **65c**
9 PT 2105.....

Cup Center
D Carefully made. For tallstock of lathe. Fits any $\frac{3}{8}$ -in. spindle. Check spindle size. Shipping weight, 6 ounces. . . . **65c**
9 PT 2102.....

Work Arbor with Chuck
E Fits $\frac{1}{2}$ or $\frac{3}{8}$ -in. straight spindle. Fastens on spindle with 2 set screws. $\frac{1}{2}$ -in. x 24-thread. 3-jaw $\frac{1}{2}$ -in. chuck. State whether for $\frac{1}{2}$ or $\frac{3}{8}$ -in. spindle. Check before ordering.
9 PT 2118—Shpg. wt., 1 lb. 10 oz. . . . **95c**

Work Arbor
F Same as 9 PT 2118, above, without chuck. Has finely faced steel collars to clamp grinding or buffing wheel. State whether for $\frac{1}{2}$ or $\frac{3}{8}$ -in. spindle. Check before ordering.
9 PT 2120—Shipping weight, 15 ounces. . . . **45c**

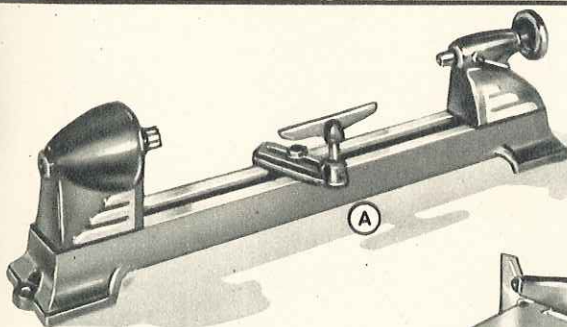
$\frac{1}{2}$ -in. CRAFTSMAN Drill Chuck and Arbor
G 3-jaw ground chuck with adapter, for lathes or motors with $\frac{1}{2}$ -in. or $\frac{3}{8}$ -in. straight spindles. Arbor is $\frac{1}{2}$ -in. x 24-thread. State whether for $\frac{1}{2}$ or $\frac{3}{8}$ -in. spindle. Check before ordering.
9 PT 2140—Shpg. wt., 1 lb. 6 oz. . . . **95c**

3-Jaw Chucks
H Accurately machined to run true. Nicely finished. Superior to ordinary chucks. Fit $\frac{1}{2}$ -inch 24-thread per inch spindles. Check before ordering.
I 9 PT 2130— $\frac{1}{2}$ -inch capacity. Shipping weight, 5 ounces. . . . **29c**
J 9 PT 2132— $\frac{3}{8}$ -inch capacity. Shipping weight, 12 ounces. . . . **55c**
K 9 PT 2134— $\frac{1}{2}$ -in. capacity. Ground for accuracy. Shipping weight, 1 pound. . . . **89c**

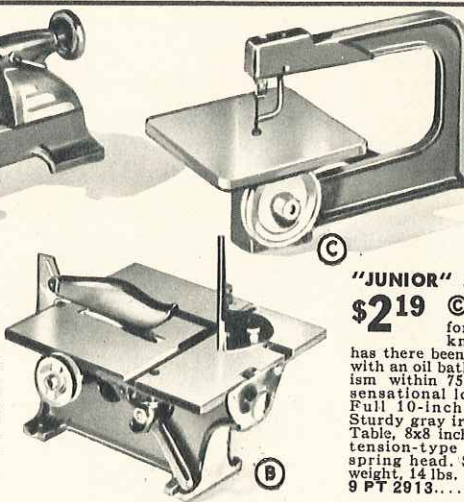
4-Jaw Independent Chuck
L 4-inch capacity; reversible jaws. Well made, nicely machined. Fits any lathe with $\frac{3}{8}$ -inch straight spindle. Be sure to check spindle size. Shipping weight, 3 lbs. 12 oz. . . . **\$4.95**
9 PT 2136.....

Drum Sander
M Accurately made. Complete with sleeve and adapter. Fits $\frac{1}{2}$ -in. x 24-threaded shaft. 3 in. long, 2 $\frac{1}{2}$ in. diam. To put on new sleeve, just loosen adapter nut. Shpg. wt., 12 oz. . . . **95c**
9 PT 2520.....
N 9 PT 2522—Sanding sleeve for above drum. Fine, medium or coarse. State grit wanted. Shpg. wt., 2 oz. Each. **10c**

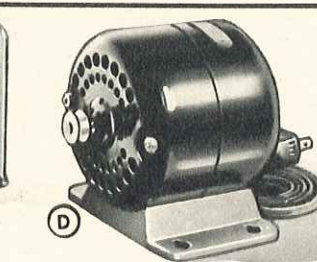
Sanding Discs
O Carefully machined and balanced aluminum discs fitted with sandpaper. Fit only $\frac{3}{8}$ -in. straight spindle. Be sure to check spindle size.
9 PT 2158—6-inch. Shipping **\$1.59**
9 PT 2159—8-inch. Shipping weight, 1 pound. . . . **\$1.95**



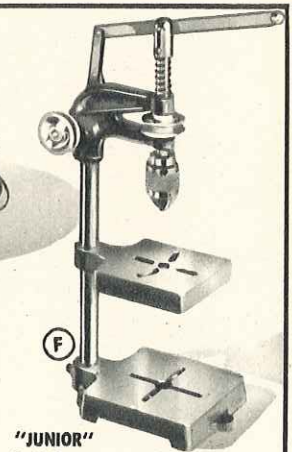
"JUNIOR" Wood Turning Lathe
A Here's a real workmanlike lathe with the features you want—at a moderate price. It's big—note these over-all dimensions: height, 6 $\frac{1}{4}$ in.; width, 4 $\frac{1}{2}$ in.; length, 23 $\frac{3}{4}$ in. Handles work up to 5-in. diameter, 12 in. long. 2 speeds. Has enclosed headstock and spur and cup centers. Machined ways.
9 PT 2911—Shipping weight, 12 pounds. . . . **\$2.95**



"JUNIOR" Bench Saw
B Now—a small bench saw with the adjustments and features of much larger machines. 7 \times 9-in. ground iron table tilts to 45 degrees on double pivots. 4-inch blade adjusts to any depth of cut up to 1 inch. Rip fence and miter gauge; guard and splitter, all included as standard equipment. Over-all dimensions: height, 6 $\frac{1}{4}$ in.; width, 11 in.; depth, 10 $\frac{1}{2}$ in.
9 PT 2910—Shipping weight, 9 lbs. 6 oz. . . . **\$3.45**



"JUNIOR" Jig Saw
C New—never before to our knowledge has there been a jig saw with an oil bath mechanism within 75% of our sensational low priced Full 10-inch throat. Sturdy gray iron frame. Table, 8 \times 8 inches. New tension-type enclosed spring head. Shipping weight, 14 lbs.
9 PT 2913..... **\$2.19**



"JUNIOR" Motor
D Smooth running 3400 r.p.m. motor to keep your "JUNIOR" tools humming. A regular 110-volt, 60-cycle a.c. power plant. Built for steady service. Use drive belt 9 PT 2727 or 9 PT 2714 with this motor. Brass pulley. Cord and plug included. Shpg. wt., 7 lbs. 6 oz.
9 PT 2725..... **\$3.75**



10c
E Round rubber belt, $\frac{1}{4} \times 16 \frac{1}{2}$ in. outside diameter, for use with "JUNIOR" motor 9 PT 2725 above. They are so inexpensive that it will pay to have one for each tool.
9 PT 2727—Shipping weight, 2 ounces. . . . **10c**
A regular "V" belt built like our standard line, but light and flexible. For use with "JUNIOR" motor, 9 PT 2725.
9 PT 2714— $\frac{1}{4} \times 32$ -inch "V" Belt. Shpg. wt., 3 oz. . . . **29c**

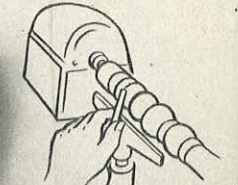
"JUNIOR" Drill Press
F A new idea in drill presses! $\frac{3}{8}$ -in. capacity. Drills to center of a 6-inch circle. 4 \times 4-in. table and base are ground gray iron. Column is $\frac{3}{4} \times 10 \frac{1}{2}$ inches. Over-all dimensions: height, 17 $\frac{1}{2}$ in.; width, 5 in.; depth, 10 $\frac{1}{2}$ in. Shpg. wt., 7 lbs. 6 oz.
9 PT 2912..... **\$2.45**

DUNLAP CONVERTIBLE LATHE

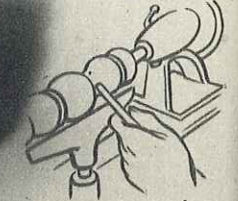
MAY BE USED FOR BOTH WOOD AND METAL TURNING



Face Plate Work Is Easy on This Lathe



Turning Table Legs Is Fascinating Work



Tool Rest Is Designed for Greatest Rigidity



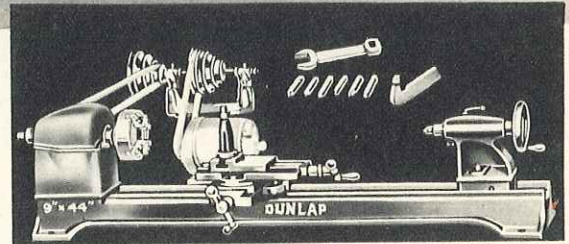
\$14⁹⁵

SPECIFICATIONS

Over-all Height	10 1/4 inches	
Over-all Width	7 inches	
Over-all Length	46 inches	
Swing Over Bed	9 inches	
Distance Between Centers	30 inches	
Spindle Bearings	2; oilite bronze	
Thrust Bearings	1; ball bearing	
Spindle	Nose Size	3/4 in.; 16 R.H. thread
	Taper Hole	8 3/4 in. x 3/8 inch No. 1 Morse 3/8 inch
Tailstock Taper	No. 1 Morse	
Speeds	4; 700, 1300, 2300, 4000 R.P.M.	
Motor Recommended	1/2-H.P., 1750 R.P.M. 99PT05620 or 99PT01955	
Machine Pulley Supplied	4-step cone	
Motor Pulley Recommended	99PT2792, 4-step cone	
Mounting Recommended	99PTM2786, metal lathe stand or 99PTM2721, work bench	
Mounting Dimension (Center to center of holes in base)	5 7/8 inches x 40 3/4 inches	

9-INCH SWING 44-INCH BED

- Bearings on both sides of spindle pulley for perfect spindle support
- Oversize bronze bearings are self lubricated. Sealed against dirt
- No. 1 Morse taper centers in head stock and tail stock
- 4 speeds from 700 to 4000 R.P.M.
- 30 inches between centers. Has full 9-inch swing over bed



COMPLETE METAL WORKING OUTFIT

Build your metal working shop around this handy outfit! The sturdy construction of the lathe makes it suitable for adoption to metal work. Ideal size to handle armature turning and any light metal repair jobs you may wish to do. Easily changed over from metal to wood.

\$39⁵⁰

The multiple speed jack shaft provides the slow speeds and greater power necessary for smooth, clean cutting in metal. The compound rest adjusts from 0 to 180 degrees angular position. Longitudinal feed is 6 inches and cross feed 5 3/8 inches. The independent 4-jaw chuck will hold round, square or irregularly shaped pieces. Outfit includes our DUNLAP 9-in. lathe, compound rest, tool post, tool holder, six tool bits, wrenches, multiple speed jack shaft, 4-in. 4-jaw chuck, belt, pulleys, and 60 degree-center. Motor not included. Shipping weight, 93 pounds.

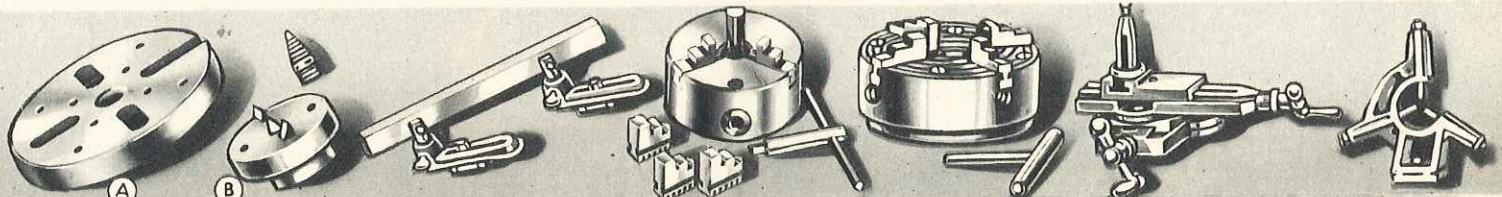
99 PTM 2020—Complete Outfit with Lathe \$39.50

Can't be matched elsewhere at anywhere near this price! Big enough for almost ANY job—and built heavy enough to do metal turning with proper attachments!

The double-bearing mounting of the spindle makes it easy to turn large diameter work on the outside end of the spindle. All bearings are auto lubricated bronze, sealed in a bath of oil. This close, tight seal keeps spindle journals accurate . . . dirt-free. All longitudinal thrust is absorbed by the built-in ball thrust bearing.

Husky 44-inch gray iron bed is built for smooth operation even under heavy cuts. Tail stock may be set over for turning tapers. Bed is so designed that compound rest may be used close to headstock and yet be perfectly supported. Indexed head stock pulley makes dividing and fluting easy. Head stock spindle has right hand threads inboard, left hand threads outboard permitting use of face plates on either end without reversing motor. With "V" belt, wrench, 8-in. tool rest, and No. 1 Morse taper spur and cup centers. Shpg. wt., 60 lbs.

99 PTM 2019—DUNLAP Lathe \$14.95



High Grade Face Plates

Ⓐ 9 PT 2088—5 1/4-inch. Right hand thread for inboard turning. Fits 3/4-in. threaded spindle. For 99 PTM 2019 lathe above. Shipping weight, 3 lbs. 8 oz. . . . \$1.35

9 PT 2089—5 1/4-inch. Left hand thread for outboard turning. Fits 3/4-inch threaded spindle. For 99 PTM 2019 lathe above. Shipping weight, 3 lbs. 8 oz. . . . \$1.35

Ⓑ 9 PT 2091—3-inch. Complete with spurs, removable center, and screw center. Fits 3/4-inch right hand threaded spindle. For lathe 99 PTM 2019 shown above. Shipping weight 1 pound 12 ounces \$1.10

18-in. Tool Rest

A great convenience when making long turnings, such as table legs or lamp spindles. Readily adjusted for height. Well machined and nicely finished. Complete with bed brackets. Shpg. wt., 7 lbs.

9 PT 2173 . . . \$2.25

3-Jaw Chuck

3-inch diameter; grips round or hexagonal work. All jaws move at once. 2 sets of jaws (inside and outside). Fits 3/4-inch threaded spindle. For lathe 99 PTM 2019, above. Shipping weight, 3 lbs. 8 oz.

9PT2152 . . \$13.95

4-Jaw Chuck

Four husky jaws, each one reversible, and can be moved by itself. 4-inch diameter. Key and back plate to fit 99 PTM 2019. Fits 3/4-in. threaded spindle. Shpg. wt., 4 lbs. 8 oz.

9PT2156 . . \$4.95

Compound Rest

Feed collars graduated to 1/1000 inch. Angular dial graduated to 180 degrees. Transverse feed, 5 1/8-in.; angular or longitudinal feed, 6-in. Precision built. (For tool bits and holders, see Page 27.) Shpg. wt., 17 lbs.

99PT02168 . . \$13.95

Steady Rest

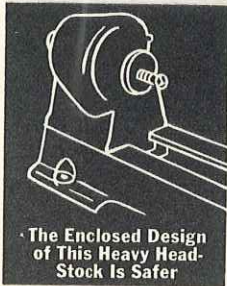
For supporting extra long work in lathe. Fitted with best quality brass jaws! Very essential when turning long, slender pieces in the lathe. Shipping weight, 4 pounds.

9PT2178 . . \$3.95

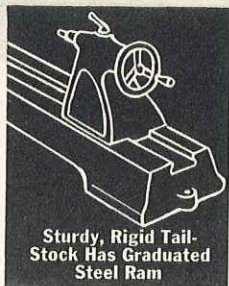
SEE PAGE 20 FOR ADDITIONAL LATHE ACCESSORIES

CRAFTSMAN BALL BEARING LATHE

PRODUCTION TYPE! FOR WOOD OR METAL TURNING!



The Enclosed Design of This Heavy Head-Stock Is Safer



Sturdy, Rigid Tail-Stock Has Graduated Steel Ram



Extra Wide Ways and Heavy Construction for Greater Rigidity

\$2795

SPECIFICATIONS

Over-all Height	13½ in.	
Over-all Width	8½ in.	
Over-all Length	56½ in.	
Swing Over Bed	10 in.	
Dist. Between Centers	36 in.	
Spindle Bearings	2 precision ball bearings	
Thrust Bearings	Thrust taken on main bearings	
Spindle	Nose Size	1 in., 8 thread, R.H.
	Taper Hole	9/16 x 1 1/8 in. No. 2 Morse 1/2 in.
Tailstock Taper	No. 2 Morse	
Speeds	4; 700, 1300, 2300, 4300 R.P.M.	
Motor Recommended	1/2 or 1/2-H.P.; 1750 R.P.M. Condenser type	
Machine Pulley Supplied	5-in., 4-step cone	
Motor Pulley Supplied	5-in., 4-step cone	
Recommended Mountings	99 PTM 2787 stand or 99PTM2721 work bench.	
Mounting Dimension (Center to center of holes in base)	7½ x 51¼ in.	

10-INCH SWING . . 36-INCH BETWEEN CENTERS . . 54-INCH BED

- Heavy gray iron flat-way bed with 1½-inch ways. Total bearing surface 3 inches!
- Two heavy duty sealed precision ball bearings in headstock for smooth accurate operation
- No. 2 Morse taper centers in both headstock and tailstock
- Great weight makes it readily adaptable for metal turning with proper attachments

This **CRAFTSMAN** production-type lathe is the perfect tool for the master craftsman. Because of its excellence in every detail of construction, it has gained an important place in professional woodworking and pattern shops all over the country. It's built for professional use! That's why it is so popular with both professional and amateurs all over the country.

Check the features . . . the specifications . . . the modern design . . . the weight! See for yourself how far superior this lathe is to *any* you have ever seen in this price range! It has a massive flat-way bed that actually has a total bearing surface of 3 full inches! This allows you to take the heaviest cuts easily. The ways continue right up to the headstock so as to provide perfect mounting for compound rest or tool rest close to the headstock. The great weight of the entire lathe insures smooth, vibrationless, accurate operation.

The headstock spindle rotates on precision ball

bearings, sealed against dirt and abrasive materials. It has a right hand thread inboard and a left hand thread outboard to allow you to do outboard turning on large pieces without reversing motor or lathe drive. Longitudinal thrust is absorbed by ball bearing. Headstock pulley is indexed so work may be evenly divided or fluted. Headstock pulley and belt are covered to give you additional protection.

The tailstock is fitted with accurately ground steel ram and an automatic knock-out device for easily removing the No. 2 Morse taper centers and arbors. Ram is graduated in 1/16-inch divisions. The headstock and tailstock are fitted with No. 2 Morse taper sockets for removable centers and arbors.

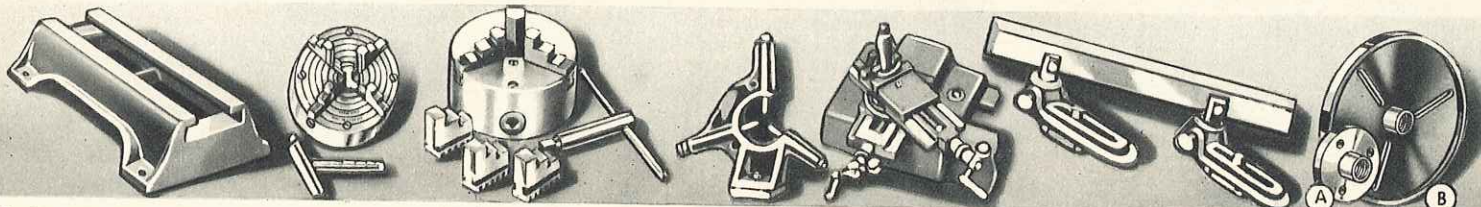
Complete with 4-step motor pulley, V-belt, wrench, cup and spur centers, and tool rest. Shipping weight, 115 lbs.

99 PTM 2027 \$27.95



REPAIR PARTS

Should you ever need repair parts for any of Sears power tools, you can always get them quickly and easily because every part is conveniently numbered. See inside front cover for complete details.



Lathe Bed Extension

A handy accessory for extra long work. 15 inches long. Accurately machined. Rigid construction. Shipping weight, 14 lbs. 9 PT 2017—For Lathe 99PTM2019, on opposite page. . . \$2.35 9 PT 2029—For Lathe 99PTM2027, listed above. \$3.60

4-Jaw Chuck

4-inch diameter. Four reversible jaws move independently of each other. Back plate fits 1-in., 8-thread spindle as on 99 PTM 2027 lathe, above. Shipping weight, 4 lbs. 2 oz. 9 PT 2138. \$4.95

3-Jaw Chuck

Four-inch diameter universal chuck. Accurate self-centering, heat-treated jaws. Fits 1-in., 8-thread spindle as on 99 PTM 2027 lathe, above. Shipping weight, 4 lbs. 8 oz. 9PT2148. \$15.50

Steady Rest

For supporting long work in lathe and preventing vibration in long, slender pieces. Clamps to lathe bed. Fitted with adjustable brass jaws. Shipping weight, 3 lbs. 10 oz. 9 PT 2023 \$4.65

Compound Rest

Fits 99PTM2027 lathe. Dial graduated to 180 degrees; swivels through 380 degrees. Transverse feed, 6 1/8 inches; longitudinal feed, 7 1/2 inches. Precision built. Without tool holder; see Page 27. Shipping wt., 29 lbs. 99 PT 02094 \$15.75

24-In. Tool Rest

For 99 PTM 2027 lathe, listed above. Useful when turning long pieces such as table legs, lamp standards, etc. Rigid construction. Complete with bed brackets. Shipping wt., 10 lbs. 9PT2095. \$3.15

Face Plates

Fit 1-in. 8-thread spindle on 99 PTM 2027. **A** 9 PT 2085—3 1/2 in. (inboard). Shpg. wt., 2 lbs. \$1.25 **B** 9 PT 2092—9-in. R.H. thread (inboard). Shpg. wt., 6 lbs. 10 oz. \$2.75 9 PT 2093—9-in. Left hand thread (outboard). Shipping wt., 6 lbs. 10 oz. . . . \$2.75

SEE PAGE 20 FOR CHISELS, ACCESSORIES, CENTERS, ETC.

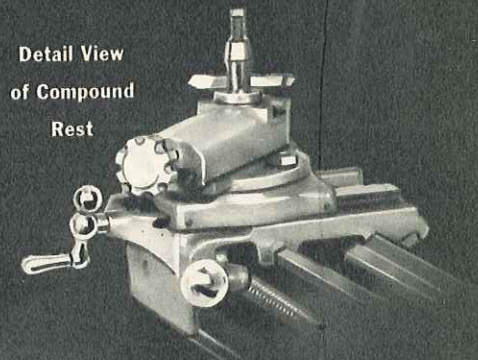
POWER TOOL . . . 23

NEW DUNLAP METAL-TURNING LATHES



\$1495

99 PT 02053



Detail View
of Compound
Rest



\$2850

99 PT 02062

**NEW!
OFFSET CENTER
DESIGN . . ASSURES
MUCH SMOOTHER
OPERATION**

SPECIFICATIONS

For Both Lathes On This Page

Over-all Height	9 1/8 in.
Over-all Width	8 3/4 in.
Over-all Length	32 in.
Length	34 in.
Swing Over Bed	6 in.
Swing Over Carriage	2 1/4 in.
Capacity Between Centers	18 in.
Spindle Bearings	No. 2 Bronze
Spindle Size	7 1/4 x .551 in.
Spindle Nose	1/2 in. 24-thread
Spindle Taper	No. 0 Morse
Spindle Hole	1/4 in.
Spindle Speeds	4; 580-2040
	8; 116-2040
Lead Screw Size	1/2 in. 29° Acme
Lead Screw Thread	16 per inch
Tailstock Ram Travel	1 1/4 in.
Tailstock Set Over	3/8 in.
Compound Rest Travel	1 3/4 in.
Cross Slide Travel	2 3/4 in.
Centers	60°
Centers Angle	No. 0 Morse taper
Centers Fit	Knockout
Centers Type	
Motor Recommended	1/4 or 1/2 H.P. 1750 R.P.M.
Recommended Mounting	99PTM2721 Work Bench
Mounting Dimensions	5x24 1/2 in.
For Lathe 99PT02062 Only	
Back Gear (No. Bearings)	4 Bronze
Back Gear Ratio	5 to 1
Feeds	.0024; .0039 .0048; .0078
Thread Range	8 to 96 R.H. or L.H.

NO OTHER LATHES IN THE WORLD LIKE THESE!

- Accurately machined V-way bed . . . 6-inch swing . . . full 18 inches between centers.
- Double-bearing headstock has finest bronze bearings; front bearing fully adjustable.
- This lathe is equipped with removable No. 0 Morse taper centers in headstock and tailstock.
- Has an accurate compound rest, with adjustable gibs and lock (see small view above).

Here, at last, is a well-made, accurate metal turning lathe at a price that places it within the reach of the average craftsman! Never before, in the history of power tools, has there been a lathe anything like it! You can pay three times as much—and still not match it!

It's not just a small carbon copy of larger metal lathes—but an entirely new tool designed to have the stability and many advantages of larger machines! For example, the new offset-center construction permits exceptionally smooth and accurate operation. It keeps the pressure of the work on the tool bit between the ways—even when handling larger work. In this way, this construction overcomes one of the great disad-

vantages of ordinary small metal turning lathes.

Its accuracy is entirely adequate for a large percentage of metal turning work. Ideal for armature turning and much small shop work. Notice the husky, fully enclosed streamlined headstock. Has bronze bearings on BOTH sides of spindle pulley. Has knock-out centers in headstock and tailstock. Tailstock may be set over for turning tapers. Cross feed and angular feed are gibbed for take up. Full length lead screw provided for longitudinal feed of carriage.

99 PT 02053—DUNLAP Metal Turning Lathe as shown above at left. Shpg. wt., 40 lbs. . . . **\$14.95**
9 PT 2084—4-step motor pulley for use with above lathe. Shipping weight, 1 lb. **55c**

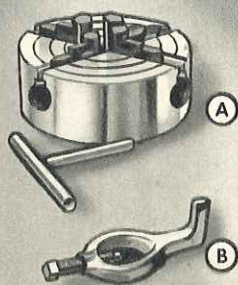
DUNLAP Complete Metal Turning Lathe

Illustrated above at the right of this page. This lathe is the same as 99 PT 02053 described directly above, but it comes complete with back gears, threading gears, gear cover and threading dial—perfectly installed at the factory.

The back gears and threading gears are of great assistance in getting the most out of your lathe. Metal turning speeds are always much slower

than wood turning speeds. The back gears give this slower speed and much greater power—both very desirable for efficient metal turning. The threading gears permit cutting threads from 8 to 96 threads per inch. Complete as shown above at right. Shipping weight, 56 pounds.

99 PT 02062—DUNLAP Complete Metal Turning Lathe with back gears and threading gears. . . **\$28.50**

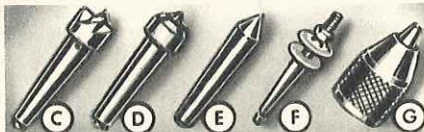


4-Jaw Chuck

A 4 reversible jaws move independently of each other. 3-in. diam. With key and back plate. Accurately machined. Fits 1/2-in. 24-thread spindle. For both lathes on this page. Shpg. wt., 3 lbs.
9 PT 2137 **\$3.75**

Lathe Dog

B Holds work firmly. Heat treated set screw. Choice of 1/2, 3/4 or 1-in. State size. Shipping weight, 1 lb.
9 PT 2078 **35c**



Accessories for Above Lathes

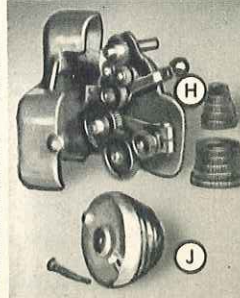
- C** 9 PT 2108—No. 0 Morse taper spur center. Shipping weight, 3 ounces. **49c**
- D** 9 PT 2109—No. 0 Morse taper cup center. Shipping weight, 3 ounces. **49c**
- E** 9 PT 2103—No. 0 Morse taper 60-degree center. Shipping weight, 3 ounces. **49c**
- F** 9 PT 2104—No. 0 Morse taper work arbor. Shipping weight, 5 ounces. **69c**
- G** 9 PT 2132—1/2-inch 3-jaw chuck. Fits 1/2-inch 24-thread spindles. Shpg. wt., 12 oz. **55c**

Threading Gears

H To be used on 99 PT 02053 DUNLAP lathe above at left. Will cut threads from 8 to 96 per inch. Complete with gear cover and threading dial. Shpg. wt., 10 pounds.
99 PT 2083 **\$9.65**

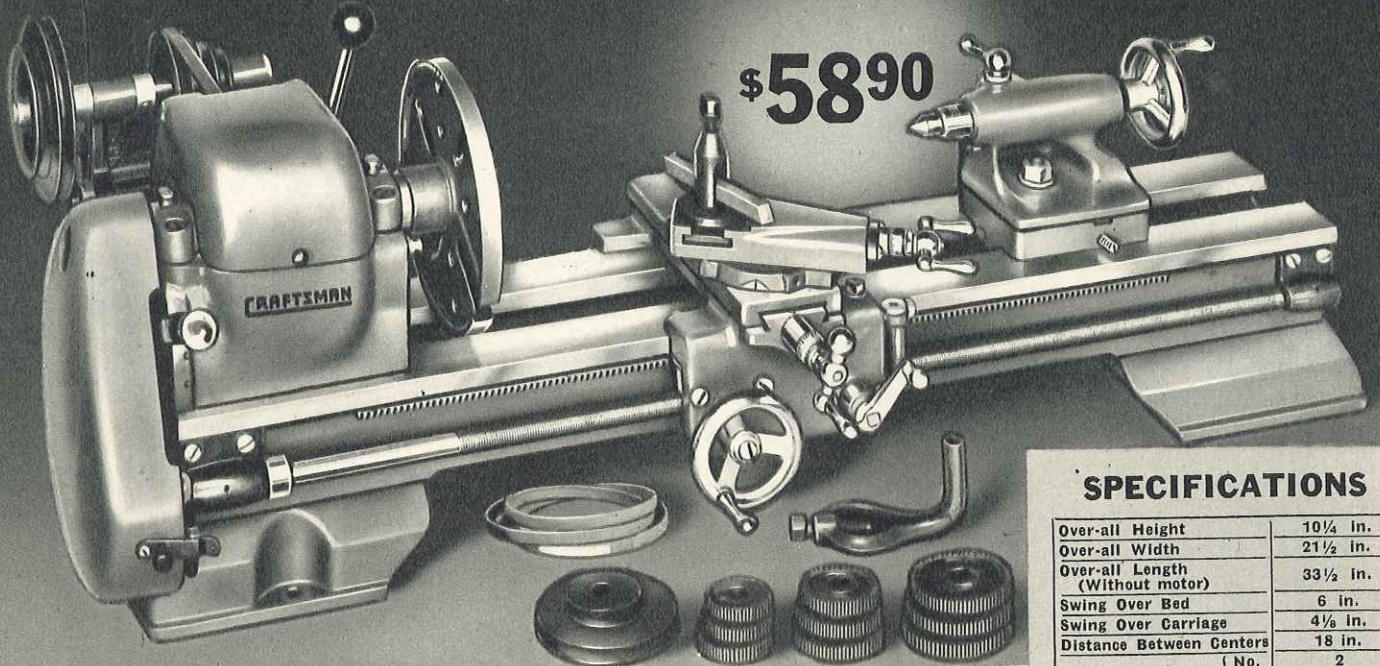
Back Gears

J To be used on 99 PT 02053 DUNLAP lathe above at left. This unit assembly replaces regular headstock pulley. Gears are contained within pulley. Proper means are provided for throwing gears in or out of engagement. These back gears give slower spindle speeds and much greater power—both very desirable for efficient metal turning work. Shipping weight, 4 pounds.
9 PT 2082 **\$3.95**



CRAFTSMAN MODEL MAKERS' LATHE

PRECISION BUILT! GUARANTEED ACCURATE WITHIN 1/1000 INCH!



\$58.90

BACK GEARED . . 6-INCH SWING . . 30-INCH BED

- Back gears give 16 speeds—54 to 3225 R.P.M. A correct speed for all types of metal turning, finishing and polishing; woodworking and machining plastics.
- 1-inch ground steel spindle runs in adjustable auto-lubricating bronze bearings.
- Hinged countershaft and motor bracket built as part of lathe.

The only precision-built small metal working lathe ever offered at anywhere near this price! While it is smaller in capacity than our larger CRAFTSMAN screw cutting lathes (Pages 26 and 27), it actually matches them in accuracy, precision and performance!

The massive, semi-steel precision-ground bed is rigidly cross braced, and mounted on heavy gray iron legs. Extra heavy headstock, with adjustable bronze bearings gives rigid support to the spindle. Ball thrust bearing takes spindle thrust. Hinged guards for spindle pulley and feed gears give maximum safety. Carriage has hand wheel for manual operation and feed lever for reversible automatic power feed. Bench type

countershaft has quick belt release lever. Graduated compound rest swivels through 360 degrees. Spindle pulley has 60 indexing holes. Compound rest, carriage, etc. are fully gibbed for take-up. Tailstock has set-over for taper turning.

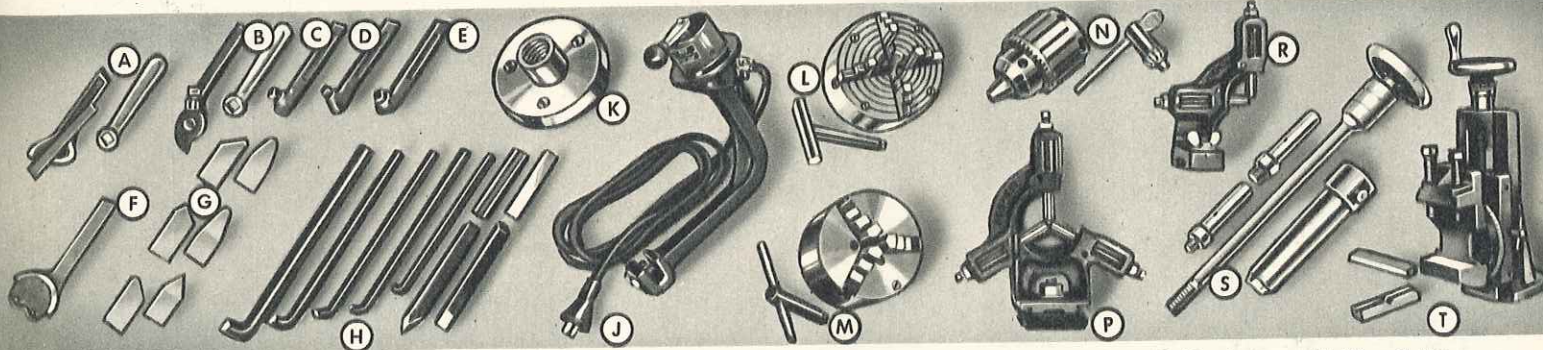
Equipment includes graduated compound rest, tool post, ring and rocker, 3/8-inch tool bit, bench type countershaft, motor pulley, belts, face plate, dog, two 60-degree lathe centers, threading dial, change gears, 3 wrenches, and complete, easy-to-follow instructions. Available on Sears Easy Terms. See inside back cover. Shipping weight, 110 pounds.

99 PTM 2048.....\$58.90

Easy Terms!
ON ORDERS OF \$10 OR MORE
SEE INSIDE FRONT COVER

SPECIFICATIONS

Over-all Height	10 1/2 in.	
Over-all Width	21 1/2 in.	
Over-all Length (Without motor)	33 1/2 in.	
Swing Over Bed	6 in.	
Swing Over Carriage	4 1/2 in.	
Distance Between Centers	18 in.	
Spindle Bearings	No. 2 Oillite bronze	
Countershaft and Back Gear Bearings	No. 4 Oillite bronze	
Spindle	Size	8 3/8 x 1 3/8 in.
	Nose	1-in. 8 R.H. thread
	Taper Hole	No. 2 Morse 1 1/2 in.
Tailstock Taper	No. 1 Morse	
Back Gear Ratio	6 1/2 to 1 (Approx.)	
Feeds		4: .0024;
		.0039; .0048;
		.0078
Thread Range	8 to 96 R.H. or L.H.	
Tailstock Ram Travel	1 1/4 in.	
Cross Slide Travel	3 3/8 in.	
Compound Rest Travel	1 3/4 in.	
Tailstock Set Over	3/8 in.	
Speeds	16: 54 to 3225	
Motor Recommended	1/4 or 1/2 H.P. 1750 R.P.M.	
Recommended Mounting	99 PTM 2786, lathe stand	
Mounting Dimensions	4 3/4 x 27 1/2 in.	



Tool Holders

- Fit lathe above. Finest construction throughout. Special drop forged steel, heat treated and hardened. Accurately machined. Set screws are best alloy steel. Those holders using tool bits use 3/16-inch bits.
- A 9 PT 2037—Cut-Off Tool. Shipping weight, 14 oz.....\$1.45
 - B 9 PT 2031—Threading Tool. Shipping weight, 14 oz.....2.35
 - C 9 PT 2033—Straight Tool Holder. Shpg. wt., 12 oz.....1.00
 - D 9 PT 2034—Right Hand Tool Holder. Shpg. wt., 12 oz.....1.00
 - E 9 PT 2035—Left Hand Tool Holder. Shpg. wt., 12 oz.....1.00
 - F 9 PT 2036—Knurling Tool. Shipping weight, 14 oz.....2.85

Formed Tool Bits

- © Set of six 3/16-inch bits to fit tool holders at left. High speed steel. Ground to shape. Shpg. wt., 5 oz. 9 PT 2043—Set of 6.....\$1.15

Tool Post Set

- ® Set includes four boring bars, turning and threading tools, set of spacers. Shpg. wt., 14 oz. 9 PT 2038.....\$4.35

Reversing Switch

- Ⓚ For reversing rotation of motor and spindle. Shpg. wt., 5 lbs. 9 PT 2039.....\$3.90

Face Plate

- Ⓛ Fits 1-inch 8-thread spindle. Diameter, 3 1/2 inches. Shipping weight, 2 pounds. 9 PT 2085.....\$1.25

Independent Chuck

- Ⓛ Four reversible jaws move independently of each other. 4 inches in diameter. Fits 1-in. 8-thread spindle. Shipping wt., 4 lbs. 2 oz. 9 PT 2138.....\$4.95

4-inch Universal Chuck

- Ⓛ 3-Jaw; self centering. Fits 1-in. 8-thread spindle. Shpg. wt., 4 lbs. 8 oz. 9 PT 2148.....\$15.50

Jacobs' Headstock Chuck

- Ⓛ Accurate and convenient for holding small work. Capacity, 0 to 1/2 inch. Fits 1-inch 8-thread spindle. Shpg. wt., 4 lbs. 9 PT 2044.....\$9.25

Steady Rest

- Ⓛ Gives additional support when turning long pieces in lathe. Shipping weight, 5 lbs. 8 oz. 9 PT 2041.....\$3.60

Follower Rest

- Ⓛ Mounts on back of carriage slide to support slender work. Shpg. wt., 3 lbs. 8 oz. 9 PT 2042.....\$2.60

Holding Collet

- Ⓛ This tool will hold threaded-hole angular vise, flat block, and V-block to hold cylindrical objects. Vise capacity, 2-in. Vertical feed, 1 3/4 in. Graduated angular swivel. Shipping weight, 8 lbs. 8 oz. 9 PT 2059.....\$5.25

Milling Attachment

- Ⓛ Has a graduated swivel vise, flat block, and V-block to hold cylindrical objects. Vise capacity, 2-in. Vertical feed, 1 3/4 in. Graduated angular swivel. Shipping weight, 8 lbs. 8 oz. 9 PT 2057.....\$12.45

POWER TOOL . . . 25

MASTER CRAFTSMAN LATHES

\$89⁵⁰

99 PTM 2065F



SPECIFICATIONS

Over-all Height	19½ in.
Over-all Width	25½ in.
Over-all Length	45 in. (42-in. bed)
Swing Over Bed	12¼ in.
Swing Over Carriage	8¾ in.
Main Spindle Bearings	2; babbitt
Countershaft and Back Gear Bearings	4; oilite bronze
Spindle	Nose Taper
	Hole
Tailstock Taper	No. 2 Morse
Back Gear Ratio	About 6 to 1
Lead Screw	¾ in.; 8 Acme threads per in.
Feeds	5; .0024;
	.0035; .005;
	.0071; .0087
Thread Range	4 to 96; R.H. or L.H. (Std.)
	Also metric .5 to 7.0 M.M.
Tailstock Ram Travel	2½ in.
Cross Slide Travel	6 in.
Compound Rest Travel	2½ in.
Tailstock Set Over	¾ in.
Speeds	16; 28 to 2072
Motor	½ or ½-H.P. 1750 R.P.M.
Countershaft Pulley Supplied	2-step, 9¼ in. and 7½ diam.
Motor Pulley Supplied	2-step; 4½ and 2-in. diam.
Recommended Mounting	99PTM2786 or 99PTM2787
Mounting Dimensions	6¼x35¼ in. (for 42-in. bed)

12-INCH SCREW CUTTING METAL LATHES

- Guaranteed accurate to within .001 inch. Precision construction in every detail!
- Semi-steel headstock has high speed line reamed babbitt bearings for long life
- Countershaft is integral part of lathe; a complete unit including motor mounting
- Thread range from 4 to 96 threads per inch, right and left hand (standard)

Built to meet the most exacting demands of master craftsmen! Thousands are in daily use in factories, garages and homes—wherever a truly fine lathe is desired.

Fine precision construction throughout! Careful tests must PROVE it is accurate to within .001 of an inch before it can leave the factory! Has heavily reinforced semi-steel bed with precision-ground ways. Heavy duty ball thrust bearing in headstock coupled with line reamed babbitt bearings insures smooth operation. Semi-steel tailstock has ¾-inch set-over for taper turning; is fitted with center ejector and coordinating ram lock; ram is graduated in 16ths of an inch and has 2½-in. travel. Non-slip V-belt drive has adjustable belt tension and release lever. Husky back gears (approx. 6 to 1 ratio)

may be cut in for slow speeds on heavy cuts. Heavy semi-steel carriage has adjustable gibs for take-up. Cross slide travel, 6 in.; compound rest travel, 2¾ in. Threading dial supplied as standard equipment. Cuts metric as well as standard threads. Compound rest swivels and locks at any angle and is graduated in one-degree divisions from 0 to 180 degrees. Reverse gear is controlled by lever at left of headstock.

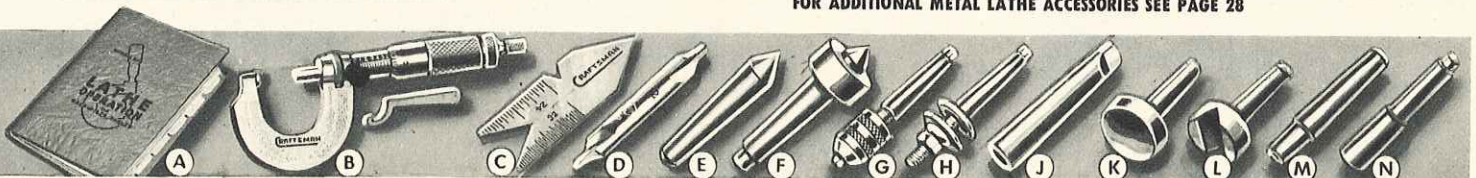
Headstock is equipped with indexing device so work may be evenly divided or fluted. Back gears (which are included) give a wide range of 16 speeds. Complete with 234 page "Manual of Lathe Operation," threading gears, threading dial, V-belts, pulleys, wrenches, etc. Without motor. 99PTM2067 shipped from stock; others shipped from factory in southern Michigan.

MASTER CRAFTSMAN 16-speed, 12-inch screw cutting lathes equipped with back gears.

Easy Terms!
ON ORDERS OF \$10 OR MORE
SEE INSIDE FRONT COVER

Catalog No.	Bed Length	Cap. Between Centers	Shpg. Wt.	Less Motor
99 PTM 2065F	36 in.	18 inches	245 lbs.	\$89.50
99 PTM 2067	STANDARD	24 inches	255 lbs.	95.00
99 PTM 2069F	48 in.	30 inches	270 lbs.	102.50
99 PTM 2071F	54 in.	36 inches	275 lbs.	110.00

FOR ADDITIONAL METAL LATHE ACCESSORIES SEE PAGE 28



Workshop Manual

Learn how to get the most out of your lathe. 234 pages of sound, practical, easy-to-follow instructions. Fully illustrated with photographs and drawings. Shipping weight, 1 pound.
9 PT 2925..... 98c

Micrometer

CRAFTSMAN. Made in U.S.A. to highest standards of accuracy. Graduated by 1/1000 of an inch. Lock nut, adjustable anvil; decimal equivalents on frame. Shipping weight, 8 ounces.
9 PT 4069
0 to 1 in..... \$7.75

Center Gauge

For checking lathe centers and setting threading tool. Shipping wt., 1 oz.
9 PT 4064..... 40c

Center Drill

¾ or ½-in. State size. Countersink. Shpg. wt., 1 oz.
9 PT 2061..... 25c

No. 2 Morse Taper Centers and Arbors

9 PT 2111—60-Degree Center. Shipping weight, 7 ounces..... 65c
9 PT 2113—Precision Ball Bearing, 60-Degree Center. Shpg. wt., 8 oz..... \$1.95
9 PT 2125—Arbor and ½-in. Chuck. Shpg. wt., 1 lb. 8 oz..... 1.19
9 PT 2163—Arbor. Shipping weight, 13 ounces..... 85c
9 PT 2161—Adapter Sleeve. To change from No. 2 to No. 1 Morse taper. Shipping weight, 5 ounces..... 59c

Lathe Accessories

9 PT 2187—Drill Pad. Shpg. wt., 1 lb. 2 oz..... 98c
9 PT 2114—Crotch Center. For centering round work for tailstock drilling. Shpg. wt., 1 lb..... 98c
9 PT 2124—Arbor. For Jacobs' drill chuck. Shpg. wt., 7 oz..... 75c
9 PT 2126—Chuck Arbor. For use with center rest chuck or spindle nose chuck. Shipping weight, 10 ounces..... 80c

MASTER CRAFTSMAN DE LUXE

\$119⁰⁰

99 PTM 2073F



GUARANTEED ACCURATE TO .001 INCH

This is by far the finest lathe we have ever sold! Precision built! Super quality in every detail, with features usually considered special equipment! Has ALL the fine features of our famous MASTER CRAFTSMAN 16-speed lathes shown on the opposite page—PLUS many important improvements and refinements of design which you can't match anywhere in this price range! For example, it has famous TIMKEN tapered roller bearings to assure the very finest performance, even at high spindle speeds. These aren't just standard TIMKEN bearings, but are specially selected—the same type as used in large machine tools selling for thousands of dollars! They're actually the finest bearings known for metal-cutting lathes!

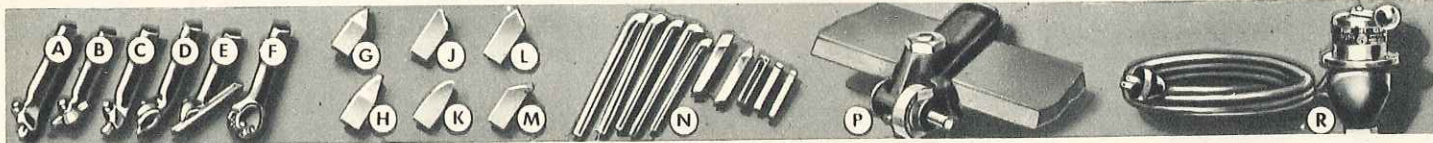
Easy Terms!
ON ORDERS OF \$10 OR MORE
SEE INSIDE FRONT COVER

This lathe is regularly equipped with a reversible power cross feed—just pull the knob and do your facing work much more accurately—automatically! Belt-guards completely cover headstock and motor drive pulleys, to meet safety code regulations; easily opened to change speeds. Complete as shown, with belt guards, selected Timken bearings, power cross feed and all equipment supplied on standard MASTER CRAFTSMAN lathes. Without motor. 99PTM2075 shipped from stock; others from southern Michigan.

Catalog No.	Bed Length	Between Centers	Shpg. Wt.	Less Motor
99PTM 2073F	36 in.	18 inches	265 lbs.	\$119.00
	STANDARD			\$129.00
99PTM 2075	42 in.	24 inches	270 lbs.	\$139.00
99PTM 2077F	48 in.	30 inches	285 lbs.	\$149.00
99PTM 2079F	54 in.	36 inches	290 lbs.	

SPECIFICATIONS

Over-all Height	20 in.
Over-all Width	25½ in.
Over-all Length	45 in. (42-in. bed)
Swing Over Bed	12¼ in.
Swing Over Carriage	8½ in.
Spindle Bearings	2; Timken roller
Cross Feed	Reversible; power feed
Belt Guards	Fully cover all belts.
Thread Range	4 to 96
Speeds	16; 28 to 2072
Motor	¾ or ½-H.P.; 1750 R.P.M. 99PT01955 or 99PT05584
Recommended Mounting	99PTM2786 or 99PTM2787
Mounting Dimensions	6¼x35¾ in. (for 42-in. bed)
Other dimensions	See table on Page 26.



Tool Holders

Steel forgings, carefully finished. For ¼-in. tool bits. Shanks are ⅜ inch high; ⅜ inch wide. Shipping weight, each, 2 lbs.

- (A) 9 PT 2192—Offset, right... \$1.10
- (B) 9 PT 2194—Offset, left... \$1.10
- (C) 9 PT 2196—Straight... 1.10
- (D) 9 PT 2198—Threading... 2.45
- (E) 9 PT 2200—Cut-off... 1.45
- (F) 9 PT 2202—Knurling tool 2.95

6 Formed Tool Bits

¼-in. High speed steel. Fit holders at left. Shipping wt., 8 oz. Set includes:

- (G) Threading bit.
- (H) L.H. facing bit.
- (J) R.H. turning bit.
- (K) Round nose turning bit.
- (L) R.H. facing bit.
- (M) L.H. turning bit.

9 PT 2205—Set of 6. \$1.15

Tool Post Tool Set

(N) Includes set of tool post spacers; 4 boring tools (⅜, ¼, ¼, ⅜-in.); ¼-in. inside threading tool; ⅜-in. turning tool, and ⅜-in. threading tool. Shpg. wt., 2 lbs.

9 PT 2189... \$4.35

Micrometer Carriage Stop

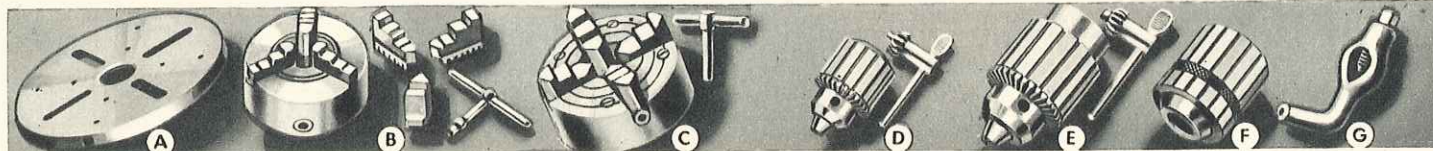
(P) Handy for boring or facing to a given depth; cutting off at a given point; duplicating longitudinal cuts; and laying out work on a cylindrical surface. Clamps on front bed way. An aid to better work. Shipping weight, 1 pound.

9 PT 2186... \$3.25

Reversing Switch

(R) Drum type switch. Essential for grinding and tapping, all types of fine metal and wood finishing. By reversing motor permits changing direction of rotation of lathe spindle. (Not for repulsion-induction motors.) Durable contacts for long life. With cord and plug. Shpg. wt., 5 lbs.

9 PT 2983... \$3.95



Face Plates

(A) For any lathe with 1½-inch, 8-thread spindle as in the lathes on these two pages.

- 9 PT 2097—3½-inch. Shipping wt., 2 lbs. \$1.25
- 9 PT 2098—6-in. Shpg. wt., 3 lbs. \$1.65
- 9 PT 2087—8½-inch. Shpg. wt., 6 lbs. \$3.50

Scroll Chuck

(B) 5-inch, 3-jaw, self-centering chuck. For centering round or hexagonal work. All jaws are moved by turning one screw. Fits 1½-inch 8-thread spindle as on lathes on these two pages. Supplied with two sets of jaws (inside and outside). Shpg. wt., 6 lbs. 11 oz.

9 PT 2150... \$17.95

Independent Chucks

(C) The toolmaker's choice for precision work. Four reversible jaws, hardened and tempered. For 1½-inch 8-thread spindle such as on lathes on these two pages.

- 9 PT 2139—6-in. Shpg. wt., 8 lbs. 12 oz. \$9.65
- 99 PT 02141—Heavy duty. 8-inch. Shipping weight, 22 pounds. \$15.75

Jacobs' ½-in. Chuck

(D) When fitted with arbor 9 PT 2124 (on opposite page), it may be used either in lathe head or tailstock for holding drill bits. Shipping weight, 2 pounds.

- 9 PT 2142 ¼ to ½-inch. \$5.25
- 9 PT 2143—0 to ½-inch. \$6.45

Jacobs' Chucks

(E) Spindle nose. Hollow; capacity ⅜ to ⅝-inch. Used on tail-stock of lathe with adapter 9 PT 2126 (Page 26.) Shpg. wt., 4 lbs. \$11.50

- 9 PT 2144... \$7.75
- (F) Center rest. Use in tail-stock to hold centerless armatures on 9PT2126 adapter. Shpg. wt., 3 lbs.
- 9 PT 2991... \$7.75

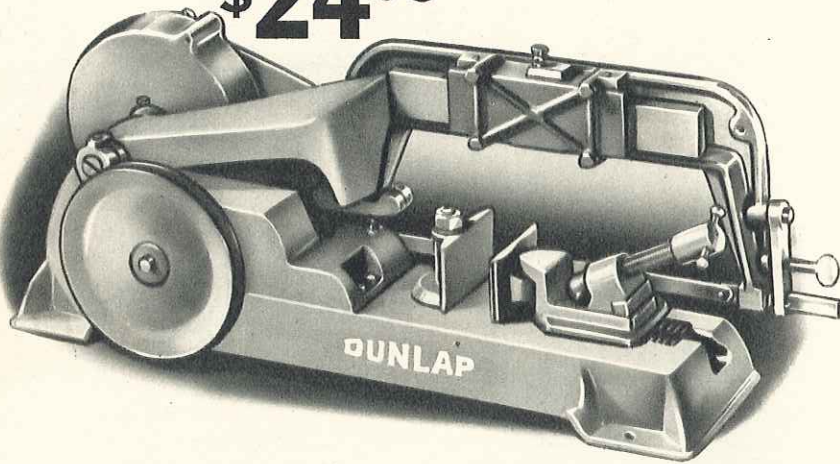
Lathe Dogs

(G) Drop forged. Hold work firmly. Heat treated set screws. Be sure to state size.

Size	Shpg. Wt.	Price
½ in.	1 lb.	50c
¾ in.	1 lb.	65c
1 in.	1 lb.	65c
1½ in.	1 lb.	75c

DUNLAP AUTOMATIC POWER HACK SAW

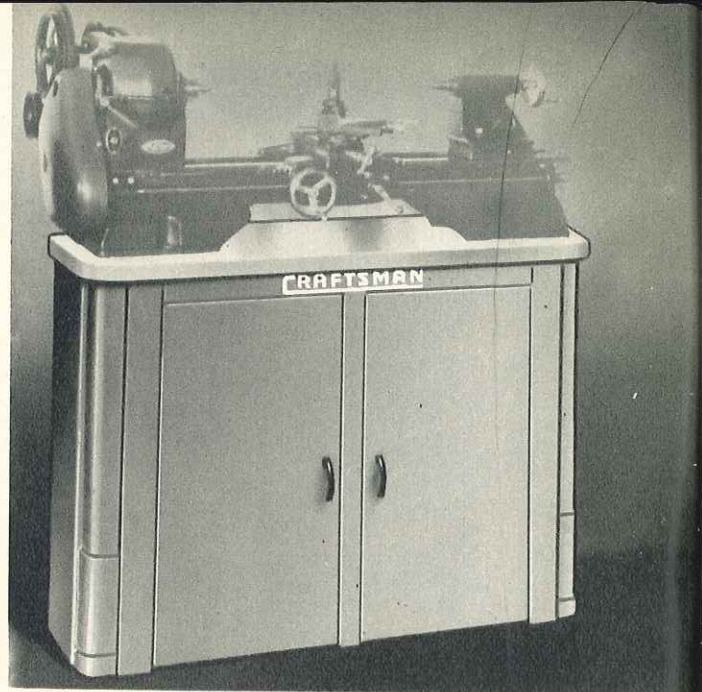
\$24⁹⁵



HEAVY DUTY—BUILT FOR YEARS OF SERVICE

Here's a machine that takes all the hard work out of a tough job. What a work-saver it is! You can do another job while it finishes the cut alone! Built for years of dependable service. It's a draw cut machine with an automatic relieving mechanism. The blade lifts from the work on the return stroke, thus increasing blade life and efficiency. Takes material up to 4x4 in. Finest quality extra large bronze bearings. Cuts any angle from 90 to 45 degrees. Takes any standard 12-in. power hack saw blade. Mounting dimensions, 5 1/4 x 19 3/8 in. Over-all length, 29 1/2 in.

99 PTM 2294—Shipping weight, 80 pounds.....\$24.95
9 PT 6580—CRAFTSMAN 12-inch Power Blades. 14 teeth to the inch. 5/8 in. wide. .032 in. thick. Shipping weight, 1 pound 2 ounces. Dozen.....95c



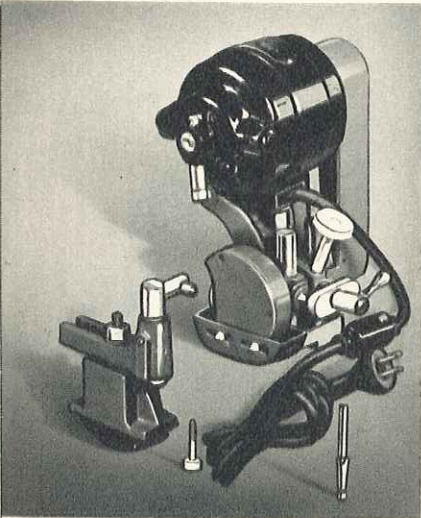
CRAFTSMAN STREAMLINED LATHE CABINET

\$18⁹⁵

45-inch

To get the most accurate work out of your lathe it must be mounted perfectly level on a rigid base. This cabinet provides the mounting and also provides space for your tools. Beautifully streamlined! Fully enclosed! Welded steel construction. Has a heavy, smoothly finished mounting board on top. Two large doors with piano type hinges and snap catch locks. Large steel shelf furnishes a convenient storing place for chucks, change gears, tools, etc. Height, 32 1/4 inches. Width, 14 inches. Choice of 45 or 57-inch length.

99 PTM 2786—45-inch length. For lathes with beds up to and including 44 inches. Shipping weight, 95 pounds.....\$18.95
99 PTM 2787—57-inch length. For lathes with beds up to and including 54 inches. Shipping weight, 116 pounds.....\$22.95



CRAFTSMAN Metal Lathe Accessories

Universal Tool Post Grinder

Grinds valves and cutters at any angle. Also pistons, bushings, reamers, valve stems, and lathe centers. Undercuts mica. Complete with motor, external and internal grinding wheels, quill for internal grinding, 5 mica undercutting saws and diamond wheel dresser. Universal motor for 110-120-volt D.C. or A.C. 25-60 cycles. Shpg. wt., 23 lbs.

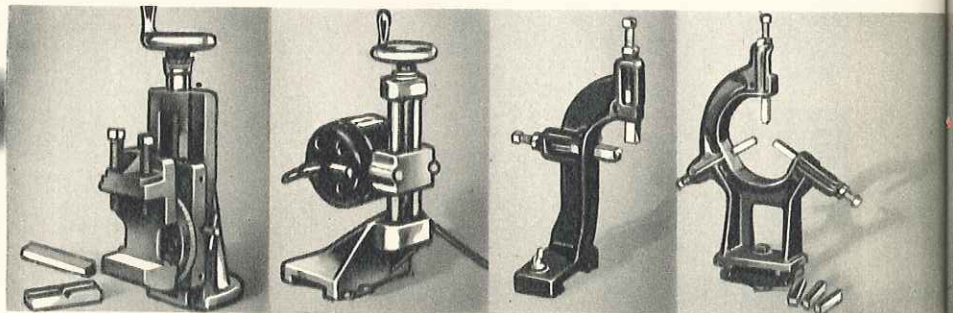
99PT02998...\$44.50

Taper Attachment

An accurate taper attachment at a very moderate price. Easily installed—simple to operate. With this attachment it is not necessary to move the tailstock center out of alignment. Duplicate tapers can be cut accurately on pieces of different lengths. Boring work can be done as easily as external work. Index plate is graduated 7° and 3 in. both sides of center line. Fits old or new model CRAFTSMAN lathes. Shpg. wt., 10 lbs.

9 PT 2984...\$13.95

ON ORDER OF
\$10 OR MORE
SEE INSIDE
FRONT COVER



Milling Attachment

Designed to fit Sears screw cutting lathes on Pages 26 and 27. Has graduated swivel vise, V-block for holding cylindrical objects. Vise capacity, 2 3/8 in. Vertical feed, 2 3/4 in. Micrometer graduated feed screw. Angular swivel accurately graduated in degrees. Shipping weight, 16 pounds.

99 PT 02987.....\$14.95

Mica Undercutter

Fastens to back of carriage; goes into action in a jiffy. May be moved out of way when not in use. Universal motor for 110-120-volt D.C. or A.C. 25-60 cycles. With switch, cord and set of 5 undercutting saws. Shipping weight, 10 pounds.

9 PT 2989...\$18.95

Follower Rest

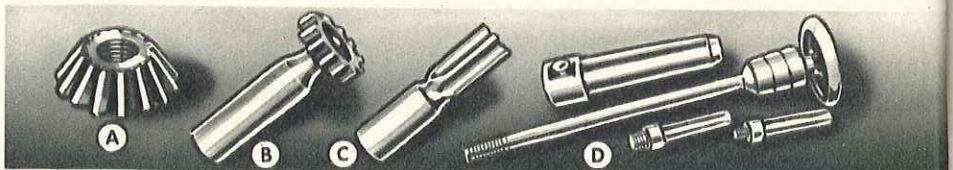
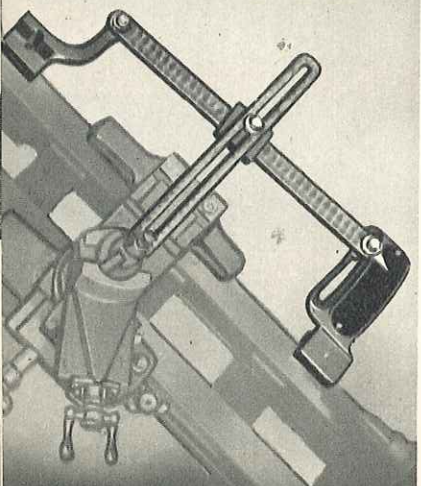
Gives necessary support for jobs requiring a long cut on small diameters. Insures accurate work. Fastens to back of carriage dovetail slide—follows cutting tool. Shipping weight, 4 pounds.

9 PT 2988\$2.75

Steady Rest

Brass jaws give rigid support to insure accuracy in turning, boring and threading long, slender pieces in the lathe. Clamps to bed ways. Capacity up to 2 1/8 inches. Shipping weight, 7 pounds.

9 PT 2050\$4.95



High Speed Steel Milling Cutters

A Angular Type. For face milling or dovetailing. Use with threaded adapters supplied with Holding Collet 9 PT 2994. Shpg. wt., each, 3 oz.

9 PT 2995—State size.

Diam., In.	Thick., In.	Hole, In.	Price
1 1/4	7/8	3/8	\$3.45
1 1/2	1	1/2	3.98

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

Diam., In.	Thick., In.	9 PT 2996
1/2	3/8	\$2.10
3/4	5/8	2.29
1	3/4	2.89
1 1/8	1	3.19
1 1/4	1 1/8	3.59

C R.H. Cut, R.H. Spiral End Mills. Used with 9 PT 2904 and 9 PT 2985. Shpg. wt., each, 3 oz. State size.

Diam., In.	Flute, In.	9 PT 2997
1/4	5/8	\$1.39
3/8	1 1/8	1.49
1/2	1 1/4	1.59
3/4	1 3/8	3.19
1	1 3/4	1.75
1 1/4	1 3/4	2.19

Holding Collet

For threaded-hole angular milling and keyway cutters, and 1/2-in. end mill. Shpg. wt., 3 lbs.

9 PT 2994\$5.25
9 PT 2985—4 bushings for use with 1/4, 3/8, 1/2, 5/8 in. end mills. Shipping wt., 4 oz.....95c

SAVE UP TO 40% ON ELECTRIC DRILLS



\$9.45

\$14.95

\$34.95

DUNLAP UTILITY DRILL

- Equipped with chuck which takes drills up to 1/4 in.
- Rugged and sturdy universal type motor for A.C. or D.C.
- Ball bearing takes up end thrust on drill bit.
- Double reduction gears give drill extra power.

A sturdy, dependable drill for general work around the shop, garage and home. Sturdy, reliable construction. It's light and well balanced—easy to handle—but it packs plenty of power! Runs smoothly. Has well-made double reduction gear train, fully enclosed in head. No-load spindle speed, approximately 1500 R.P.M. Over-all length, 11 1/2 in. For 110-120 volt A.C. or D.C. With handy toggle switch and 8-ft. rubber covered cord and unbreakable plug. It represents the most service and satisfaction ever offered at this price. Shipping weight, 6 pounds 6 ounces.

Easy To Handle!
ON ORDERS OF 100 OR MORE - SEE INSIDE FRONT COVER

9 PT 2575.....\$9.45

CRAFTSMAN 1/4-IN. PISTOL DRILL

- Actually priced to save you over 50%!
- 1/4-in. Jacobs' chuck . . . Double reduction gears.
- Sensational, new, handy, compact design.
- Equipped with powerful universal motor.

To our knowledge, no drill of this type and quality has EVER been sold for less than \$30.00! It's the tremendously popular new small size which is rapidly taking the place of large, unwieldy drills! We tried to stall this drill using a 1/4-inch bit on steel plate, but it just couldn't be done. Easy to handle; weighs only 4 1/4 pounds! Clearance length in line with chuck, only 7 inches! Has two sets of SKF ball bearings together with needle and bronze bearings. No-load speed, 1600 R.P.M. For 110-120-volt A.C. or D.C. With built-in switch, 10-ft. rubber cord and unbreakable plug. Shipping weight, 5 lbs.

9 PT 2577.....\$14.95

CRAFTSMAN HEAVY DUTY DRILL

- Westinghouse heavy duty universal ball bearing motor.
- Reduction gears are heat treated chrome-nickel steel.
- Armature and chuck spindles run on lifetime precision ball bearings sealed in oil.
- Meets exacting A.I.E.E. and N.E.M.A. standards.

Built with plenty of surplus power for the heavy jobs! We guarantee it will not stall when used with the maximum size drill specified below. Has genuine Jacobs' key chuck. The heat treated chrome nickel steel reduction gears actually improve with use. Underwriters' approved double pole automatic releasing switch locks for continuous running. For 110-120 volt A.C. or D.C. 10-ft. 3-wire cord and plug. Overall length, 13 1/2 in.

Catalog No.	Size Drill	No Load Speed	Shpg. Wt.	Price
9 PT 2580	1/4-inch	2,000 R.P.M.	10 lbs.	\$34.95
9 PT 2581	3/8-inch	1,500 R.P.M.	10 lbs.	37.95
9 PT 2582	1/2-inch	1,000 R.P.M.	10 lbs.	39.95



\$32.95

DUNLAP 1/2-INCH DRILL

- Strong General Electric universal motor.
- Double reduction gears are heat-treated chrome-nickel steel—improve with use!
- Self-lubricating oilite bronze spindle bearings.
- Manufactured and tested to exacting A.I.E.E. and N.E.M.A. standards.

A very low price for a 1/2-inch drill! Plenty of power! Ideal for garages and maintenance men. Heat treated alloy steel gears, pinions, motor shaft and chuck spindle give long service. Streamlined aluminum alloy housing. Equipped with 1/2-inch capacity Jacobs' key chuck. Ball thrust bearing on spindle to take up end thrust. Underwriters' approved, fully enclosed, double-pole automatic releasing switch; locks for continuous running if desired. The General Electric universal motor operates on 110-120 volts A.C. or D.C. Over-all length, 16 inches. No-load spindle speed, 400 R.P.M. Complete with 10-foot 3-wire rubber cord and unbreakable plug. Shipping weight, 15 pounds.

99 PT 02584.....\$32.95



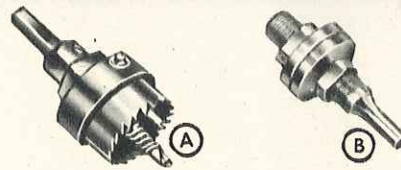
\$48.95

CRAFTSMAN EXTRA HEAVY DUTY

- Famous Westinghouse extra heavy duty universal ball bearing motor.
- Spindles run on lifetime precision ball bearings sealed in oil.
- Triple reduction gears are heat treated chrome-nickel steel—improve with use!
- Equipped with genuine Jacobs' key chuck.
- Manufactured and tested to exacting A.I.E.E. and N.E.M.A. standards.

Our finest drill! Built for heaviest production work in garages, factories, etc. Guaranteed not to stall on any job with the largest drill size specified! Armature shaft runs on oil sealed ball bearings. Genuine Jacobs' key chuck. Underwriters' approved, fully enclosed double-pole automatic-releasing switch; locks for continuous running. For 110-120-volt A.C. or D.C. With 10-foot 3-wire rubber cord and unbreakable plug.

Catalog No.	Size Drill	No Load Speed	Shpg. Wt.	Price
99 PT 02585	1/2-inch	750 R.P.M.	27 lbs.	\$48.95
99 PT 02586	3/4-inch	525 R.P.M.	30 lbs.	52.95
99 PT 02587	1-inch	475 R.P.M.	31 lbs.	57.90



CIRCULAR HOLE SAW FOR ELECTRIC DRILLS

(A) Finest heat treated high speed steel. Cuts clean, round holes in wood or metal. Depth of cut, 1/8 in. Use 1/2-inch drill or larger. With mandrel. State size.

Size, in.	3/8	1	1 1/4	1 1/2	2	2 1/2
Shpg. wt.	8 oz.	9 oz.	14 oz.	15 oz.	11b. 4 oz.	11b. 6 oz.
9 PT 2698..	\$2.35	\$2.35	\$2.35	\$2.35	\$2.50	\$2.98

Saw Blade Only for Circular Hole Saw

Size, in.	3/8	1	1 1/4	1 1/2	2	2 1/2
Shpg. wt.	5 oz.	6 oz.	8 oz.	9 oz.	12 oz.	15 oz.
9 PT 2697..	65c	65c	65c	65c	95c	\$1.35

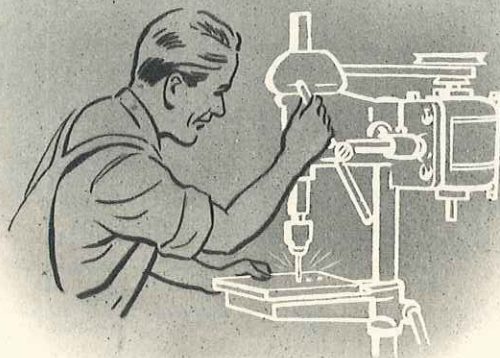
GRINDING ARBOR FOR ELECTRIC DRILLS

(B) 1/2-in. shank. Do not use with wheels larger than 4 in. Be sure to use grinding goggles on this kind of work.

9 PT 2593—Shipping weight, 6 ounces.....45c

DUNLAP DRILL PRESS

UNMATCHED ANYWHERE
IN THIS PRICE RANGE



- Drills to the center of a 12-inch circle
- Ball thrust bearing assures smooth operation.
- Equipped with long-life bronze spindle bearings
- Has 1/2-inch capacity 3-jaw self-centering chuck

Don't be misled by the price of this **DUNLAP** Drill Press! It has the same rugged quality—the same fine features—the same smooth operation you'd expect to find only in drill presses selling at MUCH higher prices!

Capable of handling mortising, carving, routing, and occasional shaping jobs as well as drilling, with the proper attachments (shown on Page 35). Uses standard mortising housing. Range of 9 speeds allows efficient work to be done on either metal or wood. Ground steel spindle runs in bronze bearings and is cushioned against thrust by ball thrust bearing. Accurately ground table has diagonal slots to simplify adjusting attachments. Base serves as an auxiliary table. Steel quill is graduated 3 inches in 1/16-inch divisions. Spindle has stop collar for drilling a series of holes to the same depth. "Feather-touch" clamp locks head to column.

- 99 PTM 2378**—Complete with V-belt, 4-step motor pulley, and 1/2-in. 3-jaw chuck. Less motor. With motor bracket. Shpg. wt., 65 lbs. \$14.95
- 99 PTM 2373**—Same as above, but with 1/2-H.P. 110-volt 60-cycle ball bearing motor 99 PT 05620 on Page 42. Shipping weight, 102 pounds. \$24.45
- 99 PTM 2369**—Same as 99 PTM 2378, but with 1/8 to 1/2-inch Jacobs' chuck on tapered spindle. Without motor. Shipping weight, 66 pounds. \$18.95

Multi-Speed Attachment

For use with the above drills. Permits a much wider speed range. Insures the right speed for every job. Shipping weight, 5 pounds.

9 PT 2395 \$4.95

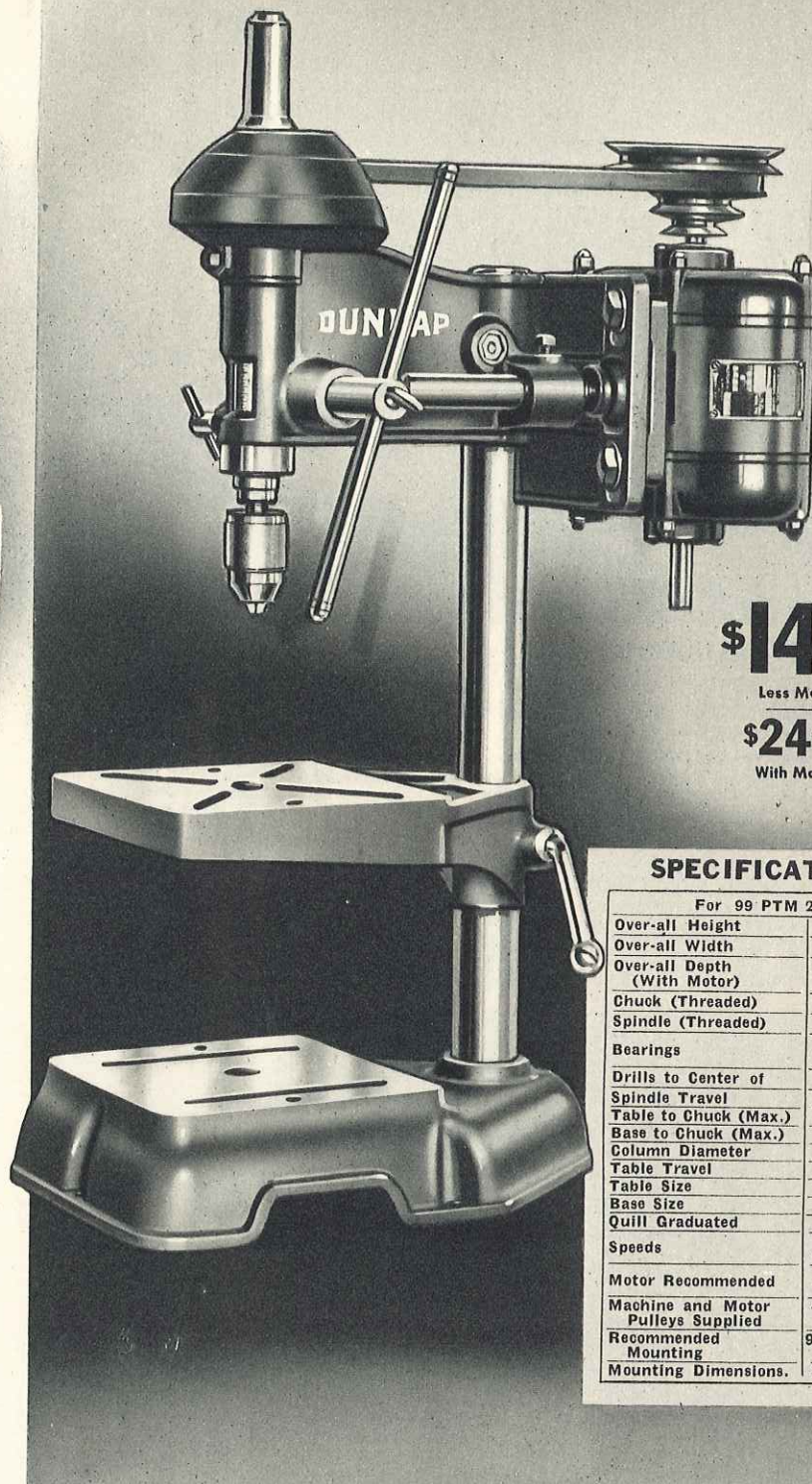
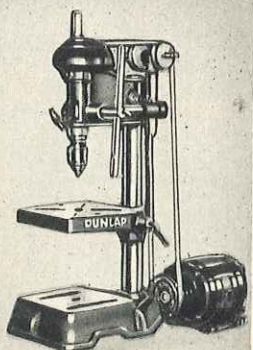
DUNLAP Drill Press With Idler Drive

DUNLAP 99 PTM 2378 drill press described above, but equipped with idler drive instead of motor bracket. The idler drive makes it possible to drive the drill press from a line shaft or jack shaft instead of using an individual motor. The idler drive assembly includes V-belt, idler pulleys, idler shaft and support. Shipping weight, 62 pounds.

99 PTM 2364 \$16.45

9 PT 2371—Belt and complete idler assembly only. (No credit for return of old motor bracket). Shipping weight, 7 pounds \$3.60

30 . . . SEARS-ROEBUCK



\$14⁹⁵

Less Motor

\$24⁴⁵

With Motor

SPECIFICATIONS

For 99 PTM 2378	
Over-all Height	30 3/8 in.
Over-all Width	9 3/4 in.
Over-all Depth (With Motor)	24 in.
Chuck (Threaded)	1/2 in.
Spindle (Threaded)	6-splined
Bearings	3 bronze; 1 ball thrust
Drills to Center of	12-in. circle
Spindle Travel	3-in.
Table to Chuck (Max.)	8 3/4 in.
Base to Chuck (Max.)	11 3/4 in.
Column Diameter	1 5/8 in.
Table Travel	8 3/4 in.
Table Size	7 1/2 x 7 1/2 in.
Base Size	7 1/2 x 7 5/8 in.
Quill Graduated	0 to 3 in.
Speeds	9; 750 to 4000 R.P.M.
Motor Recommended	1/2-H.P., 1750 R.P.M.
Machine and Motor Pulleys Supplied	4-step, 4-in.
Recommended Mounting	99 PTM 2790, metal stand
Mounting Dimensions.	7 3/4 x 13 1/8 in.

DUNLAP 3/8-inch Drill Press

- Drills to the center of an 8-inch circle
- High grade auto-lubricating bronze bearings
- Ball thrust bearing in head absorbs spindle thrust to assure smooth, accurate operation
- Sensitive hand lever feed—spring loaded
- Equipped with quick-adjusting idler pulleys

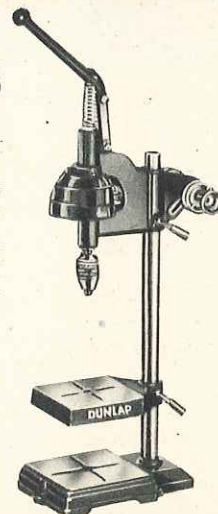
\$6⁹⁵

We honestly believe you can't match this drill press elsewhere at anywhere near this price! It's a small utility drill built with same rugged column construction as our bigger and higher priced drills.

Easily handles both metal and wood. The auto-lubricating bronze bearings insure smooth operation and long life. Has adjustable drill head and table. 3-speed, 3-inch cone drive pulley on spindle is covered by safety-guard. Has 5-inch square table to give firm support to work. Husky 6 1/2 x 10-inch square base.

Full 3/4-inch spindle is reduced to 1/2-inch at chuck. Sturdy column is ground steel, 1 inch in diameter, 21 inches long. Accurately machined chuck takes drills up to 3/8-inch. 1 5/8-inch spindle travel. Complete with adjustable idler drive and spring loaded feed lever. Over-all height, 30 in.; width, 6 3/4 in.; depth, 13 1/4 in.

99 PT 02363—Shipping weight, 20 pounds. \$6.95



DRILL PRESS

BALL BEARING CONSTRUCTION

- Sears exclusive "floating drive" spindle assembly absorbs all belt pull—eliminates all "whip"
- Three sets of precision ball bearings (one double row); actually four rows of ball bearings!
- Spindle FLOATS FREE, entirely independent of pulley—double bearing takes belt pull for smooth operation
- 5/8-inch six-splined spindle carries 1/2 to 3/4-inch capacity Jacobs' chuck
- Full range of 9 speeds—600 to 5200 R.P.M.
- Drills to the center of a 12 3/4-inch circle.

Here's an outstanding example of the great values Sears offer in the power tool field! This drill incorporates all the basic features of fine drill press design. Be sure that your drill press has these two very important features—(1) ball bearing construction, and (2) a genuine Jacobs' chuck mounted on a tapered spindle! In addition, this **CRAFTSMAN** drill press has the famous **CRAFTSMAN** "floating drive" spindle assembly!

Sears "floating drive" removes drill press vibration, which sometimes occurs at high speeds, by eliminating the side-pull of the belt on the spindle. In Sears drive, the pulley is mounted on a long steel sleeve which is in turn mounted on a double row ball bearing accurately fitted into the drill head. Mounted independently of the spindle, the pulley transmits no side pull to it! This basic **CRAFTSMAN** improvement produces drill presses that stand out because of their smooth, efficient performance—even at high speeds!

Five Machines in One!

The **CRAFTSMAN** drill press is really five machines in one! With the proper attachments (shown on Pages 34-35) you can easily convert this drill press into an efficient spindle shaper—or use it for mortising, routing, sanding and dovetailing with equally fine results. This will enable the amateur to turn out work stamped with the true professional touch... beautiful mortise joints... snug-fitting dovetailed joints... clear-cut relief carving... fine inlay work.

The **CRAFTSMAN** drill handles either metal or wood. Smooth, uniform feeding is assured by the heavy, ground steel quill with integral, accurately cut teeth. "Feather-touch" quill lock. Improved table with diagonal slots can be tilted to any angle. The heavy base is machined to serve as an auxiliary table; it is slotted for attachments. A quickly adjustable stop gauge indicates at all times the depth of holes being drilled and has stop for repetitive drilling.

99 PTM 2380—CRAFTSMAN Drill Press without motor. With Jacobs' chuck and key, V-belt and motor pulley. Shpg. wt., 85 lbs. **\$29.50**

99 PTM 2385—Same as above, but with 1/8-H.P. ball bearing double shaft motor, 99 PT 01955, described on Page 42. Shpg. wt., 112 lbs... **\$41.00**

SPECIFICATIONS

Over-all Height	35 3/4 in.
Over-all Width	11 1/4 in.
Over-all Depth (With Motor)	24 in.
Jacobs' Chuck	1/2 to 3/4 in.
Spindle (Tapered)	6-spline
Bearings	3 ball (one double row.)
Drills to Center of	12 3/4 in. circle
Spindle Travel	3 in.
Table to Chuck (Max.)	9 3/8 in.
Base to Chuck (Max.)	13 1/2 in.
Column Diameter	2 1/4 in.
Table Travel	9 3/8 in.
Table Size	8 x 9 in.
Base Size	8 x 9 in.
Depth Gauge Graduated	0 to 4 in.; 1/16-in. div.
Speeds	9: 600 to 5200 R.P.M. 1/2 or 1/2-H.P., 1750 R.P.M. Condenser
Motor Recommended	
Machine and Motor Pulleys Supplied	4-step, 5-in.
Recommended Mounting	99 PTM2790, metal stand
Mounting Dimensions	9 1/4 x 14 1/4 in.

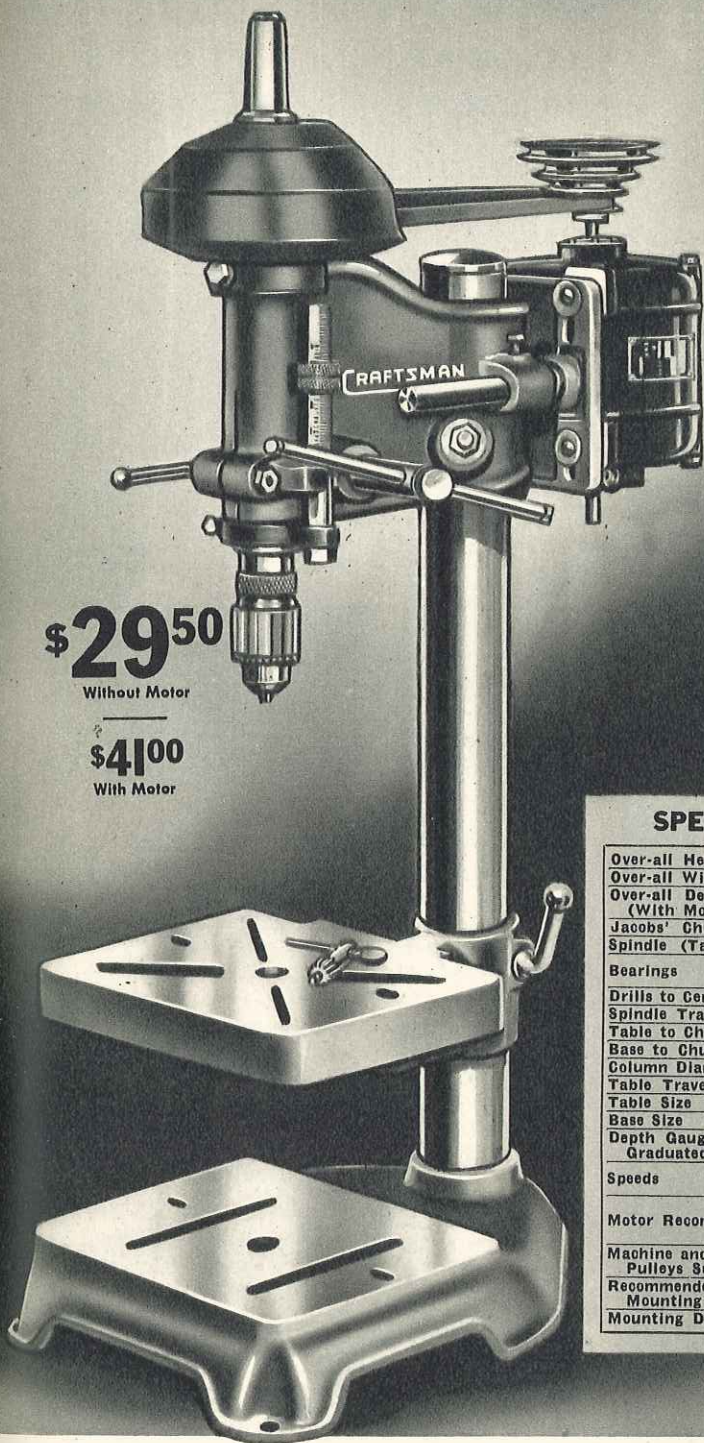
Easy Term! ON ORDERS OF \$10 OR MORE SEE INSIDE FRONT COVER

\$29⁵⁰

Without Motor

\$41⁰⁰

With Motor



CRAFTSMAN Twist Drills and Twist Drill Sets

Finest quality! Properly tempered, accurately ground. Use carbon steel for slow speed drilling; high speed for electric drills and drill presses. When ordering individual drills be sure to state size.

Diameter, inch.....	1/16	3/64	1/8	5/64	3/32	1/4	5/16	3/8
Shipping weight.....	1 oz.	1 oz.	1 oz.	1 oz.	1 oz.	1 oz.	1 oz.	1 oz.
9 PT 6698—Carbon Steel.....	8c	9c	9c	9c	10c	10c	10c	10c
9 PT 6699—High Speed Steel.....	16c	17c	19c	20c	21c	22c	23c	23c
Diameter, inch.....	3/16	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
Shipping weight.....	1 oz.	1 oz.	2 oz.	2 oz.	3 oz.	4 oz.	5 oz.	5 oz.
9 PT 6685—Carbon Steel.....	11c	14c	16c	23c	30c	43c	60c	60c
9 PT 6686—High Speed Steel.....	27c	33c	40c	55c	75c	.....	.....	.....

Twist Drill Sets. Handy container included. Sets include 1/16, 1/8, 3/16, 1/4, 5/16, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198, 200, 202, 204, 206, 208, 210, 212, 214, 216, 218, 220, 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 252, 254, 256, 258, 260, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, 284, 286, 288, 290, 292, 294, 296, 298, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 354, 356, 358, 360, 362, 364, 366, 368, 370, 372, 374, 376, 378, 380, 382, 384, 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CRAFTSMAN HEAVY DUTY

EXCLUSIVE FLOATING DRIVE
FOR SMOOTHER OPERATION

SPECIFICATIONS

	99PTM2407	99PTM2392
Over-all Height	39 1/2 in.	71 in.
Over-all Width	12 1/2 in.	17 1/2 in.
Over-all Depth (With motor)	26 in.	26 in.
Chuck	Jacobs'; 0 to 1/2 in.	Jacobs'; 0 to 1/2 in.
Spindle (Tapered)	6-spline	6-spline
Bearings	4; ball	4; ball
Drills to Center of	15-in. circle	15-in. circle
Spindle Travel	4 in.	4 in.
Table to Chuck (Maximum)	11 in.	41 in.
Base to Chuck (Maximum)	16 in.	47 in.
Column Diameter (Outside)	2 3/4 in.	2 3/4 in.
Table Travel	11 in.	41 in.
Table Size	10 x 10 in. (Ground finish)	10 x 10 in. (Ground finish)
Base Size	10 x 10 in. (Ground finish)	17 1/2 x 24 in. (Slotted but not ground)
Depth Gauge Graduated	0 to 4 inches in 1/10-in. divisions.	0 to 4 inches in 1/16-in. divisions.
Speeds	9; 600 to 5200 R.P.M.	9; 600 to 5200 R.P.M.
Motor	1/2 or 1/2-H.P. 1750 R.P.M. Condenser	1/2 or 1/2-H.P. 1750 R.P.M. Condenser
Machine Pulley Supplied	4-step; 5-in.	4-step, 5-in.
Motor Pulley Supplied	4-step; 5-in.	4-step, 5-in.
Mounting Dimensions (From center of holes in base)	10 1/4 x 17 in.	10 1/4 x 17 in.

BENCH MODEL

Exactly the same fine features . . . the same rugged, heavy duty construction . . . the same sensational "Floating Drive" as in the **CRAFTSMAN** floor type drill press on the opposite page—but in a bench type model. It's by far our finest bench type drill press!

The "Floating Drive" construction is a basic improvement that produces in the **CRAFTSMAN** heavy duty drill presses the finest, smoothest, most accurate operation it is possible to obtain. The drive pulley is mounted on a heavy tubular steel spindle which is supported on two sets of heavy duty deep-row precision ball bearings in the drill head—*entirely independent from the spindle*. This unit absorbs all the side pull from the belt and transmits *only* a turning force to the spindle. The spindle itself is also mounted on two sets of heavy duty deep-row precision ball bearings within the quill, as shown in the small illustration on opposite page. Be sure the drill press you buy has this feature!

99 PTM 2407—**CRAFTSMAN** Heavy Duty Bench Model Drill Press with motor pulley, belt, and 0 to 1/2-in. Jacobs' chuck. Less motor. Shpg. wt., 115 lbs. \$37.50

99 PTM 2388—As above, complete with 1/2-H. P. 110-120 volt, 60-cycle A.C. condenser motor, 99 PT 01955, Page 42. Shipping weight, 147 pounds. . . . \$48.95

Easy Terms!
ON ORDERS OF
10 OR MORE
SEE INSIDE
FRONT COVER

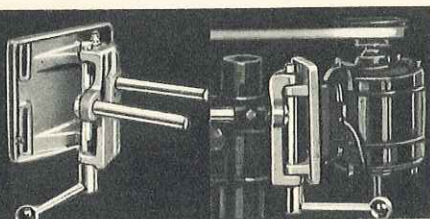


\$37⁵⁰

Without Motor

\$48⁹⁵

With Motor

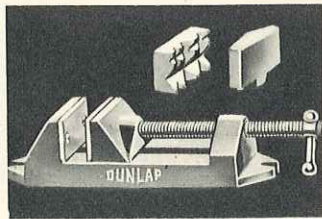


Belt Tension Release

Replaces regular motor base. Enables entire motor to swing on pivot towards head, thus relieving belt tension. Single lever control. Makes it easy to release belt tension when necessary to change speeds. Shipping weight 12 pounds.

9 PT 2366—Belt release for 99 PTM 2380 (Page 31), 99 PTM 2407 (above), and 99 PTM 2392 (on opposite page) drill presses. less belt. . . . \$3.45

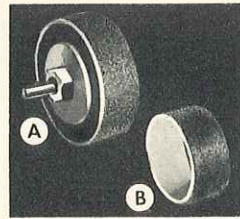
9 PT 2757—1/2-inch by 45-inch V belt for use of belt release with any of above mentioned drill presses. Shipping wt., 7 oz. 45c



DUNLAP Drill Vise

Insure accuracy with this vise by holding the work firmly in position while it is being drilled or worked on. Makes working with small pieces more convenient. Oxidized, non-rusting finish. Accurately cut screw with knurled end for fast action and bar for locking. 2 3/8-inch jaws open 3 in. Over-all length, 10 1/2 inches. Complete with 2 extra jaws, one for round or irregular work and swivel jaw for tapered pieces. Very fine quality in every detail. Shipping weight, 4 pounds.

9 PT 2436. \$1.95



Sanding Drum

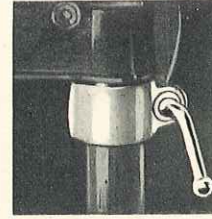
A Has 3/16-in. shaft. Use in collet chuck. 1 in. wide. **State diameter wanted.**
9 PT 2439—Shpg. wt., 4 oz.
1 1/2-in. diameter. 39c
2 1/8-in. diameter. 69c
3 1/8-in. diameter. 95c

B **Replacement Sanding Sleeves.** Fine or coarse. Package of 6. **State grit and diameter wanted.**
9 PT 2442—Shpg. wt., 3 oz.
1 1/2-in. diameter. 6 for. . . 39c
2 1/8-in. diameter. 6 for. . . 39c
3 -in. diameter. 6 for. . . 49c



Tapered Adapter

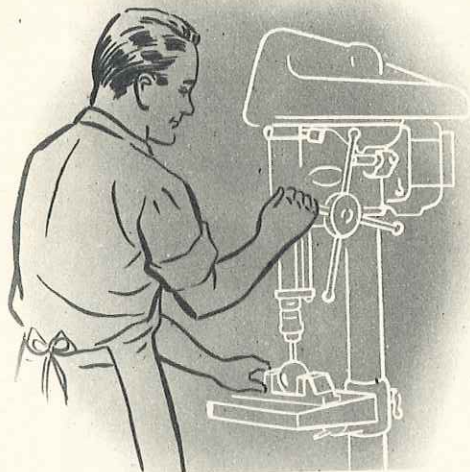
Enables you to fit a taper shank drill to a taper spindle. Fits on any of our tapered spindle drills and is locked firmly into position by knurled ring. Takes No. 2 Morse taper shank drills. Very accurately machined and finished. Shipping weight, 8 ounces.
9 PT 2445. 95c



Drill Press Collar

This collar is designed for drill presses on Pages 32 and 33 or any drill with a 2 3/4-inch column. Locks on column under head. Supports the head when clamp is released. Makes it easy to swing the head around for working at different points over the table. A very handy accessory. Shipping weight, 4 pounds 8 ounces.
9 PT 2429. 95c

DRILL PRESSES



FLOOR MODEL

- Sears exclusive "Floating Drive" spindle assembly insures smoothest possible performance.
- Equipped with 4 sets of precision ball bearings.
- 5/8-inch 6-splined automotive type spindle.
- Equipped with 0 to 1/2-inch Jacobs' key chuck.
- Drills to the center of a 15-inch circle.

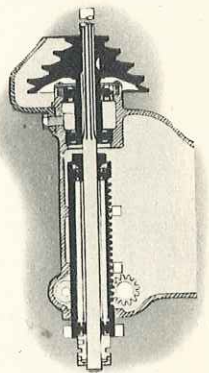
On these two pages you will find Sears finest drill presses—marvels of precision construction and smooth, vibrationless performance! Hundreds are now in use in large industrial plants! No finer power tool engineering on the market today!

Notice that this husky floor type model is practically 6 feet high! Has Sears great "Floating Drive" spindle assembly to assure finest possible drill press performance (see opposite page for description). Handles shaping, mortising, routing, sanding and dovetailing with proper attachments (shown on Page 35). Handles either metal or wood. Table may be tilted to any angle. Accurate depth gauge is graduated for entire 4-in. feed range in 1/16-in. divisions. Spring tension on chuck return has ratchet adjustment for different types of work such as with large or small drills. The tempered steel spring is almost twice as large as those usually used!

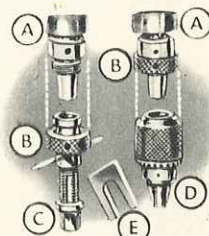
- 99 PTM 2392—CRAFTSMAN Heavy Duty Floor Type Drill Press with motor pulley, belt, and standard pulley guard as shown on opposite page. Less motor and head lift. Shipping weight, 150 lbs. \$41.50
- 99 PTM 2393—Same as above, but with 99 PT 01956 1/2-H.P. ball bearing 110-120 volt, 60 cycle A.C. motor (Page 42). Shipping weight, 180 lbs. \$56.00
- 99 PTM 2423—Same as 99 PTM 2392, but with head lift and belt and pulley guard as described below. Shipping wt., 185 lbs. \$59.50
- 99 PTM 2424—Same as 99 PTM 2423, but with 99 PT 01956 1/2-H.P. ball bearing motor (Page 42). Shipping weight, 215 lbs. \$73.50

Streamlined Belt and Pulley Guard. Made of aluminum and hinged at the side to make pulleys and belts accessible for speed changes. Required by many safety codes. Fits bench or floor model. 9 PT 2398—Shipping weight, 9 pounds. \$9.50

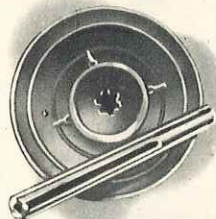
Combination Head and Table Lifting Mechanism. Makes it much easier to raise and lower head or table of these heavy duty drill presses. Has crank, bevel gears, and raising screw. Ball thrust bearing absorbs load from head. For floor model drill press only. 99 PT 02419—Shipping weight, 18 pounds. \$9.50



Cut-away view of Sears exclusive "floating drive." See description on opposite page.



End of spindle (A) is tapered to accommodate Jacobs' chucks, collet chucks, shaping adapters, etc. Wedge (E) may be used to remove chuck (D). The knurled ring (B) must be used to lock shaper adapter (C) or collet chucks in place on spindle.



All Sears drill presses have automotive type 6-splined drive spindles, instead of ordinary keyway drives, for smoother operation. These spindles eliminate excessive back lash or uneven pulling.

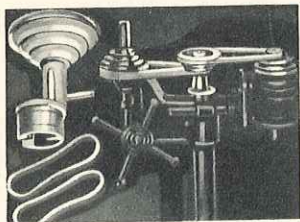


\$41.50

99 PTM 2392
Without Motor

\$56.00

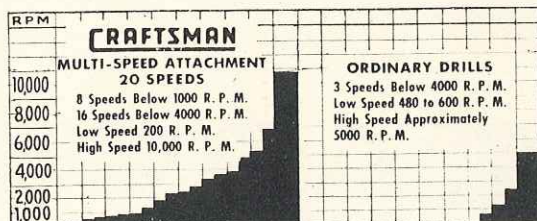
99 PTM 2393
With Motor



Multi-Speed Attachment

The right speed for every job! The chart at right shows how the CRAFTSMAN multi-speed attachment (Pat. No. 2073704) enables you to get the most out of your drill. Finest ball bearing construction, designed so belt tensions are easily adjusted. If used to secure high speeds, we recommend 1/2-H.P. 1750 R.P.M. motor (see Pages 42-43). Fits only on the CRAFTSMAN drill presses listed on Pages 32-33. Shipping weight, 5 pounds.

9 PT 2394. \$5.75



Proper Drill Speed For Every Job

The many uses of CRAFTSMAN drills call for a wide range of speeds. The right speed means better performance and longer cutter life. Our patented multi-speed attachment (illustrated and listed at the left) will convert a 9-speed CRAFTSMAN drill press into a twenty-speed drill. Of these 20 speeds, 8 are from 200 R.P.M. up to 1,000 R.P.M., a complete range for the low speeds required for metal drilling even with 1/2-in. drills. The other speeds are from 1,000 R.P.M. up to 10,000 R.P.M.—offering the correct and most efficient speed for wood drilling, shaping, routing, carving, etc.

With a speed range starting at half the R.P.M. of the ordinary low speed drill up to 10,000 R.P.M., your drill can handle almost any job and can handle it at the proper speed for the cutter being used.

DRILL PRESS ACCESSORIES

DRILL PRESS SHAPING ATTACHMENT

(A) You can convert your drill press into a spindle shaper by inverting the head bracket and motor assembly and mounting the shaping table over it on the drill press table. This new type shaping attachment can also be used with the drill head in its normal position. Large 14 $\frac{1}{2}$ x 18-in. finely finished plywood table, with adjustable guard and guide. Complete with hold-down clips and fittings. Shpg. wt., 17 lbs. **\$7⁹⁵**

99 PT 02430—Complete attachment for drill press. \$7.95
9 PT 2428—Guard and guide only. Shpg. wt., 4 lbs. 12 oz. 2.85
9 PT 2455—Spring clips only. Shpg. wt., 3 lbs. 14 oz. 1.60

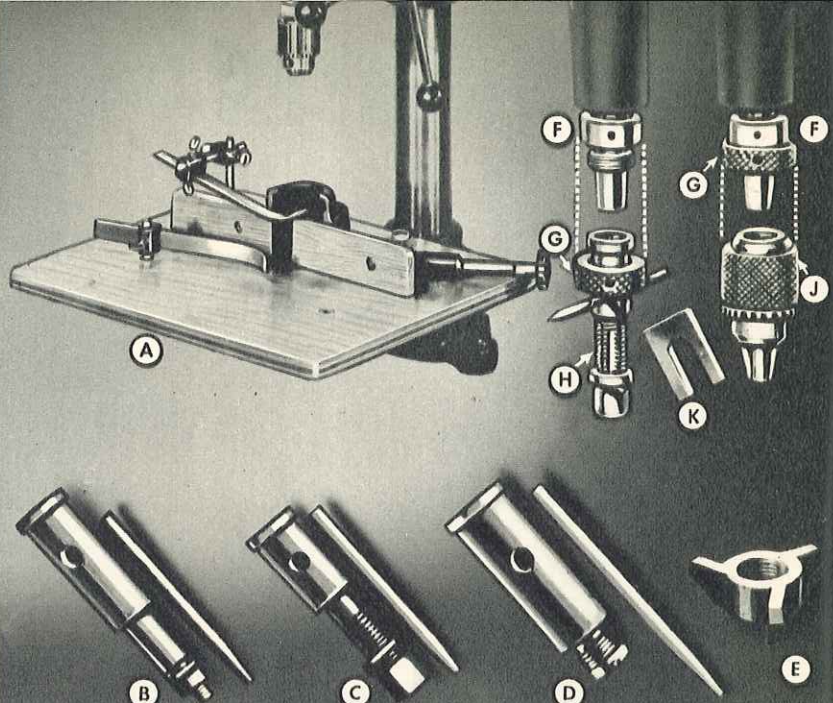
Simplified Tapered Spindles

These accurately made spindles are permanently installed in the drill by master machinists. With CRAFTSMAN construction there is no need to remove the spindle when changing chucks. This means greater accuracy over a longer period of time. The lower end of the spindle (F) is tapered below the threaded part to handle all accessories. The wedge (K) may be used to remove the chuck (J) if so desired. Knurled ring (G) is threaded inside; fits on outside of collet chuck or shaper adapter (H); securely locks them in position. For safety in operation be sure to always use the collet chuck when doing routing of any kind.

Adapters and Cutters for Tapered Spindles

These adapters were designed for tapered spindles on our drill presses and 99 PTM 2309 shaper (page 13). They are mounted as described above.

- (B)** 9 PT 2434—Adapter for $\frac{3}{16}$ -inch bore shaper cutters. **\$1.25**
 Shipping weight, 7 ounces.
- (C)** 9 PT 2435—Adapter for $\frac{1}{2}$ -inch bore shaper cutters. **.85**
 Shipping weight, 7 ounces.
- (D)** 9 PT 2437—Adapter for sash cutter listed below. **1.25**
 Shipping weight, 6 ounces.
- (E)** 9 PT 2438—Cutter for doing sash work. **1.45**
 Shipping weight, 4 ounces.



With the Cutters Listed Below Almost Any Contour May be Formed

- 9 PT 2319**— $\frac{1}{4}$ -inch high, $\frac{1}{8}$ -inch bore, $\frac{3}{16}$ -inch radius. Each. **85c**
- 9 PT 2321**— $\frac{1}{2}$ -inch high, $\frac{1}{2}$ -inch bore, $\frac{3}{8}$ -inch radius. Each. **85c**
- 9 PT 2323**—1-inch high $\frac{1}{2}$ -inch bore; $\frac{3}{8}$ -inch radius. Each. **95c**
- 9 PT 2325**—1-inch high, $\frac{3}{8}$ -inch bore, $\frac{3}{8}$ -inch radius. Each. **95c**
- 9 PT 2327**—1-inch high, $\frac{1}{2}$ -inch bore, $\frac{3}{8}$ -inch radius. Each. **95c**
- 9 PT 2329**—1-inch high, $\frac{1}{2}$ -inch bore, $\frac{3}{8}$ -inch radius. Each. **95c**
- 9 PT 2331**—1-inch high, $\frac{3}{8}$ -inch bore, $\frac{3}{8}$ -inch radius. Each. **95c**

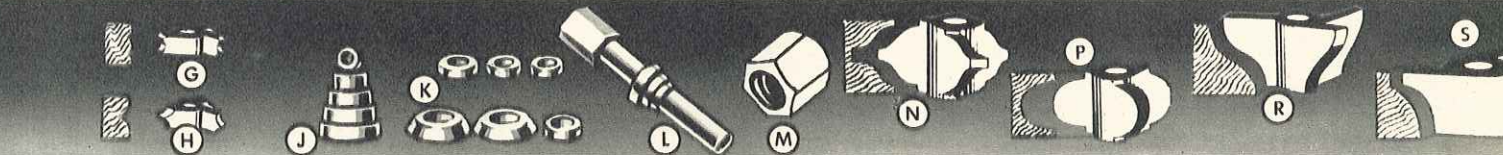
Shipping weight of the above accessories is 6 ounces each.



Shaping cutters for a wide variety of cuts, hardened and tempered. Easily sharpened on flat wheel.

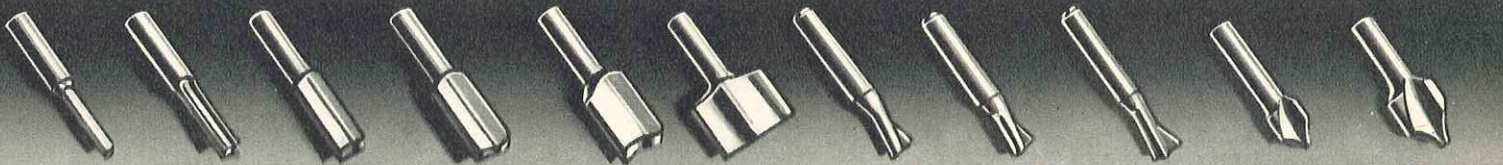
- (A)** 9 PT 2333—1-inch high, $\frac{3}{8}$ -inch bore, $\frac{3}{8}$ -inch radius. Each. **95c**
- (B)** 9 PT 2335—1-inch high, $\frac{1}{2}$ -inch bore, $\frac{3}{8}$ -inch radius. Each. **95c**
- (C)** 9 PT 2365—A complete matched set of tongue and groove cutters to be used in connection with your drill press. Expertly matched for accuracy. 1-in. high, $\frac{1}{2}$ -in. bore, $\frac{3}{8}$ -in. radius. Shpg. wt., 10 oz. **\$1.85**
- (A)** 9 PT 2340— $\frac{3}{8}$ -inch high, $\frac{3}{16}$ -in. bore, $\frac{1}{2}$ -in. radius. **59c**
- (B)** 9 PT 2342— $\frac{3}{16}$ -inch high, $\frac{3}{16}$ -in. bore, $\frac{1}{2}$ -in. radius. **59c**
- (C)** 9 PT 2344— $\frac{3}{16}$ -inch high, $\frac{3}{16}$ -in. bore, $\frac{3}{8}$ -in. radius. **59c**
- (D)** 9 PT 2350— $\frac{1}{2}$ -inch high, $\frac{3}{16}$ -in. bore, $\frac{3}{8}$ -in. radius. **59c**
- (E)** 9 PT 2354— $\frac{7}{16}$ -inch high, $\frac{3}{16}$ -in. bore, $\frac{1}{2}$ -in. radius. **59c**
- (F)** 9 PT 2356— $\frac{1}{2}$ -in. high, $\frac{3}{16}$ -in. bore, $\frac{1}{2}$ -in. radius. **59c**

Unless otherwise specified, shipping weight of the above accessories is 6 ounces each.



- (G)** 9 PT 2359— $\frac{3}{8}$ -in. high, $\frac{3}{16}$ -inch bore, $\frac{3}{16}$ -inch radius. **59c**
- (H)** 9 PT 2362— $\frac{3}{8}$ -inch high, $\frac{3}{16}$ -inch bore, $\frac{3}{16}$ -inch radius. **59c**
- (J)** 9 PT 2367—6 shaper collars. Fit $\frac{1}{2}$ -inch spindle. \$1.29
- (K)** 9 PT 2368—6 shaper collars. Fit $\frac{3}{8}$ -inch spindle. **39c**
- (L)** 9 PT 2433—Adapter for $\frac{3}{16}$ -in. bore cutters. Fits in standard 9 PT 2451 collet chuck. **35c**
- (M)** 9 PT 2465—Cutter lock nut. Fits our standard $\frac{1}{2}$ -in. spindles. Shpg. wt., 1 oz. **5c**
- (N)** 9 PT 2345—Large size cutter. 1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{2}$ -inch radius. **\$1.60**
- (P)** 9 PT 2346—Large size cutter. 1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{2}$ -inch radius. **\$1.60**
- (R)** 9 PT 2347—Large size cutter. 1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{2}$ -inch radius. **\$1.60**
- (S)** 9 PT 2348—Large size cutter. 1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{2}$ -inch radius. **\$1.60**

Shipping weight of the above accessories is 8 ounces each, unless otherwise specified.



Routing, Carving and Dovetailing Cutters

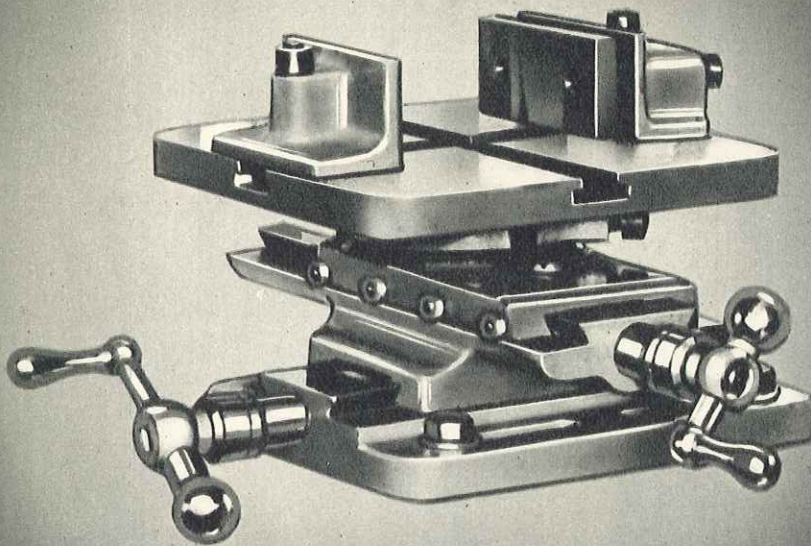
A complete set will equip your drill press for accurate carving, round end mortising, dovetailing, boring, round edging, reeding and general routing. Made of finest quality high carbon tool steel, carefully heat treated for keen, long-lasting edges. All cutters are perfectly ground to exact dimensions. Fast, free, clean and smooth cutting. All have $\frac{3}{16}$ -inch shanks to fit 9 PT 2450 or 9 PT 2451 collet chucks. Do not use these cutters in drill chucks.

- 9 PT 2400** $\frac{1}{2}$ -inch Router **59c**
- 9 PT 2401** $\frac{1}{2}$ -inch Router **65c**
- 9 PT 2402** $\frac{3}{8}$ -inch Router **75c**
- 9 PT 2403** $\frac{1}{2}$ -inch Router **89c**
- 9 PT 2404** $\frac{3}{8}$ -inch Router **98c**
- 9 PT 2405** 1-inch Router **\$1.19**
- 9 PT 2409** $\frac{1}{2}$ -in. Dove-tail Router **59c**
- 9 PT 2410** $\frac{3}{4}$ -in. Dove-tail Router **65c**
- 9 PT 2411** $\frac{3}{4}$ -in. Dovetail Router **69c**
- 9 PT 2415** $\frac{1}{2}$ -in. Carving Router Bit **95c**
- 9 PT 2416** $\frac{3}{4}$ -in. Carving Router Bit **\$1.10**

Shipping weight of the above accessories is 6 ounces each.

DRILL PRESS ACCESSORIES

DRILL PRESS AND MILLING VISE



\$18⁹⁵

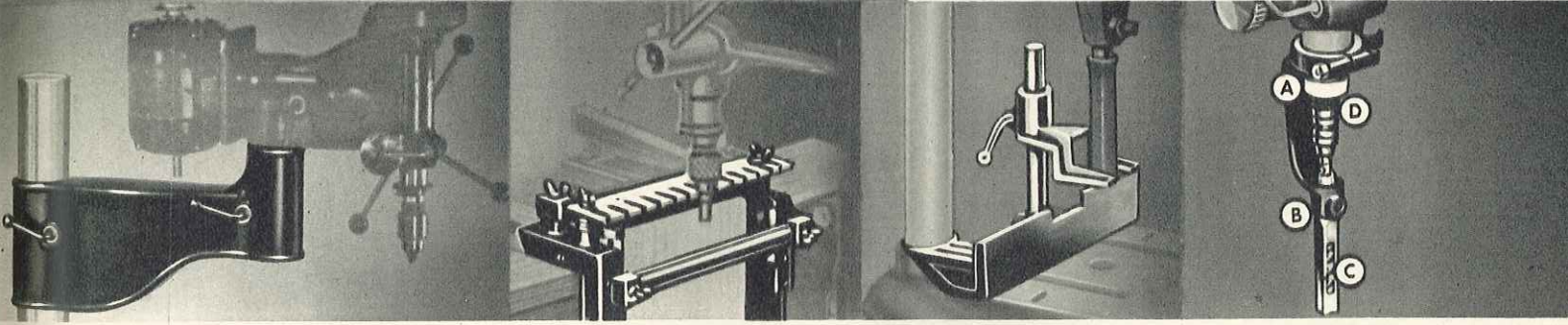
This versatile accessory will enable you to handle all types of accurate drilling, layout and spacing work—straight lines, radial and circular work; also for light milling. Can also be used for any jobs which require accurate feeds in two directions.

Clamps on drill press table. Base is graduated through 180° so vise table may be rotated to any angle and set accurately. The work is locked on the table between two adjustable jaws. By use of the two cross feed controls, work may be moved to any desired position. Table is 7x7 inches. The travel on both cross feeds is 6 inches. Capacity of the vise is 3½ inches. Husky jaws are 3 inches wide and 1½ inches high. Equipped with dovetailed ways for smooth, easy and accurate operation. Complete as shown with wrench and necessary bolts.

99 PT 02432—Shipping weight, 18 pounds. **\$18.95**

Collet Chuck. Fits on tapered drill press spindle. Takes milling cutters with ½-inch shank.

9 PT 2452—Shipping weight, 6 ounces. **95c**



New Drill Press Radial Arm

With this new radial arm you will more than double the capacity of your drill press. Increases the distance from main column to chuck by 24-in. Enables you to drill to center of a 48-in. circle. Can be swung to almost any position. When used in conjunction with column collar, arm can be left loose on column and head swung about for routing and similar operations making it an ideal accessory for patternmakers and similar shops needing a larger throat.

Extra heavy casting provides the great rigidity necessary in a tool of this kind. Two sets of coordinate clamps lock the arm rigidly to the column. Fits **99 PTM 2407** (Page 32) or **99 PTM 2392** (Page 33) drill press. Shpg. wt., 35 lbs.

99 PT 02418 **\$10.95**

Dovetailing Attachment

Makes perfect dovetail joints. Pieces to be dovetailed are held at right angles in clamp so cutter may be guided through one piece into the other. Attachment includes a metal comb, slotted to guide shank of router cutter to a predetermined depth. Complete with end plates, screw fittings and clamps for holding work and a ½-inch dovetail router. Wood parts not supplied. U.S. Patent No. 1651510.

9 PT 2462—Shpg. wt., 4 lbs. 1 oz. **\$3.50**

Drill Press Book

9 PT 2921—Complete instructions on drill press operation. Shpg. wt., 2 oz. **19c**

Hold-Down Guide

Indispensable in mortising as fingers on hold-down prevent work from being lifted when chisel is raised. Adjustable for thick or thin material. Keeps the work lined up. Bolts to drill press table. Fence part can be used without hold-down as a guide in routing, inlay work, repetitive drilling, etc. Can be used on **99 PTM 2380** (Page 31) and **99 PTM 2407** or **99 PTM 2392** (Pages 32 and 33). Shipping weight, 6 lbs. 6 oz.

9 PT 2457 **\$1.75**

Hollow Chisel Mortising

To out square holes with drill press.

A 9 PT 2461—Mortising chisel housing. Mounts on quill of drill press. Used with collet chuck, chisels and bits below. Shpg. wt., 3 lbs. **\$1.65**

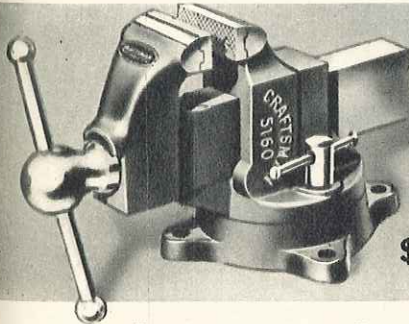
B 9 PT 2420—Hollow chisel for **9 PT 2461**, ¼, ⅝ or ¾ in. State size. Shpg. wt., 4 oz. **\$1.45**

C 9 PT 2422—Mortising bit for **9 PT 2420**, ¼, ⅝ or ¾ in. State size. Shpg. wt., 4 oz. **\$1.25**

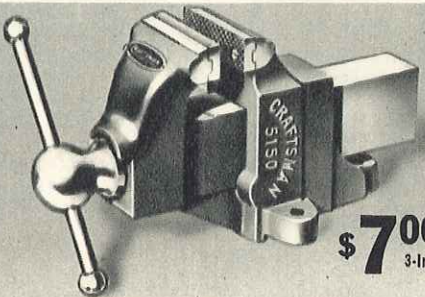
D 9 PT 2450—Collet chuck for tapered spindle. Shpg. wt., 6 oz. **95c**

9 PT 2451—Collet chuck for threaded spindle. Shpg. wt., 3 oz. **69c**

9 PT 2458—Mounted grinding point for sharpening hollow chisels. Shpg. wt., 3 oz. **49c**



\$9¹⁰
3-in.



\$7⁰⁰
3-in.



\$2⁷⁵

CRAFTSMAN Heavy Duty Machinists' Vises—Guaranteed 10 Years

No finer machinists' vises made yet priced fully 30% less than comparable quality elsewhere. Extra heavy! Extra strong! Built for heaviest machine shop work. Only the finest materials and workmanship throughout. Unconditionally guaranteed for 10 years. Semi-steel construction—reinforced at all points of strain and strong enough to stand up under the hardest machine shop use. Replaceable knurled tool steel jaws are heat treated and hardened. Cold rolled steel screw, and handle.

Every part carefully machined and fitted. Extra heavy slide bar is milled on all four sides—fits snugly into machine broached opening in base. Slides easily; won't wobble. Blue enamel finish. Bolts included. Shipped freight or express. Shipping weights same as actual weights. 5½-inch jaw size and larger shipped prepaid from factory in southern Illinois. Smaller sizes carried in stock. It's easy to buy on Sears Easy Terms . . . see inside front cover of this book.

CRAFTSMAN Garage Vises

We believe this to be without question America's finest garage vise. No other garage vise has all CRAFTSMAN features. Heavier construction—finer materials—better workmanship!

Semi-steel construction for extra strength. Replaceable jaw faces are special Max-El alloy tool steel, heat treated and hardened—properly knurled for a slip-proof grip. Removable heat treated malleable iron pipe jaws. Cold rolled steel beam. A come threaded forged steel screw. Positive locking 360-degree 3 point contact swivel base. Careful machining and snug fitting parts insure jaws that won't wobble yet slide easily. Blue crackle finish. Lag screws. Jaws, 3 inches. Open to 4 inches. Actual weight is 15 pounds. Shipping weight, 17 pounds. Larger sizes are carried in stock and may be seen at your nearest retail store. Include a vise with your tool order. Buy for cash or use your credit—Sears Power Tools are sold on Easy Terms . . . see inside front cover of this book.

99 PT 05240 **\$2.75**

Offered in Both Swivel Base and Solid Base Styles

Swivel Base				Solid Base				Weight	Price
99 PTM	Jaws	Open to	Weight	99 PTM	Jaws	Open to	Weight	Price	
5160	3 in.	4 in.	27 lbs.	5150	3 in.	4 in.	22 lbs.	\$7.00	
5161	3½ in.	5 in.	36 lbs.	5151	3½ in.	5 in.	31 lbs.	7.90	
5162	4 in.	6 in.	51 lbs.	5152	4 in.	6 in.	41 lbs.	8.90	
5163	4½ in.	6½ in.	69 lbs.	5153	4½ in.	6½ in.	59 lbs.	10.85	
5164	5 in.	7 in.	95 lbs.	5154	5 in.	7 in.	78 lbs.	14.00	
5165F	5½ in.	8 in.	123 lbs.	5155F	5½ in.	8 in.	101 lbs.	21.00	
5166F	6 in.	10 in.	147 lbs.	5156F	6 in.	10 in.	130 lbs.	27.30	
5167F	7 in.	12 in.	254 lbs.	5157F	7 in.	12 in.	226 lbs.	38.50	
5168F	8 in.	14 in.	345 lbs.	5158F	8 in.	13½ in.	299 lbs.	52.50	

NOW! SEARS WELDERS ARE IMPROVED



\$99⁵⁰

\$38⁵⁰



DUNLAP 75-Amp. WELDER

- Voltage regulator automatically increases voltage on low heats.
- Improved compact design for greater convenience and ease in handling.
- 6 different heats—from 20 to 75 amperes of actual welding current.

Now! At last an arc welder that *really* works efficiently on a 110-volt line! Sears great automatic voltage regulator makes it easy to hold an arc, even on lowest taps—thus eliminating a difficulty that has long been a weakness of 110-volt welders!

This is an ideal machine for home workshops and small shops. Pays for itself on the first few jobs! Particularly recommended for light gauge metals, such as fenders, etc. Easily handles metals 22-gauge up to 3/16 inch thick. On 3/16-inch or heavier work it may be desirable to run several beads. By using this method, quite heavy work may be handled. May also be used for brazing and soldering. Has all-metal cabinet and transformer supports, like all finest arc welders to eliminate warping and reduce fire hazard. Has standard arc welder insulation—not spun glass.

Not recommended for steady continuous service, but may be operated for two hours with a 50% duty cycle. For 110-120 volt 60-cycle A.C. only. Complete with 10-foot welding cables; electrode holder; extension cord and plug; welders' helmet; supply of welding rods; carbon electrode; and instructions. Shipping weight, 110 pounds.

99 PTM 2049 \$38.50

SPECIFICATIONS

	99PTM2049	99PTM2012	99PTM2015
Over-all Height	21½ in.	33 in.	37 in.
Over-all Width	16 in.	20 in.	21 in.
Over-all Length	18½ in.	21 in.	23 in.
Size of Rods (Maximum)	3/32 in.	3/16 in.	¼ in.
Maximum Amperes Delivered (Actual welding current)	75	200	300
Welding Heats (Actual welding current)	6 heats; 20-75 amps.	18 heats; 20-200 amps.	30 heats; 20-300 amps.
Current Supply	110-volt A.C. 60-cycle	220-volt A.C. 60-cycle	220-volt A.C. 60-cycle
Service	Intermittent	Continuous	Continuous
Maximum K.W.	2.4	6.2	8.2
Maximum K.V.A.	3.4	10.7	14.3
Maximum Line Draw	32 amps. (110-Volt)	48.5 amps. (220-Volt)	65 amps. (220-Volt)



CRAFTSMAN 200-Amp. WELDER

- Approved by Underwriters' Laboratories, Inc.
- Amazing double spun glass insulation practically eliminates burn-outs.
- 18 heats—from 20 to 200 amperes of actual welding current.

New! Greatly improved! We've never sold so fine a welder at this price before! Compare it with \$195.00 welders! Built for professional use and steady continuous service in garages, shops, etc!

The use of the expensive double spun glass insulation is one of the greatest advancements ever made in welder design! Makes it practically impossible to burn out this welder as long as you use it on correct current supply (220 volts).

Has all-metal cabinet and transformer supports, like all finest welders, to assure greater strength and eliminate warping and fire hazard. The rating of this welder is *actual welding current*—not short circuit output, which is always higher than when the machine is actually welding. Will handle metals from 22-gauge to 1/2-inch inclusive, without preparation (*any* thickness if metal is pre-heated and beveled or "V'd"). Will do cutting, brazing, or soldering with carbon rod. Maintains a steady arc at all heats. Convenient on-off switch. For 220-volt 60-cycle A.C. only. With two 15-foot welding cables; electrode holder; extension wiring; welding helmet; supply of welding rods; steel brush; carbon electrode for brazing, soldering and cutting; and instructions. Shipping weight, 260 pounds.

99 PTM 2012 \$99.50

Shielded Welding Rods

Covered with a heavy coating of flux to assure a better weld. Shipping weights: 5-pound package, 5 pounds 12 ounces; 25 pounds, 28 pounds 12 ounces. Be sure to state size wanted when ordering.

69c

3/16 in.
5-lb. Pkg.

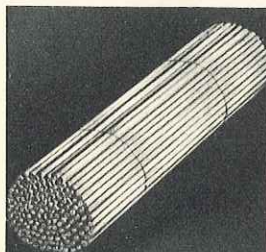
9 PT 2003—For General-Purpose Work on Mild Steel

Size, in.	3/64	3/32	1/8	5/32	3/16
5-lb. pkg.	\$2.10	\$1.25	89c	79c	69c
25 lbs.	9.95	5.95	\$3.95	\$3.45	\$2.95

9 PT 2055—For Work on Cast Iron

Size, in.	3/32	1/8	5/32	3/16
5-lb. pkg.	\$1.25	89c	79c	69c
25 lbs.	5.95	\$3.95	\$3.45	\$2.95

36 . . . SEARS-ROEBUCK

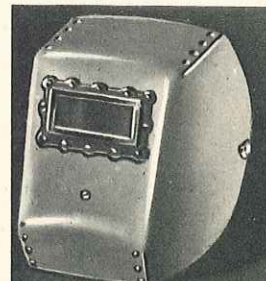


Welding Helmet

\$3¹⁹

An absolute necessity for the welding operator! Protects him against sparks and shields his eyes from the brilliant light. You should never get close to a welder without the protection of a helmet. Strong and well made. Adjustable to any angle or to different sizes of head. May be thrown back out of way without removing from head. The eye shield has two layers of glass. The outer layer is made of ordinary inexpensive glass which protects the expensive special colored glass on the inside. Glass is colored correctly for welders up through 200-amp. capacity. Protect yourself with this fine welding helmet—at Sears low money-saving price. Shipping weight, 2 pounds 8 ounces.

9 PT 2009 \$3.19



NO BURN-OUTS!

**PRACTICALLY ELIMINATED
BY SPUN GLASS INSULATION
IN CRAFTSMAN ARC WELDERS**

CRAFTSMAN 300-Amp. WELDER

- Approved by Underwriters' Laboratories, Incorporated!
- Double spun glass insulation prevents burn-outs
- 30 heats—20 to 300 amps. actual welding current

Entirely new! By far the finest electric arc welder we have EVER sold! Extra heavy duty construction in every detail. Meets the most rigid demands of professional use and steady production work! Compare it with \$250.00 to \$400.00 welders!

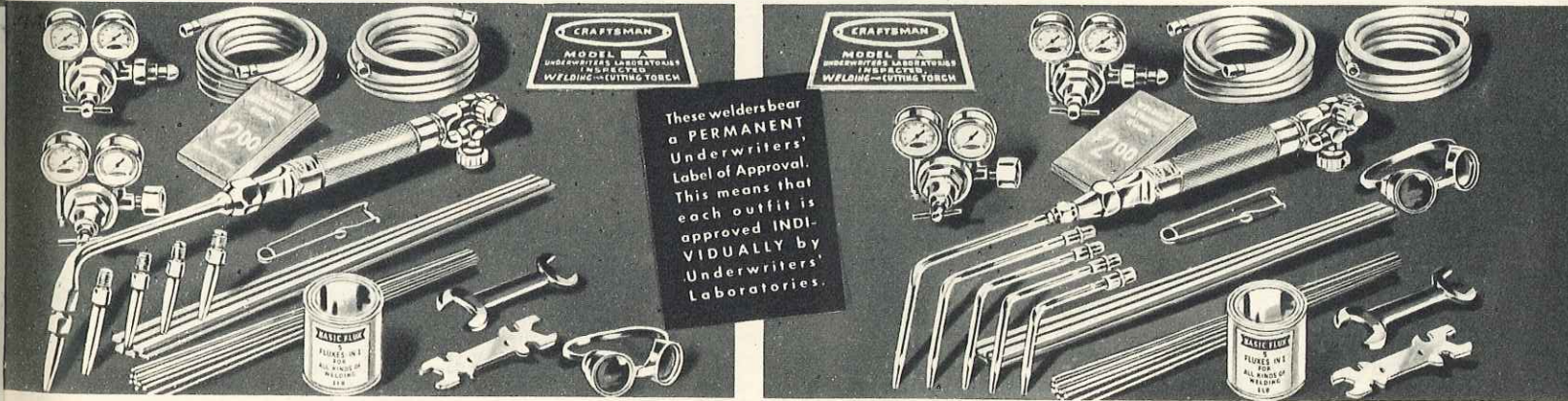
The use of the expensive double spun glass insulation is one of the most important advancements ever made in welder design! It looks like fine silk, but it's glass! Won't crack, break-down or short! Makes it practically impossible to burn out this welder as long as you use it on correct current supply (220 volts)!

Extra-heavy all-metal cabinet and transformer supports like all finest welders, to assure greater strength and eliminate warping and fire hazard. The rating of this welder is *actual welding current*—not short circuit output, which is always higher than when the machine is actually welding. Will handle metals from 22-gauge up to 5/8-inch inclusive, without preparation (*any* thickness if metal is pre-heated and beveled or "V'd"). Will do cutting, brazing, or soldering with carbon rod. Maintains a steady arc at all heats. Convenient on-off switch. For 220-volt 60-cycle A.C. only. With two 15-ft. welding cables; electrode holder; extension wiring; welding helmet; welding rods; steel brush; carbon electrode for brazing, soldering and cutting; instructions.

99 PTM 2015—Shpg. wt., 330 lbs. \$160.00



\$160⁰⁰



These welders bear a PERMANENT Underwriters' Label of Approval. This means that each outfit is approved INDIVIDUALLY by Underwriters' Laboratories.

Standard Heavy Duty Type

We KNOW it's impossible to match this great outfit within \$30 of its price! That's why we can make the amazing trial offer at right!

Heavy duty type—for hard usage! 17 1/2-inch solid bronze non-flash torch with 6-inch bronze gooseneck and mixer. 5 wide-range one-piece polished copper tips (A-1, A-2, A-3, A-4, A-5). Solid bronze oxygen and acetylene regulators have patented safety pressure relief device. Each regulator has 2 pressure gauges with solid brass cases—3000 and 80-lb. on oxygen; 500 and 80-lb. on acetylene. Two 12 1/2-ft. lengths of high pressure double-fabric 1/4-in. inside diameter hose; 26 assorted welding rods; flux for all kinds of welding; lighter; 2 wrenches; Navy specification goggles; 224-page Handbook.

99 PT 05442—Shpg. wt., 28 lbs. \$46.50

\$46⁵⁰

CRAFTSMAN Industrial Acetylene Welding Outfits

In both of these great acetylene welding outfits, you get TRIPLE assurance of quality construction! (1) Both are approved by Underwriter's Laboratories. (2) Both bear Factory Mutual markings. (3) Both have passed extremely rigid tests in Sears laboratory.

Parts and Accessories for CRAFTSMAN Welding Outfits

The tips, and mixing chamber can be used only on the welder at left. The other accessories may be used on both.

9 PT 5429—Model A Welding Torch. 17 1/2 inches. With 6-inch mixer. Cuts steel with attachment 9 PT 5444 below. Shipping weight, 3 pounds. \$14.00

1/4-Inch Hose. With swivel connection. 9 PT 5437—Oxygen high pressure hose. 12 1/2 ft. Shpg. wt., 1 lb. 13 oz. \$2.25

25 ft. Shpg. wt., 4 lbs. 3.50

9 PT 5430—Oxygen Regulator. 80 and 3000-lb. gauges. Shpg. wt., 4 lbs. \$14.00

Trial Offer—You Take No Chance

Order either outfit the usual way, sending full cash price or down payment with Easy Payment order. If it isn't the finest you've seen within \$30.00 of its price ANYWHERE—return it and we'll refund your money!

- 9 PT 5431—Acetylene Regulator. 80 and 500-lb. gauges. Shpg. wt., 4 lbs. . . \$12.00
- 9 PT 5440—Ninety Assorted Welding Rods. Bronze, aluminum, iron, and mild steel. Sizes 3/8 to 1/4 inch, lengths 18 to 24 inches. Shipping wt., 11 lbs. \$2.65
- 9 PT 5441—Welding Tips. Sizes A-0 for radiators; A-1 for fenders; A-2, A-3, A-4, A-5, A-6, A-7, and A-8 for welding various metals up to 1 1/2 inches thick. State size. Shpg. wt., 4 oz. Each \$1.50
- 9 PT 5443—12-Inch Mixing Chamber. Necessary for use with tips sizes A-6, A-7 or A-8. Shpg. wt., 12 oz. \$5.50

Standard Goose-Neck Type

Now! Sears offer a new super-quality gooseneck type welder because of the growing demand for this type of unit! It's positively unequalled within \$30 of this price! Must be seen to be appreciated.

The gooseneck tips are drawn and swaged in one piece, instead of having separate tips that screw on one gooseneck mixer. This means a lighter weight torch handle, and greater convenience in getting into tight places. Also, these tips produce long, pointed flames, preferred by some operators.

Solid bronze non-flash torch with special mixer and five gooseneck assemblies (SA-2, SA-3, SA-4, SA-5 and SA-6). Includes same regulators and accessories as welder at left.

99 PT 05428—Shpg. wt., 28 lbs. \$46.50

\$46⁵⁰

Jr. Soldering Outfit

CRAFTSMAN. For use with Prest-O-Lite cylinders for burning paint, brazing, soldering, etc. This set includes handle, three heating tips, soldering copper, paint burning tip, tank connections, tip cleaner, five feet of rubber hose, and instructions. Shipping weight, 2 pounds.

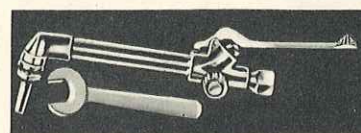
9 PT 5446 \$5.95



Cutting Attachment

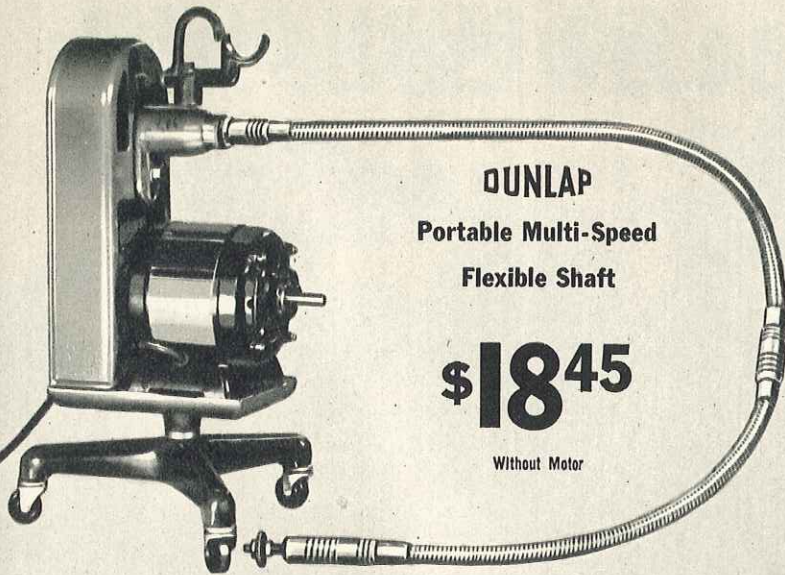
CRAFTSMAN. For use with 99PT05442 or 99PT05428 above. Simply connect it to welding torch in place of mixer. With wrench and No. B-3 tip. Will cut steel up to 1 1/4 inches thick. Will cut up to 6-inch steel with larger tips. Shipping weight, 3 pounds 6 ounces.

9 PT 5444 \$14.50



FLEXIBLE SHAFTS

INDISPENSABLE EQUIPMENT
IN THE MODERN SHOP



DUNLAP
Portable Multi-Speed
Flexible Shaft

\$1845

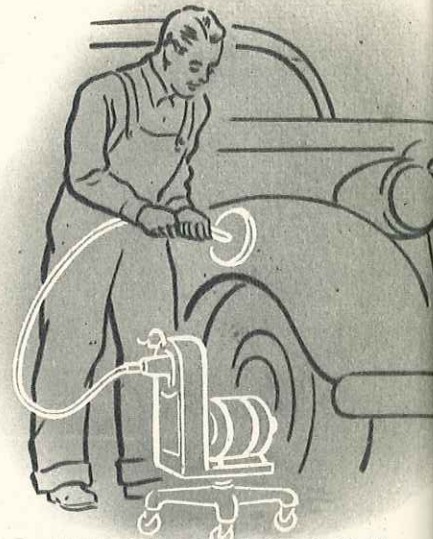
Without Motor

Recognized as the finest flexible shaft outfit ever built at anywhere near its price! *Now better than ever!* DUNLAP now has ball bearing jack shaft mounted in an attractive, streamlined housing, which fully guards the entire four-speed belt drive! So designed that it is easy to change speeds.

Truly the tool of a thousand uses! Use it for grinding, polishing, buffing, sanding, drilling, carving, refinishing, paint removal, etc. Multi-speed attachment gives wide range of speeds for all kinds of work. Has rugged, long-life construction in EVERY detail (for more complete description of parts, see outfits below). Outfit includes portable motor base, multi-speed belt drive, ball bearing handpiece, two 43-inch lengths of casing and core, hand grip, 1/4-inch 24-thread adapter and chuck. This outfit will save you plenty of hard work!

99 PT 02506—Without motor. Shipping weight, 35 pounds. \$18.45
99 PTM 2507—With 99 PT 05620 motor (fully described on Page 42). Shipping weight, 67 pounds. \$27.95

Easy To Handle!
ON ORDERS OF
10 OR MORE
SEE INSIDE
FRONT COVER



A NEW TOOL EVERY TIME YOU
CHANGE THESE ATTACHMENTS



DUNLAP Portable
Direct-Drive Flexible Shaft

\$1195

Without Motor

Exactly the same fine quality as above, but without the multiple-speed belt drive. Shaft is connected directly to motor with motor coupling. Has two lengths of 43-inch casing and core. (Over-all length of complete shaft, 93 in.) Grease-tight casing is made of soft steel—has solid brass ferrule at each end. Portable motor base enables you to take the tool to the job.

The high tensile steel wire core is wound in alternate layers to form a strong, flexible drive. Handpiece spindle and motor coupling run on ball bearings. Ball bearing casters on motor base for easy portability. Outfit includes 1/2-in. motor coupling, two 43-in. lengths of casing and core, hand grip, handpiece, portable motor base, adapter and chuck.

99 PT 02503—Without motor. Shipping weight, 26 pounds. \$11.95
99 PTM 2504—With 99 PT 05620 motor (see Page 42). Shpg. wt., 58 lbs. 21.50

DUNLAP Direct Drive

Same construction as 99PT02503 above, but has a single length of shaft and comes without the caster mounted base. Complete with 1/4-inch chuck, chuck adapter, ball bearing motor coupling to fit any 1/2-inch motor shaft, casing, core, hand grip and ball bearing handpiece. Over-all length, 50 inches. Shipping wt., 4 lbs. 12 oz.

9 PT 2629—Complete outfit. \$4.75



\$475



Portable Motor Base

May be used with CRAFTSMAN or DUNLAP flexible shafts. Has 3 ball bearing casters for easy portability. Casters are removable so that base can be mounted permanently on a bench. Has a ball bearing swivel base to carry motor and multi-speed attachment. Shpg. wt., 12 lbs. 6 oz.
9 PT 2501. \$4.95

\$495



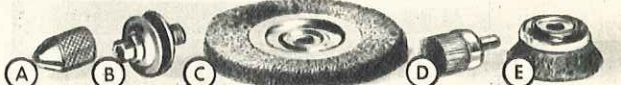
Multi-Speed Drive

Fits CRAFTSMAN or DUNLAP flexible shafts. Precision ball bearing jackshaft is mounted in housing which guards pulleys. By reversing pulleys, seven speeds from 1280 to 9500 R.P.M. are available with a 3450 R.P.M. motor. With 2 sizes of 4-step pulleys and V-belt. Shpg. wt., 9 lbs. 4 oz.
9 PT 2502. \$7.75

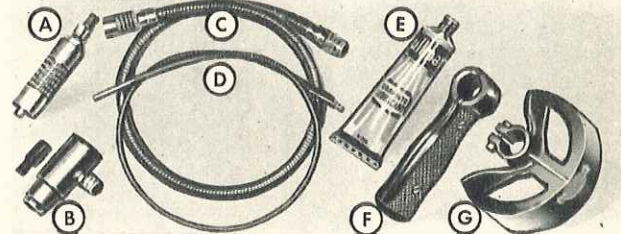
\$775



- A Sanding Drum.** With abrasive sleeve and adapter. 3 in. long and 2 1/4 inches in diameter. Shpg. wt., 12 oz.
9 PT 2520—Complete. 95c
- B Abrasive Sleeve** to fit the above drum. Fine, medium or coarse. State grit. Shpg. wt., 2 oz.
9 PT 2522—Each. 10c
- C Sanding Drum.** With sleeve. Ht. 1 in. State diameter. Shpg. wt., 4 oz. Diameter. 1 1/2 in. 2 3/4 in. 3 in.
9 PT 2439. 39c 69c 95c
- D Sanding Sleeves** to fit the above drum. State fine or coarse grit and diameter. Shpg. wt., 3 oz. Diameter. 1 1/2 in. 2 3/4 in. 3 in.
9 PT 2442—6 for 39c 39c 49c



- A 1/4-in. Drill Chuck.** Fits 1/2-in. spindle. Shpg. wt., 5 oz.
9 PT 2130. 29c
- B 1/2-in. Chuck Adapter.** Fits 9 PT 2500 handpiece below. Shpg. wt., 6 oz.
9 PT 2543. 29c
- C Wire Scratch Wheels.** For removing rust, scale, buffing tires, etc. Finest quality wire. 1/2-in. hole. Specify 4-in. diameter. Shpg. wt., 5 oz.
9 PT 6480—Coarse. 30c
9 PT 6482—Fine. 40c
- D Carbon Removing Brush.** For auto mechanics. Diam., 1 in. Shpg. wt., 4 oz.
9 PT 6484. 49c
- E Wire Cup Brush.** Diameter, 2 1/2 in. Shpg. wt., 4 ounces.
9 PT 6485. 49c



- A DUNLAP Handpiece.** Ball bearing. 3/8-in. shank to fit 9 PT 2543 adapter, above. Shpg. wt., 8 oz.
9 PT 2500. \$1.15
- B DUNLAP Motor Coupling.** Ball bearing. For 1/2-in. motor shaft only. Shipping weight, 11 ounces.
9 PT 2546. \$1.19
- C DUNLAP Core and Casing.** Each 43 inches long. Check length of your old core and casing before ordering. Used only with DUNLAP shafts.
9 PT 2505—Casing. Shipping weight, 2 pounds 8 ounces. \$1.15
9 PT 2510—Core. Shipping weight, 1 pound. \$1.15
- E Graphite Lubricant.** For use on core only (not for handpieces or couplings). Shipping weight, 7 ounces.
9 PT 2537. 19c
- F DUNLAP Hand Grip.** Attaches to 9 PT 2500 handpiece for easy handling. Shpg. wt., 10 oz.
9 PT 2515. 30c
- G DUNLAP Grinding Wheel Guard.** Clamps firmly to 9 PT 2500 handpiece. An absolute necessity for grinding and wire wheel work. Shpg. wt., 1 lb. 6 oz.
9 PT 2517. 65c



CRAFTSMAN
Portable Multi-Speed
Flexible Shaft

\$25⁰⁰

Without Motor

Sears multi-speed flexible shaft is the finest obtainable at this amazing low price. Super quality construction throughout. Extra big... Extra heavy... Extra strong... That's why it stands up under tough production jobs in large industrial plants. Best of all the CRAFTSMAN price is 25% to 50% less than the usual price asked for flexible shafts of similar quality.

Heavy duty construction throughout! Has a 3-ply casing for long life (see outfit at right for complete description of casing and core). Heavy duty handpiece has grease-packed precision ball bearings—is scientifically designed to prevent entrance of foreign matter to the bearings. Enclosed multi-speed belt drive gives a wide range of 7 speeds for all kinds of work—also equipped with precision ball bearings. Alloy steels are freely used to provide long, trouble-free life. Complete with ball bearing castor-mounted base, precision ball bearing multi-speed belt drive, precision ball bearing handpiece, casing, and core. Over-all length of shaft, 6 feet.

- 99 PT 02518—Without motor. Shpg. wt., 29 lbs. \$25.00
- 99 PTM 2519—With 99 PT 05587 ½-H.P. 3450 R.P.M. condenser motor (See Page 42). Shipping weight, 63 pounds. \$41.00



CRAFTSMAN Portable
Direct-Drive Flexible Shaft

\$1850
Without Motor

Same heavy duty construction as outfit at left, but shaft is connected directly to the motor with a precision ball bearing motor coupling instead of having a multi-speed belt drive.

The new type casing in CRAFTSMAN flexible shaft outfits is made with 3 super-strong plies! Inside is a layer of hardened spring steel wire; then a layer of dead, soft steel wire; and then a thick layer of tough, long-lived rubber. The core is built of special alloy high carbon steel wire wound transversely around the center core wire—has tremendous strength! Fittings are made of chrome nickel steel. Outfit includes ball bearing castor base, precision ball bearing handpiece, casing, core and precision ball bearing motor-coupling (see description of coupling in 9 PT 2511 outfit below).

- 99 PT 02513—Without motor. Shipping weight, 24 lbs. \$18.50
- 99 PTM 2514—With 99 PT 05587 motor (See Page 42). Shpg. wt., 58 lbs. 34.50

CRAFTSMAN Direct-Drive Unit

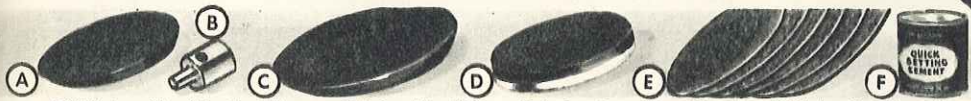
Same as 99PT02513 above, but without castor-mounted base. Motor coupling built of alloy steel—fitted with precision ball bearings sealed for life—fits any ½-inch motor shaft. Complete with precision ball bearing handpiece, casing, core, and precision ball bearing motor coupling. Shpg. wt., 11 lbs.

- 9 PT 2511—Complete outfit. \$13.75

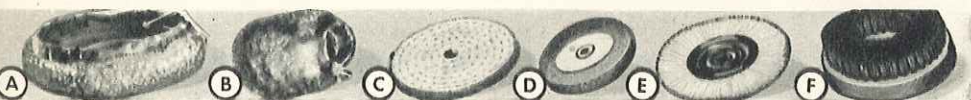


\$1375

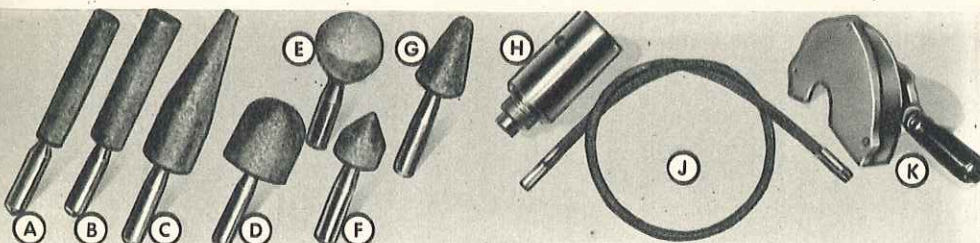
Easy Terms!
ON ORDERS OF
\$10 OR MORE
SEE INSIDE
FRONT COVER



- A** 5½-in. Flexible Sanding Disc. For 9PT2500 handpiece. Shipping weight, 10 oz. 9 PT 2540.....95c
- B** Adapter. To adapt 9PT2540 to CRAFTSMAN handpiece or any ½-in. 24-thread spindle. 9 PT 2542—Shpg. wt., 4 oz. 25c
- C** 7-in. Flexible Sanding Disc. Fits ½-in. 24-thread. Shpg. wt., 14 oz. 9PT2544. \$1.49
- D** 6-in. Sanding Disc. Metal disc with sponge rubber facing. Fits ½-in. 24-thread. Shipping weight, 1 pound 4 ounces. 9 PT 2239—Complete. .85c
- E** 6-in. Sanding Discs. For 9PT2239. Aluminum oxide abrasive. Shpg. wt., 3 oz. 9 PT 2526—Pkg. of 6. 23c
- F** Quick Setting Cement. ¼-pound can. For holding abrasive discs on metal plates. Shipping weight, 1 lb. 2 oz. 9 PT 2535.....39c



- A** Sheepskin Polishing Pads. Slips over sanding discs. For polishing waxed surfaces, etc. Use 7-in. on 6-in. disc and 8-in. on 7-in. disc. Shpg. wt., 4 oz. 9 PT 2527—7-in. diam.; 1-lb. wool. .75c
- B** Sheepskin Polishing Drum. Slips over sanding drum 9 PT 2520. Ideal for polishing curved surfaces, etc. 9 PT 2533—Shipping wt., 3 oz. 49c
- C** 6-in. Cotton Buff. 20 thicknesses of bleached muslin. Spiral sewed. ½-in. hole. State 6-in. diameter. Shpg. wt., 3 oz. 9 PT 6490.....14c
- D** 4½-in. HOWARD Grinding Wheel. Vitrified aluminum oxide. Medium fine. State 4x½-in. size, and arbor hole size wanted. Shipping weight, 1 lb. 2 oz. 9 PT 6402.....35c
- E** 6-inch Tampico Brush. An ideal general purpose brush for cleaning, buffing, polishing, etc. Well set bristles; won't fly out. ½-inch hole. 9 PT 6486—Shpg. wt., 8 oz. 49c
- F** 6-inch Floor Waxing Brush. For scrubbing or polishing floors, etc. ½-inch hole. Shipping weight, 11 oz. 9 PT 6487.....49c



- J** Core. For CRAFTSMAN flexible shafts. Constructed of special alloy high carbon steel wire. Wound transversely around the center core wire. Maximum flexibility is combined with great strength. Fittings are made from chrome nickel alloy steel. Designed to give a full floating action of core between the counter shaft and the handpiece. Shipping weight, 2 lbs. 8 oz. 9 PT 2512.....\$4.25
- K** Grinding Wheel Guard. Made to fit on CRAFTSMAN handpiece. Fully enclosed and protected. For safety it is absolutely necessary to use one of these guards when doing any type of grinding or wire wheel work with your flexible shaft. Keeps particles of material from flying into eyes and protects the face. To be doubly sure use grinding goggles shown on Page 40. Shpg. wt., 2 lbs. 8 oz. 9 PT 2484.....\$4.65
- A** 9 PT 6463—MP12. 49c
- B** 9 PT 6462—MP11. 49c
- C** 9 PT 6461—A1. 59c
- D** 9 PT 6460—A21. 49c
- E** 9 PT 6459—A25. 49c
- F** 9 PT 6458—A14. 49c
- G** 9 PT 6457—A5. 49c
- H** SKF Ball Bearing Motor Coupling. For use with CRAFTSMAN flexible shafts only. Securely locks in place on any ½-inch motor shaft. Used whenever flexible shaft is attached direct to motor. Ball bearings are sealed for life against all foreign particles. Built of special alloy steel throughout. Shipping weight, 1 lb. 4 oz. 9 PT 2547.....\$3.75

CRAFTSMAN
Multi-Speed
Floor Type
Flexible Shaft

\$39⁵⁰
Less Motor

This outfit has the same fine features and the same extra heavy duty construction as the CRAFTSMAN Flexible Shaft Outfit above at left—but it's a big, husky, floor type model to give it even a wider range of uses! It's an ideal unit for shops, garages, etc.

The motor and enclosed multi-speed belt drive are on a rugged table which is mounted on a heavy steel column. This column mounts on a heavily built, easy rolling ball bearing castor base. Tool tray is provided for grinding wheels, etc. Outfit also includes precision ball bearing handpiece, casing and core. Over-all length of shaft, 6 feet.

- 99 PTM 2521—Without motor. Shipping weight, 87 pounds. \$39.50
- 99 PTM 2524—With 99 PT 05587 motor (Page 42). Shipping weight, 122 pounds. \$56.00

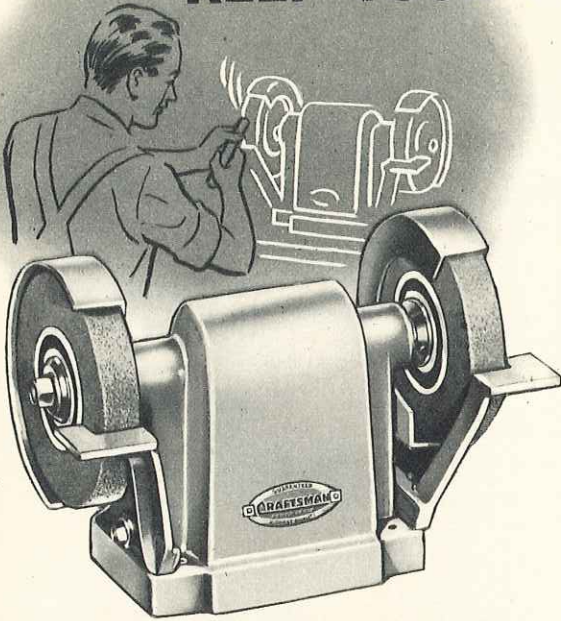
Angle Head

Permits mounting of accessories at right angles to shaft. Particularly handy for working on fenders, etc. Will fit either DUNLAP or CRAFTSMAN flexible shafts on these two pages. Spindles are mounted on 4 high quality ball bearings. Machined spiral bevel gears are hardened. Spindle threaded to ½-in. 24-thread for sanding discs, etc. Shipping weight, 3 pounds 8 ounces. 9 PT 2499.....\$16.50



\$1650

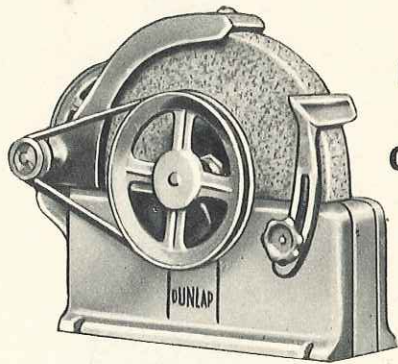
KEEP YOUR TOOLS SHARP! OWN A GRINDER!



CRAFTSMAN 6-INCH GRINDER

\$7.45 Heavy duty, precision built ball bearing grinder. Unsurpassed for ease of operation and long wearing qualities. All moving parts are cushioned on high quality ball bearings. Sealed against dirt to insure a long-life and quiet operation. 10-in. clearance between wheel centers. Perfectly machined 12 1/4 x 3/4-in. spindle turned down to 1/2 in. at ends. Hooded frame for safety. Two-step drive pulley for speed adjustment. Sturdy adjustable tool rests and wheel guards. Two CRAFTSMAN fully vitrified 6x1-in. grinding wheels, 1 medium coarse, 1 medium fine. Machined steel collars insure true running wheels. Complete with 42x1 1/2-inch V-belt. Drives from below or behind. Blue enamel finish. Shipping weight, 18 lbs.

99 PT 06649—Shipping weight, 18 lbs. \$7.45



DUNLAP 10-INCH WET GRINDER

\$7.95

An ideal grinder for home workshop, farm or factory. Restores a keen cutting edge to any tool or knife. Positively will not draw the temper of the steel. Highest grade natural Ohio grindstone, 10 in. in diameter, 1 1/2-in. face. Perfectly balanced. Heavy cast iron frame gives rigidity, prevents vibration. 3-in. adjustable tool rest. Stone rotates in bath of water. Handy drain plug in base. Splash guard over stone for greater protection. Built-in jack shaft for reducing speed of motor down to proper grinding speed. Long-life bronze bearings. Finished in blue enamel. Use 1 1/2-in. diameter motor pulley on 1750 R.P.M. motor. Complete with 6-inch V-drive pulley, jack shaft and V-belt.

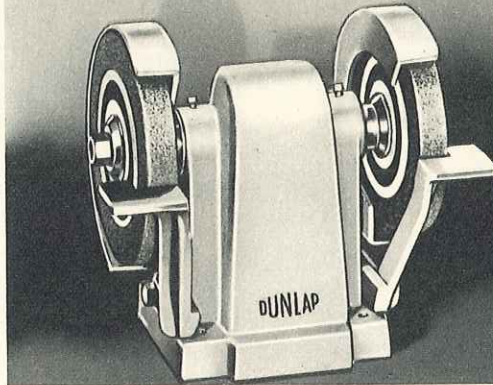
99 PT 06620—Shipping wt., 34 lbs. \$7.95

Grinding Goggles

Everyone using a grinding wheel or wire scratch wheel should use safety goggles. Give eyes complete protection against flying particles. Lenses are made of thick shatterproof glass. Non-corrosive, extra-strong metal frame. Wire mesh side screens give added protection. Shipping weight, 10 ounces.

9 PT 6401 \$1.50

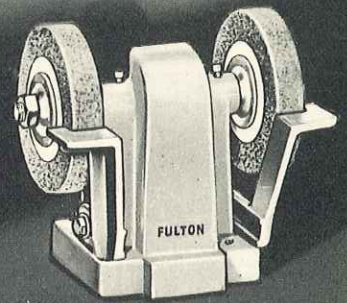
40 . . . SEARS-ROEBUCK



DUNLAP 6-INCH GRINDER

\$5.25 A sturdy, smooth running grinder ideal for home or shop. 7-in. clearance between wheel centers. 8 1/2-in. spindle is 5/8 in. in diameter, 1/2 in. at ends to fit standard wheels and accessories. Extra long bronze bearings. Adjustable wheel guards and tool rests. Shielded two-step V-drive pulley. Two HOWARD 6x1-inch fully vitrified grinding wheels; 1 medium coarse, 1 medium fine. Oil cups. Blue enamel finish.

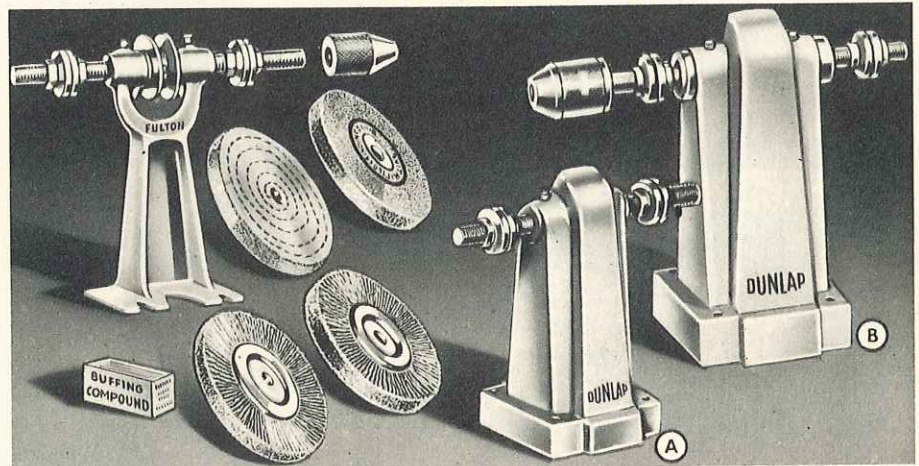
99 PT 06648—Shpg. wt., 15 lbs. \$5.25



FULTON 4-INCH GRINDER

\$1.89 A value at this low price. General utility grinder for keeping tools sharp. Can be driven from below or behind. Gray iron frame. Enclosed drive pulley. 7x5/8-in. steel spindle turned down to 1/2-in. at ends, fits all standard wheels and accessories. 2-in. diameter V-type pulley for 3/8 or 1/2-in. V-belt. Two fast-cutting 4x3/4-in. grinding wheels, 1 fine grain, 1 medium. Oil cups. Adjustable tool rests. Blue enamel finish.

9 PT 6639—Shpg. wt., 6 lbs. 2 oz. \$1.89



FULTON AND DUNLAP POLISHING HEADS AND SET

\$2.29 Once you have this polishing set you'll wonder how you ever got along without it! You'll agree that it's the handiest all-purpose tool in your entire shop! Sharpening tools, removing paint or rust, grinding, polishing, drilling—this set handles them all. Head is 6 1/2 inches high, has 8x1/2-inch spindle and is equipped with machined steel collars and oil cups. 1 1/4-inch V-type pulley for either 3/8 or 1/2-inch belt. Sturdily and accurately made of high-grade materials, this convenient set is good for years of service. Set includes the polishing head, 1/4-inch capacity 3-jaw chuck, 4x1/2-inch HOWARD medium fine vitrified grinding wheel, two 4-inch wire wheels (one coarse and one fine), a 6-inch cloth buffing wheel, and cake of buffing compound.

9 PT 6626—Complete polishing, grinding and general utility outfit as shown. Shipping weight, 4 pounds 10 ounces. \$2.29

9 PT 6613—Polishing head only, without chuck and accessories. Shpg. wt., 3 lbs. 12 oz. 89c

9 PT 2130—1/4-inch chuck only. Shipping weight, 5 ounces. 29c

\$1.15 **(A) Standard.** A sturdy, accurately made polishing head for home or shop. Long life bronze bearings. Rugged streamline designed gray iron frame covers drive pulley. Can be driven from below or behind. 8x1/2-inch steel spindle. Machined steel collars; 1 1/4-inch V-type pulley for either 3/8 or 1/2-inch belt. Can be used for grinding, scraping, buffing, polishing, etc. Accessories needed for above operations, see below and opposite page. Over-all height, 7 1/4 in. Blue enameled finish.

9 PT 6642—Shpg. wt., 3 lbs. 12 oz. \$1.15

(B) Heavy Duty. Highest quality materials and construction throughout. Long-life bronze bearings. Heavy cast iron frame. 9 1/2x1/2-in. steel spindle takes all standard wheels and accessories. Precision built 3-jaw chuck will take drills up to 3/8-inch in diameter. Can be driven from below or behind. Carefully machined steel collars. Streamlined hooded frame covers 2-inch V-type pulley. Can be run by either 3/8 or 1/2-inch V-belt. Oil cups. Over-all height, 8 3/4 in. Blue enamel finish.

9 PT 6643—Shpg. wt., 8 lbs. 4 oz. \$2.65

CRAFTSMAN Grinding Wheels

Fully vitrified aluminum oxide. Dressed on face and sides. Perfectly balanced. Flat face. State diameter, thickness, and hole size.

Diam.	Thickness	Shpg. Wt.	Each
4 in.	1/2 in.	1 lb.	\$0.49
4 in.	3/4 in.	1 lb. 4 oz.	.59
6 in.	3/4 in.	2 lbs. 12 oz.	1.00
6 in.	1 in.	3 lbs. 8 oz.	1.15
7 in.	1 in.	3 lbs. 10 oz.	1.25
7 in.	1 in.	4 lbs. 8 oz.	1.39



Steel Wire Scratch Wheels

For removing paint, rust, scale, for buffing tires, etc. Coarse wheels made from No. 33 wire. Fine wheels from .005 wire. 4-in. size has 1/2-in. arbor hole; 6-in. size has 1/2 or 3/8-in. hole. State diameter and hole size.



9 PT 6480—Coarse 30c
4-in. Shpg. wt., 5 oz.
6-in. Shpg. wt., 11 oz. 40c
9 PT 6482—Fine
4-in. Shpg. wt., 5 oz. 40c
6-in. Shpg. wt., 11 oz. 50c



DUNLAP 1/4-H. P. GRINDER

\$14⁹⁵

Would cost \$20 anywhere else. Built to give years of trouble-free service. Husky 1/4-H.P. motor is equipped with precision ball bearings, packed in grease and sealed against dirt. Powerful enough to handle most any job. Two 6x3/4-in. fully vitrified wheels, 1 coarse, 1 fine. Safety glass shields protect operator's eyes against flying grit. Shields can be adjusted for polishing and buffing. Adjustable tool rests. Built-in switch. Special rubber mountings insure freedom from vibration. Motor turns 3450 R.P.M. full load; 3600 R.P.M. no load. Shaft turned down to 1/2 in. at wheels. For 110-volt 60 cycle A.C. 6-foot cord and plug.

99 PT 02616—Shipping weight, 41 pounds..... \$14.95

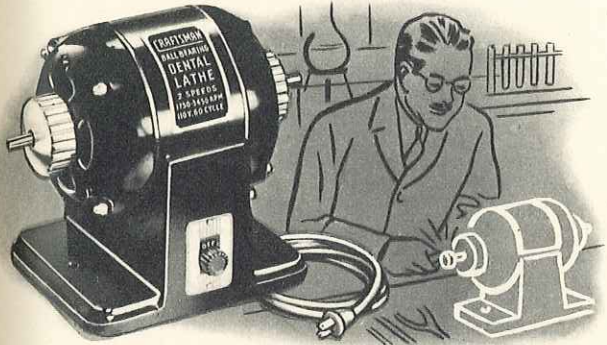


CRAFTSMAN 1/2-H. P. PRODUCTION GRINDER

\$23⁹⁵

A regular \$35 value. Built to give years of reliable service! Husky motor—larger wheels—greater clearance between wheels (13 in.). Wheel diameter is greater than that of motor so that work can be ground across face of machine. Easy starting reactor type induction motor has sealed in grease precision ball bearings protected against abrasive dust. Perfect fitting wheel collars and rubber mountings insure vibrationless operation. Two 7x3/4-in. vitrified wheels, one coarse, one fine. Built-in switch. Safety glass shields can be adjusted for polishing and buffing. Adjustable wheel guards and tool rests. 3450 R.P.M. full load, 3600 R.P.M. no load. Shaft turned down to 1/2 in. at wheels. For 110-volt, 60 cycle A.C. 6-ft. cord and plug.

99 PTM 2617—Shipping weight, 75 pounds..... \$23.95



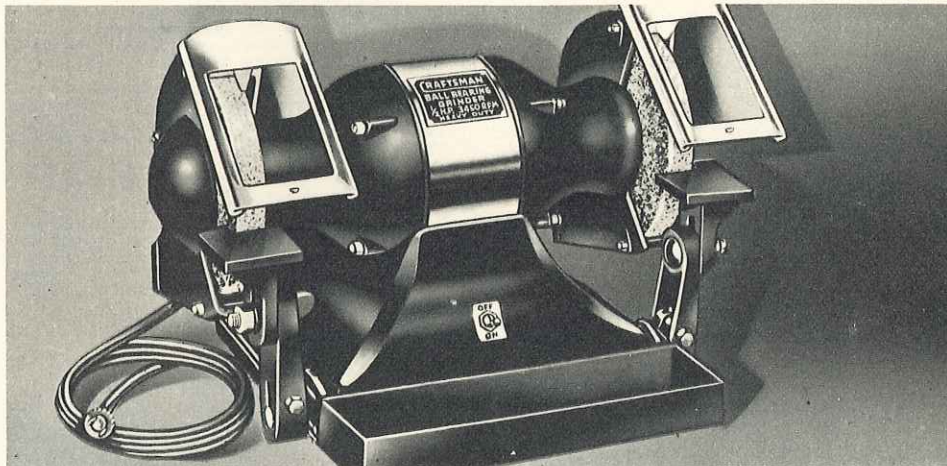
CRAFTSMAN 1/6-H. P. DENTISTS' LATHE

\$25⁰⁰

- Guaranteed to equal any lathe selling up to \$75.00 elsewhere.
- 2 speeds; 1750 to 3450 R.P.M.
- Will take any standard dental chuck.

Don't let a makeshift or obsolete lathe slow up your work. Especially when you can get a precision-built tool like this at such a low price. Will practically last a lifetime. Modern design—equipped with precision ball bearings, packed in grease. Accurately balanced, equipped with rubber mountings to eliminate vibration. Two accurately tapered shafts take chucks or accessories sold by your dental supply house. Quick action chuck removers speed up your work. Designed so that it is easy to work on—even on odd pieces with hard-to-get at places. For 110-volt 60 cycle A.C.

99 PT 05579—Shipping weight, 42 pounds..... \$25.00



CRAFTSMAN 1/2-H. P. INDUSTRIAL GRINDER

\$32⁹⁵

- Heavy duty, smooth running precision ball bearing motor.
- 3450 R.P.M. full load. (3600 R.P.M. no load.)
- Shatterproof glass shields—adjustable tool rests, removable for buffing. Detachable water pan for cooling off work.

Real \$45 value! Industrial type unsurpassed for day in, day out service. New, fast starting, smooth running reactor-start induction run motor. Ball bearings sealed in grease—protected against dust and dirt. Two fine quality 7x1-in. vitrified grinding wheels, 1 fine, 1 coarse. Shaft turned down to 5/8 in. at wheels. Large diameter of wheels permits work to be ground across face of machine. Large collars hold wheels in perfect alignment. Built-in switch. For 110-volt, 60 cycle A.C. 6-ft. cord and plug.

99 PTM 2609—Shipping weight, 97 pounds..... \$32.95



Buffing Compound

Hold the bar of buffing compound against a revolving buffing wheel and then apply the work to the buff. Produces a lustrous satiny finish on metal. May also be used for natural wood finish. Excellent for polishing cat-ain and other plastics. Shpg. wt., 5 oz.

9 PT 2876..... 15c



Pieced Buffing Wheels

Twenty thicknesses of first quality heavy bleached muslin, hand sorted and graded to standard. Pieced material with full disc covers. Extra strong 3/4-inch spiral sewing makes these wheels last longer—stand up better under high speeds. Well constructed, trimmed and balanced. Raked edges. 1/2-in. center hole.

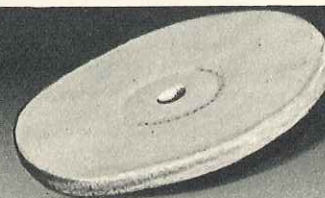
9 PT 6490—State diameter wanted, 9c
4-inch diameter. Shpg. wt., 2 oz. Ea. ... 9c
4-inch diameter. Shpg. wt., 3 oz. Ea. ... 14c
8-inch diameter. Shpg. wt., 4 oz. Ea. ... 24c



Sewed Buffing Wheels

Made of eighteen thicknesses of finest quality heavy unbleached muslin. Each piece is a full disc to insure perfect balance and better buffing. Extra strong 3/4-inch spiral sewing. Expertly trimmed and balanced. Raked edges. Choice of 1/2-inch or 1-inch center hole.

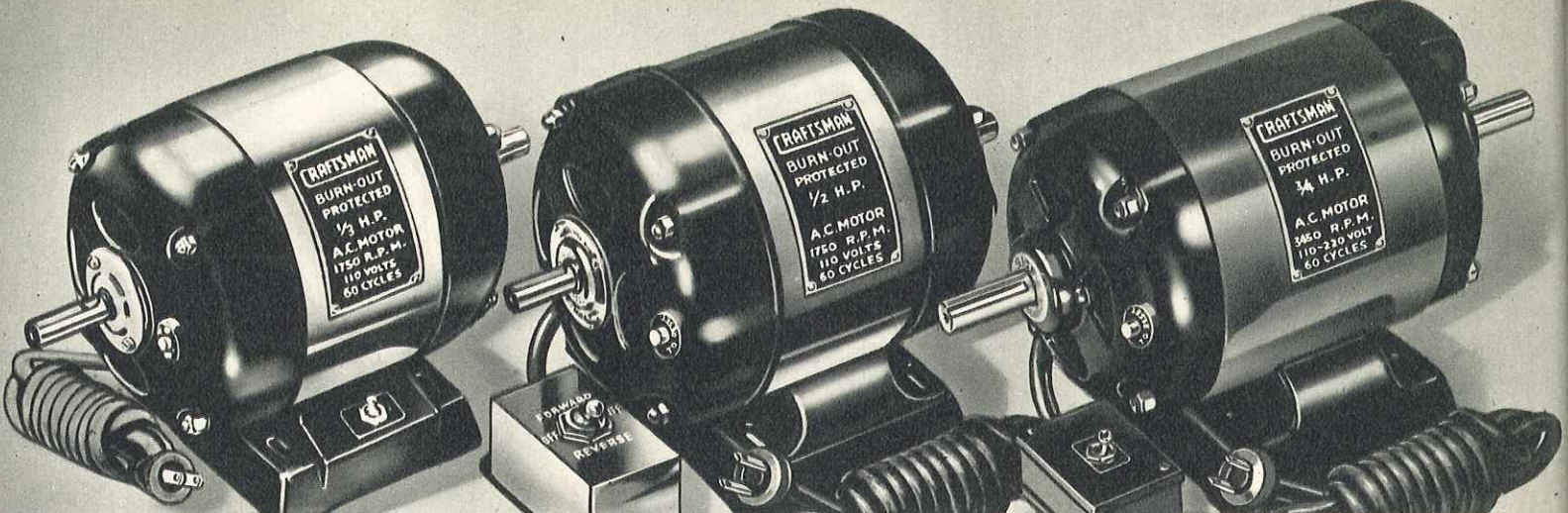
9 PT 6491—Be sure to state diameter and size of center hole wanted.
6-in. Shpg. wt., 3 oz. Each..... 15c
8-in. Shpg. wt., 5 oz. Each..... 25c
10-in. Shpg. wt., 7 oz. Each..... 33c
12-in. Shpg. wt., 10 oz. Each..... 40c
14-in. Shpg. wt., 14 oz. Each..... 50c



Loose Buffing Wheels

Eighteen thicknesses of finest heavy unbleached muslin. Each piece full disc for perfect balance and better buffing. Extra strong sewing around arbor hole enables wheel to fluff out—but will not come apart. Trimmed and balanced. Raked edges. Choice of 1/2 or 1-in. center hole.

9 PT 6494—Be sure to state diameter and size of center hole wanted.
6-in. Shpg. wt., 3 oz. Each..... 12c
8-in. Shpg. wt., 5 oz. Each..... 20c
10-in. Shpg. wt., 7 oz. Each..... 27c
12-in. Shpg. wt., 10 oz. Each..... 35c
14-in. Shpg. wt., 14 oz. Each..... 45c



CRAFTSMAN CONDENSER MOTORS
Priced to Save Up to 50%

\$11⁹⁵

1/2 H.P.

- Guaranteed 3 years against defects in material and workmanship
- Has built-in overload protector to prevent burn-out
- Grease-sealed precision ball bearings
- Built-in condenser reduces starting current.

The fine performance and trouble-free operation of condenser motors has made them tremendously popular! And here's one you can't match at anywhere near this low price! Bigger... stronger... heavier... built for year after year of service.

Built-in condenser reduces starting current—makes motor start more easily and come up to speed more rapidly. Not recommended for pumps or compressors, but handles heavy running loads if they are easily started. Ball bearing construction permits use of motor in any position. Handy built-in on-off switch. 1/2-inch double drive shaft extends 1 3/4 inches on both ends. 99 PT 01955 and 99 PT 01956 may be easily reversed by changing leads; 99 PT 05587 has built-in reversing switch. For 110-120 volt 60-cycle A.C. Complete with 8-ft. rubber cord and unbreakable plug. Base mounting, 3 3/4 x 5 inches.

- 99 PT 01955—1/2-H.P. 1750 R.P.M. Shipping weight, 32 pounds. \$11.95
- 99 PT 01956—1/2-H.P. 1750 R.P.M. Shipping weight, 35 pounds. \$14.95
- 99 PT 05587—1/2-H.P. 3450 R.P.M. For high speed power tools such as jointers, shapers, etc. Shipping weight, 36 pounds. \$16.45

CRAFTSMAN 1/2-H.P. CONDENSER
With Remote Control Switch

\$16⁵⁰

99 PT 05584

- Guaranteed 3 full years against defects in material and workmanship
- The same fine quality, and all the features of motor at left, and in addition is equipped with heavy duty remote control start-stop-reverse switch

One of the handiest motors ever designed! Motor is controlled by a single heavy start-stop-reverse switch mounted in a box and connected to motor by 30 inches of heavy rubber covered cord. Put your motor out of the way behind or below the machine; mount the switch at the front of the machine with the rest of your controls—and start, stop or reverse the motor with a flip of your finger! Far more convenient and far safer because your control is away from the driving belt and pulley. Particularly handy for power tools.

Aside from the remote control switch, this motor is exactly the same and has all the features of the 99 PT 01956 motor, shown at left. For 110-120 volt 60-cycle A.C. 1750 R.P.M. With 7 1/2-foot plug-in cord and 2 1/2-foot cord on switch.

- 99 PT 05584—1/2-H.P. Shipping weight, 36 pounds. \$16.50
- High Speed Motor.** This motor is exactly the same as the one listed above, but has a speed of 3450 R.P.M. This speed makes this motor ideal for high speed power tools, such as bench saws, jointers, shapers, etc. Complete with remote control switch and cord. Shipping weight, 37 pounds.
- 99 PT 01959. \$17.95

CRAFTSMAN 3/4-H.P. CONDENSER
With Remote Control Switch

\$24⁹⁵

- Guaranteed 3 full years against defects in materials and workmanship
- Equipped with precision ball bearings and burn out protection
- Remote control switch makes it very convenient to operate

This motor has all the fine quality and features which are described under the condenser motor at the far left of this page—but it is 3/4-H.P., 3450 R.P.M.; is equipped with a very handy remote control switch; and has a 3/8-in. double shaft. It is particularly designed for heavy duty high speed power tools such as the larger circular saws, jointer, etc.

The motor is controlled by a single heavy start-stop switch mounted in a box and connected to the motor with 46 inches of heavy rubber-covered cord. You can mount the switch at the front of the machine with the rest of the controls—and start or stop the motor with a flip of your finger—even if you have it mounted out of the way behind or below the machine. Far more convenient and safer than an ordinary motor because your control is away from the driving belt and pulley.

Has overload protector to prevent burn-out; shuts off current automatically if motor is overloaded or overheated; reset by pushing button. Built-in condenser reduces starting current—makes motor start more easily. Precision ball bearing construction permits use of motor in any position. For 110-220 volt 60-cycle A.C. Base mounting 3 3/4 x 5 inches. Shipping weight, 48 lbs.

- 99 PT 01970. \$24.95



DUNLAP 1/3-H.P. SPLIT PHASE

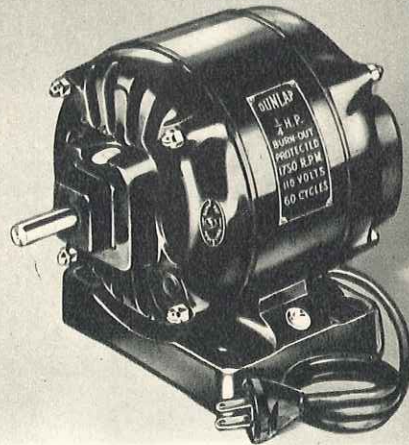
\$9⁹⁵

99 PT 05620

- Guaranteed 2 years against defects in material or workmanship
- Equipped with an overload protector to prevent motor from burning out
- Grease sealed precision ball bearings

Our finest and sturdiest split phase motor! Compares with motors selling for \$15! Every part is extra strong! Handles more than 2 1/2 times its rated H.P. before stalling! May be used in any position. Easily reversed. Handy built-in on-off switch. 1/2-inch double drive shaft extends 1 3/4 inches on both ends. Not for use on pumps or compressors. For 110-120 volt 60-cycle A.C. Motor speed, 1750 R.P.M. Complete with 8-foot cord and unbreakable plug. Base mounting, 3 3/4 inches x 5 inches. Shipping weight, 30 pounds.

- 99 PT 05620—1/3-H.P. \$9.95
- 99 PT 05583—KENMORE 1/4-H.P. Motor. Same as above except with diamond bored bronze bearings and without overload protector. Use in horizontal position only. Shipping weight, 29 pounds. \$8.45



DUNLAP 1/4-H.P. SPLIT PHASE

\$7²⁵

99 PT 05618

- This motor is guaranteed 2 full years against defects in material and workmanship
- Overload protector prevents burn-out!
- Sealed oil chambers; motor never needs oiling
- Diamond bored bronze bearings for long life

One of the sturdiest and most reliable 1/4-H.P. motors made! Handles heavy running loads if they are easily started. Handy built-in on-off switch. Easily reversed. Use in horizontal position only. 1/2-inch drive shaft extends 1 3/4 in. For 110-120 volt 60-cycle A.C. Speed, 1750 R.P.M. 8-foot rubber covered cord and plug. Mounting dimensions, 3 3/4 x 5 in.

- 99 PT 05618—Shpg. wt., 27 lbs. \$7.25

FULTON 1/4-H.P. Split Phase Motor—Guaranteed 1 Year

\$5⁴⁵

- \$8 value! Heavy bronze bearings. Easily reversed. 1/2-inch shaft extends 1 3/4 in. 1750 R.P.M. For 110-120 volt 60-cycle A.C. Mounting dimensions, 3 3/4 x 5 in. 8-foot cord and plug.
- 99 PT 05601—Shpg. wt., 24 lbs. \$5.45

BE SURE TO BUY THE RIGHT MOTOR

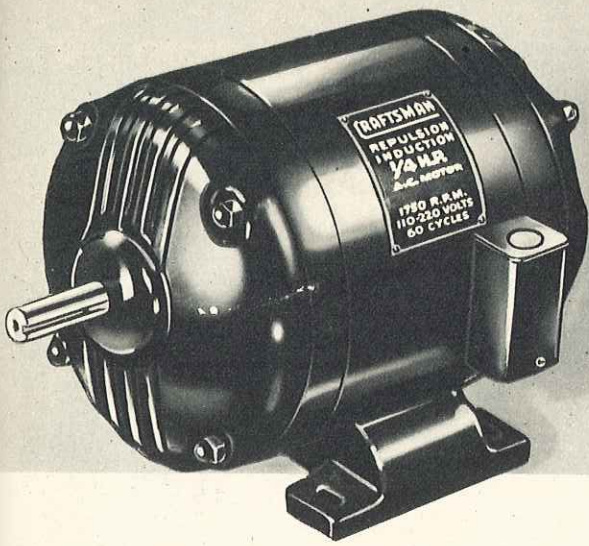
• **Split Phase and Condenser Motors.** Recommended for loads which are not hard to start, such as washing machines, power tools, etc. They are NOT designed for hard-starting jobs, such as pumps, compressors, etc. Use of these motors on hard-starting jobs will void their guarantees. Condenser motors use about one-half the starting current required by split phase motors, and they will start somewhat heavier loads.

• **Repulsion-Induction and 3-Phase Motors.** You MUST use an R.-I. motor or a 3-phase motor on hard-starting jobs. These types will start loads 3 to 5 times their rated horsepower. A 3-phase motor can be used ONLY on 3-phase current. 3-phase current generally is used only in factories.

• **Size of Motor.** Buy it big enough. A motor slightly too large will last years longer than one slightly too small.

• **Line Capacity.** Most 110-volt 60-cycle appliance outlets will carry up through 1/2-H.P. motors, but no larger. Most single phase 220-volt rural power lines will carry a 5-H.P. motor, but no larger. Check with your power company before buying larger motors.

• **Bearings.** Bronze bearing motors MUST be used with shaft horizontal. Ball bearing motors can be used in any position.



CRAFTSMAN REPULSION-INDUCTION MOTORS

\$11.40
1/4-H.P.

Guaranteed 3 years against defects in materials and workmanship. Equal to the finest motors listed by many large manufacturers! It's second only to our great MASTER CRAFTSMAN at right! Develops 3 to 4 times rated horse power torque while starting—easily starts the heaviest loads! Giant oil wells—our engineers say this motor will NEVER need oiling, but we have provided oil holes as an extra precaution. Large air vents and powerful fan keep motor cool. Meets A.I.E.E., N.E.M.A., and Central Station requirements. Heavy bronze bearings. Use in horizontal position only. Shaft in 1/2-H.P. and larger has keyway. 1750 R.P.M. Direction of rotation easily reversed. Motors larger than 1-H.P. have standard N.E.M.A. dimensions—are interchangeable with other makes. Sizes over 1-H.P. have regular oil wells—not giant type. Check phase, voltage, cycle and capacity of your power line before ordering. Sizes up to 1 1/2-H.P. shipped from stock, not prepaid. Motors of 2-H.P. or more shipped from New York City, prepaid, except in Seattle or Los Angeles territory where customer pays freight. Have that new motor NOW! Use Sears Easy Terms.

\$14.95
1/4-H.P.

MASTER CRAFTSMAN REPULSION-INDUCTION MOTORS

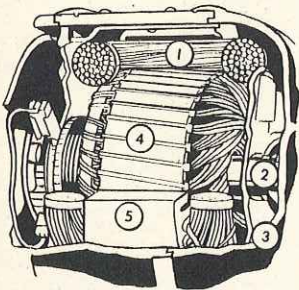
Guaranteed 3 years against defects in materials and workmanship. No finer motor of this type has ever been built! Tremendous overload capacity. You CAN'T match it anywhere else because it has features which have never been offered in one motor before! See cut-away view below for detailed explanation of features. Heavier windings for extra power—motor develops 4 to 5 times rated H.P. torque while starting; will actually carry more than its rated H.P. continuously... Overload protector prevents burn-out—current shuts off automatically if motor is ever overloaded or overheated... Giant oil wells—our engineers say this motor will NEVER need oiling, but we have provided oil holes as an extra precaution... Bigger and heavier frame for permanent accuracy of alignment, quieter operation, and longer life... Finest heavy bronze bearings.

Meets all A.I.E.E., N.E.M.A., and Central Station requirements. Large air vents and powerful fan keep motor cool—will not overheat when run steadily at full rated load. Shaft in 1/2-H.P. and larger has keyway. 1750 R.P.M. Use in horizontal position. Direction of rotation easily reversed. Before ordering, check voltage, phase, cycle and capacity of your power line.

Single Phase—Repulsion Induction 110-220 volt, 60-cycle A.C.						Three Phase—Squirrel Cage Type 220-440-volt, 60-cycle A.C.					
Catalog Number	H.P.	Size, Shaft, Inch	Base Mounting, Inches	Shpg. Wt., Lbs.	Cash Price	Catalog Number	H.P.	Size, Shaft, Inch	Base Mounting, Inches	Shpg. Wt., Lbs.	Cash Price
99PT01950	1/4	5/8	3 1/4 x 6	35	\$11.40	99PTM5644	1	3/4	9 x 10	84	\$33.50
99PT01951	1/2	5/8	3 3/4 x 6	38	16.95	99PTM5645	1 1/2	1	10 3/4 x 11	115	39.90
99PTM1952	3/4	5/8	3 3/4 x 7 1/2	71	19.95	99PTM5627F2	1	1	11 x 11 1/2	130	47.50
99PTM1953	1	3/4	4 3/4 x 7 1/2	77	27.95	99PTM5628F3	1	1 1/2	11 x 11 1/2	135	52.50
99PTM1954	1 1/2	3/4	4 3/4 x 7 1/2	83	36.00	99PTM5629F5	1 1/2	1 1/2	12 1/2 x 13 1/4	173	65.00
99PTM5626	1 1/2	1	6 3/4 x 9	142	48.50	99PTM5646F7 1/2	1 1/2	1 1/4	14 x 15	278	85.00
99PTM5640F2	1	1	7 1/2 x 9	155	59.90	99PTM5647F10	1 3/4	1 3/4	16 x 17	345	108.00
99PTM5641F3	1	1	7 1/2 x 9	167	79.50						
99PTM5643F5	1 1/2	1 1/4	10 x 8 1/4	342	129.00						

Single Phase—Repulsion-Induction. 110-220-volt, 60-cycle A.C.

Catalog No.	H.P.	Shaft Diam.	Base Mountings	Shpg. Wt.	Price
99 PT 01960	1/4	5/8 inch	3 1/4 x 6 inches	39 pounds	\$14.95
99 PT 01961	1/2	5/8 inch	3 3/4 x 6 inches	44 pounds	18.95
99 PTM 1962	3/4	5/8 inch	4 3/4 x 7 1/2 inches	77 pounds	24.95
99 PTM 1963	1	3/4 inch	4 3/4 x 7 1/2 inches	84 pounds	32.95
99 PTM 1964	1 1/2	3/4 inch	5 3/4 x 7 1/2 inches	92 pounds	39.95



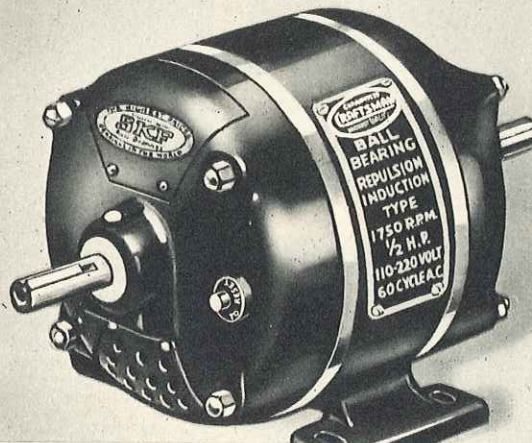
NOTE THESE IMPORTANT FEATURES

This is a cut-away view of the repulsion-induction motors shown at the top of this page. Notice the following features:

- 1 Husky windings and four large brushes insure high starting torque. Motors actually develop 3 to 5 times rated H.P. torque while starting.
- 2 Oversize bronze bearings—expensive, but recognized as the finest sleeve type bearings.
- 3 Gray iron frame for perfect alignment, as in all finest motors.
- 4 Powerful rotor has very heavy windings for extra power and longer life.
- 5 The laminations are carefully designed to give a very strong field.

SEARS MOTOR GUARANTEES

All Sears motors are guaranteed against defects in materials and workmanship for a definite number of years, as shown in each individual description. If any motor, when properly used, shows any such defect within the time specified, it will be replaced or re-conditioned without charge.



CRAFTSMAN HEAVY DUTY MOTOR

\$27.95

- Guaranteed 3 years against defects in materials and workmanship.
- Fitted with precision ball bearings—and overload protection.
- Equipped with double drive shaft.

You can't select a finer motor for power tools than this! A heavy duty 1/2-H.P. repulsion-induction single-phase motor with ball bearing construction which permits it to be operated in any position. May be used on vertical drives, such as drill presses, etc. The sealed ball bearings will operate for long periods without requiring attention. The double shaft permits driving two different machines without moving the motor. Built for years of trouble-free service. Meets A.I.E.E., N.E.M.A. and Central Station requirements. Has tremendous overload capacity. Easily reversed. Operates on 110-120 volt 60-cycle A.C. 1750 R.P.M. Base mounting, 3 3/4 x 7 1/2 in. 3/4-inch double drive shaft. Shipping weight, 68 pounds.

99 PTM 5619—1/2-H.P. \$27.95

CRAFTSMAN HIGH SPEED MOTOR

\$19.95

1/2-H.P.

- Guaranteed 3 years against defects in materials and workmanship.
- Fitted with precision ball bearings—may be used in any position.
- Equipped with double drive shaft.
- Needs lubrication only twice a year.

These husky, high speed, repulsion-induction motors are recommended for shapers, bench saws, jointers, and other uses where a motor speed of 3450 R.P.M. is desired. Packed with power! Easily reversed. The 1/2-H.P. and 3/4-H.P. sizes have built-in starting switch and rubber covered cord. The 1-H.P. size has remote control switch, and heavy rubber-covered cord. All are 3450 R.P.M. Single phase. For 110-220 volt 60-cycle A.C. Double shaft. Mounting dimensions, 3 3/4 x 5 inches.

Catalog No.	H.P.	Shaft	Shpg. Wt.	Price
99 PT 05608	1/2	1/2 in.	33 lbs.	\$19.95
99 PT 05611	3/4	3/4 in.	45 lbs.	32.50
99 PTM 5605	1	3/4 in.	62 lbs.	39.95

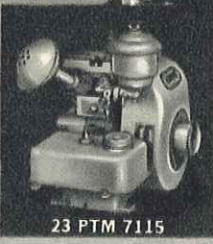
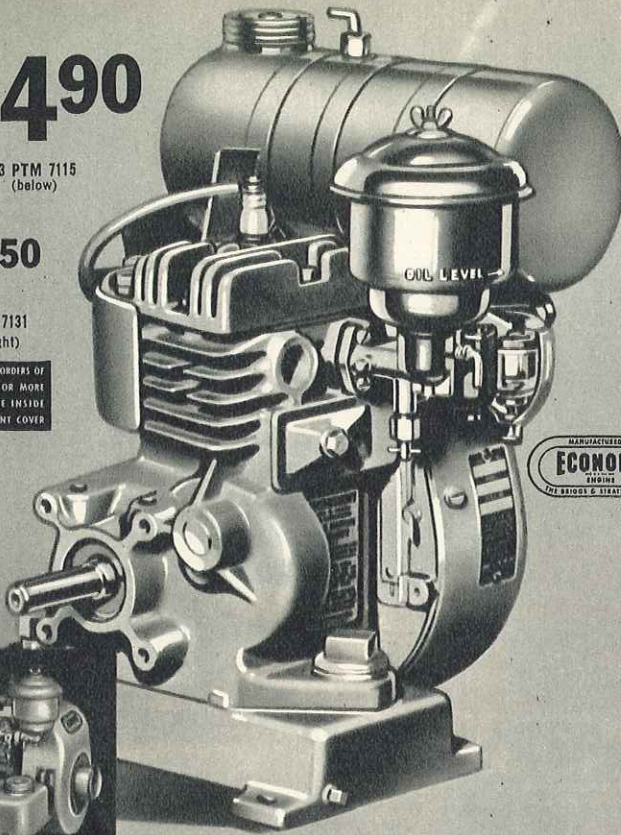
\$24.90

23 PTM 7115
(below)

\$31.50

23 PTM 7131
(at right)

ON ORDERS OF \$10 OR MORE
SEE INSIDE FRONT COVER
Easy Terms!



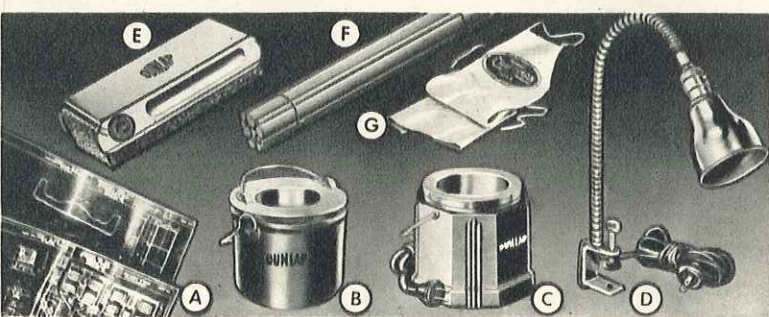
2/3-H. P. and 1-H. P. ECONOMY AIR COOLED GASOLINE ENGINES

- You actually save 20% to 30%! Made by Briggs & Stratton.
- Complete with starter, air cleaner, mounted gasoline tank.

Now you can have all the fun and convenience of power tools wherever you are. Just fit up a complete, efficient workshop with one of these famous Briggs & Stratton Engines and the line shaft set-up described below at the right. Here is plenty of power at the very lowest possible operating cost. These are the same engines thousands of our customers now use for running pump jacks, separators, lawn mowers, air compressors and similar machines. This great Briggs & Stratton engine is recognized as the finest of its type in America! Now more power than ever! Develops up to 20% more than rated H.P.! Runs all day on a gallon of gas. 4-cycle. Air cooled. Not affected by hot or cold weather—never overheats—cannot freeze.

We don't have the space to describe all its super-quality features, but here are a few. Oil pump driven from cam shaft assures positive lubrication. Moving parts run in constant bath of oil. All models have oil bath cleaner to keep out dust and grit—worth up to \$5 if bought separately! Specially hardened aluminum alloy piston with 2 compression rings and 1 oil ring. Semi-steel cylinder and crankcase, and aluminum alloy head. Cylinder honed to micrometer exactness. High tension moisture-proof magneto. Adjustable automatic governor. Pulley not included (see opposite page). In replacing an electric motor, buy a gas engine of double the rated H.P. of the electric motor.

Rated H.P. With Ample Reserve	Actual Peak	OPERATING SPEED RANGE			Bore and Stroke	Fuel Cap. Gal.	Shaft Dam.	Catalog Number	Shpg. Wt. Lbs.	Price
		Min.	Best	Max.						
3/4	3/4 H.P.	2200	2700	3000	2x1 1/2 in.	1/4	3/8 in.	23 PTM 7115	49	\$24.90
1	1 1/4 H.P.	2600	3300	4000	2x1 1/2 in.	1/2	3/8 in.	23 PTM 7131	50	\$31.50



- A Assorted Blueprints.** Easy to read. Give complete data for materials needed for: (1) Priscilla sewing cabinet, (2) High back lawn chair, (3) Colonial spinet desk, (4) Drop leaf table, (5) Garden trellis, (6) Old West silhouettes (7) Work bench, (8) Hanging book rack, (9) Cobbler's bench table lamp, (10) Cedar lined chest. State number. Shpg. wt., each, 3 oz. 9 PT 2900—Each..... 19c
- B Cast Iron Glue Pot.** Built like a double boiler; one container for glue, other for water. Aluminum glue cup, 1/2-pint capacity. 9 PT 2887—Shpg. wt., 4 lbs. 8 oz..... \$1.10
- C Electric Glue Pot.** Thermostat automatically controls heat, saves electricity. Glue always at constant temperature. 1-pt. cup. Approved by Underwriters' Laboratories. For 110-120-volt 60 cycle A.C. and 110-volt D.C. Cord and plug. Stir wire included. 9 PT 2892—Shpg. wt., 6 lbs. 8 oz..... \$3.75
- D DUNLAP Tool Light.** 15-in. flexible neck. New type adjustable clamp. Extra large reflector keeps light out of your eyes; throws it on the work. Over-all length, 23 in. Complete with switch, clamp and cord. 9 PT 2264—Shpg. wt., 1 lb. 12 oz..... \$1.59
- E DUNLAP Sanding Block.** Cadmium plated steel. Roll of sanding cloth stretches over rubber cushion; pull out new section as it wears out. 9 PT 3681—Complete. Shpg. wt., 12 oz..... 49c 9 PT 3688—Refill roll. Shpg. wt., 1 oz..... 8c
- F Wood Dowel Rod Assortment.** 14 assorted sizes from 3/4 to 3/8-in. in diameter. 16 in. long. Exceptionally clean grain hardwood. 9 PT 2909—Shpg. wt., 14 oz..... 15c
- G CRAFTSMAN Shop Apron.** Excellent quality heavy canvas. 42 inches long. Large pockets. Securely attached ties. Stands repeated washings. 9 PT 2950—Shpg. wt., 9 oz..... 39c

Floating Motor Rails

A Use one motor for several tools! Just fasten set of clips near each tool, and shift motor with rail from one tool to another. Keeps belt at proper tension.

- 9 PT 2275—Floating motor rail and one pair clips. Shpg. wt., 1 lb. 13 oz.... 50c
- 9 PT 2277—Pair rail clips only. Shipping weight, 7 ounces..... 20c

Adjustable Motor Rails

B Recommended for jobs where motor is to be used on only one tool and not moved from tool to tool. To adjust belts merely loosen bolts holding motor to rail, slide motor for belt tension wanted and tighten bolts. Makes belt adjustments very simple. Be careful not to run your V belts too tight. Shipping weight, 3 pounds.

- 9 PT 2279—Per pair..... 50c

Deluxe Floating Motor Rail

C Improved type! For smooth, vibrationless operation. All the advantages of the regular type PLUS rubber cushioning, rear end support, and right angle clips. The right angle clips may be used in normal or right angle position. Motor rail and pivot support are used to carry rear end of motor. Pivot has rubber ball that rests in socket. Will fit nearly all fractional horse power motors. Designed so that these rails can be used with the standard type clips if desired. Shipping weight, 2 pounds.

- 9 PT 2326—Complete set..... 79c
- 9 PT 2328—Pair right angle clips only. Shipping weight, 10 ounces..... 29c
- 9 PT 2330—Rear rail only, with pivot and socket. Shipping weight, 1 pound..... 29c

Motor Base Adapter

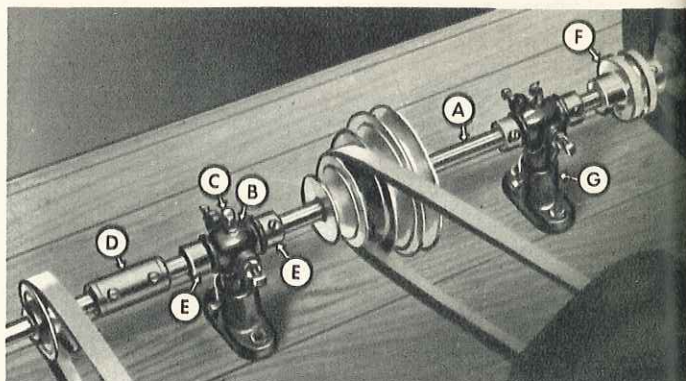
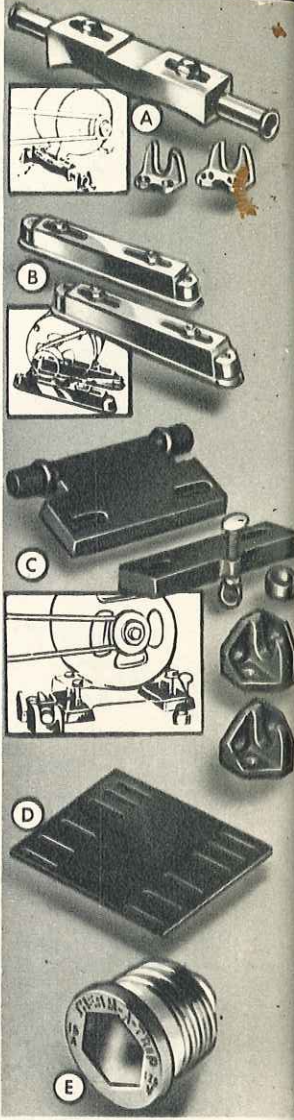
D For machines without standard motor mounting. Heavy steel plate with series of slots. Helpful in adapting new motor to pumps, washing machines, power tools and other machines with odd size motor mountings. Fits most motors up to 3/4-H.P. and some 1-H.P. motors. Shpg. wt., 1 lb. 8 oz.

- 9 PT 5593..... 45c

Thermatrip Fuse

E Perfect protection! Carries the momentarily high current necessary to start a split phase motor, but blows on short circuit or continuous overload. Interchangeable with ordinary fuses. Approved by Underwriters. Shipping weight, 2 ounces.

- 9 PT 1985—Each..... 8c



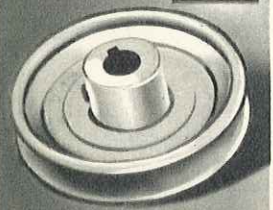
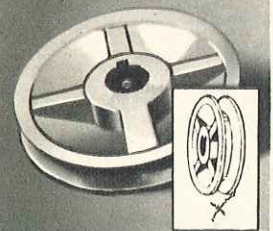
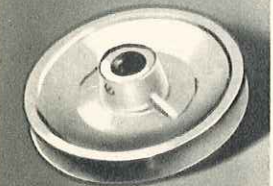
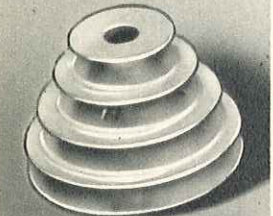
Line Shaft, Hangers and Accessories

Equip your line shaft with Sears accessories and know you have the best. Accurately machined by skilled workmen for long life. Line shafts come in two sizes: 1/2-inch for light tools; 3/4-inch for heavier machines and larger motors. Oil cups are easily installed in place of plugs. Make sure that bushings receive the proper oiling essential for good performance. Rigid couplings frequently are used for connecting sections of line shafting. Line shaft collars prevent endwise "drift" of shaft. Flexible couplings are used on such jobs as connecting a motor shaft to a line shaft. Self-adjusting for minor misalignment, thus preventing excessive bearing wear. Husky bronze bearing hangers are adjustable to permit perfect shaft alignment necessary for free turning, non-binding operation. 3/4-inch hangers should be spaced approximately every 18 inches; 1/2-inch hangers every 24 inches. Pillow blocks do same job as hangers but do not have adjustments. When you set up your lineshaft, oil freely and be sure it turns easily before you turn on the motor.

Catalog No.		Shpg. Wt.	Each
(A) 9 PT 2833	1/2-in. x 24-in. Steel Shaft	1 lb. 15 oz.	29c
(A) 99 PT 02834	1/2-in. x 48-in. Steel Shaft	3 lbs.	49c
(A) 99 PT 02835	3/4-in. x 48-in. Steel Shaft	7 lbs.	95c
(B) 9 PT 2822	1/2-in. Bronze Bushed Bearing	4 oz.	29c
(C) 9 PT 2829	Wick Oil Cups	1 oz.	5c
(D) 9 PT 2839	1/2-in. Rigid Coupling	5 oz.	19c
(E) 9 PT 2824	1/2-in. Line Shaft Collar	2 oz.	9c
(E) 9 PT 2825	3/4-in. Line Shaft Collar	3 oz.	15c
(F) 9 PT 2840	Flexible Coupling (Specify 1/2, 3/4 or 5/8 in.)	12 oz.	29c
(G) 9 PT 2828	1/2-inch Bronze Bushed Shaft Hanger	1 lb. 8 oz.	95c
(G) 9 PT 2829	3/4-inch Bronze Bushed Shaft Hanger	1 lb. 12 oz.	\$1.19
9 PT 2830	1/2-inch Needle Bearing Hanger	1 lb.	1.45
9 PT 2826	1/2-in. Bronze Bushed Pillow Block	8 oz.	39c
9 PT 2827	3/4-in. Bronze Bushed Pillow Block	1 lb.	59c

DUNLAP V-BELT PULLEYS

A complete line of V-belt pulleys for power tool use. Scientifically designed, carefully and accurately made of finest materials. Balanced to run perfectly true. Grooves are machined so as to be perfectly true. Bore machined to exact size. This careful construction insures more pulling power. 2 set screws in collar of each die cast pulley. Diameter given refers to outer edge of pulley, not groove. **State size bore wanted.**



Cone Pulleys—3 and 4-Step

Cone pulleys are used to get speed variation. The large step of one is placed opposite the small step of another of the same size. Shifting belt from step to step gives different speeds. Grooves accommodate $\frac{3}{8}$ or $\frac{1}{2}$ -in. belts. Size of bore, $\frac{1}{2}$, $\frac{3}{4}$ or $\frac{1}{2}$ -inch. **State bore size.**

Catalog No.	Size	Steps	Diam., Step, In.	Shpg. Wt.	Each
9 PT 2788	$\frac{3}{8}$ in.	3	$\frac{3}{8}$, $\frac{2}{8}$, $\frac{2}{8}$	1 lb.	50c
9 PT 2792	$\frac{1}{2}$ in.	4	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{2}{8}$, $\frac{2}{8}$	1 lb. 10 oz.	55c
9 PT 2793	$\frac{3}{4}$ in.	4	$\frac{3}{4}$, $\frac{3}{8}$, $\frac{2}{8}$, $\frac{2}{8}$	1 lb. 14 oz.	75c

Single Groove V Pulleys

Made of highest quality Zamac alloy. Sturdy and smooth running. Strong flanges and hubs. Two heavy set screws. Turned grooves and reamed bores. Grooves accommodate $\frac{3}{8}$ or $\frac{1}{2}$ -inch wide V belts, except 9 PT 2800 which is for use with $\frac{3}{8}$ -inch belt only. Attractively finished in silver aluminum color. **State size of bore.**

Catalog No.	Diameter	Bore, In.	Shpg. Wt.	Each
9 PT 2800	$\frac{1}{2}$ in.	$\frac{1}{2}$	3 oz.	15c
9 PT 2801	2 in.	$\frac{1}{2}$, $\frac{3}{8}$	5 oz.	19c
9 PT 2802	$2\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	6 oz.	23c
9 PT 2803	3 in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	7 oz.	28c
9 PT 2804	4 in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	10 oz.	38c
9 PT 2805	5 in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	15 oz.	46c
9 PT 2806	$6\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	1 lb. 6 oz.	69c

New Type Hubless V Pulleys.

Streamlined design! Eliminates hub—permits pulleys to be placed side by side for multiple drives—set screws now in center of pulley groove. Same fine quality as pulleys 9 PT 2800, etc. Grooves will accommodate $\frac{3}{8}$ or $\frac{1}{2}$ -in. wide "V" belts. **State bore wanted.**

Catalog No.	Diameter	Bore, In.	Shpg. Wt.	Each
9 PT 2901	2 in.	$\frac{1}{2}$, $\frac{3}{8}$	6 oz.	19c
9 PT 2902	$2\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	9 oz.	23c
9 PT 2903	3 in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	11 oz.	28c

Heavy Duty Steel V Pulleys

Built expressly for production work. Massive pressed steel construction with steel or malleable iron hubs. Fit V belts $\frac{3}{8}$ or $\frac{1}{2}$ -in wide. Keyways provided in all pulleys with $\frac{3}{8}$ or $\frac{1}{2}$ -in. bore. All pulleys have 1 hollow head set screw and wrench. **Be sure to state bore wanted.**

Catalog No.	Diameter	Bore, In.	Shpg. Wt.	Each
9 PT 2880	$\frac{1}{2}$ in.	$\frac{1}{2}$	5 oz.	29c
9 PT 2881	2 in.	$\frac{1}{2}$, $\frac{3}{8}$	6 oz.	35c
9 PT 2882	$2\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	9 oz.	39c
9 PT 2883	3 in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	12 oz.	49c
9 PT 2884	4 in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	1 lb.	68c
9 PT 2885	5 in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	1 lb. 4 oz.	69c
9 PT 2886	$6\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$, 1	1 lb. 10 oz.	89c
9 PT 2808	8 in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$, 1	2 lbs. 4 oz.	\$1.19
9 PT 2810	10 in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$, 1	3 lbs.	1.49
9 PT 2812	12 in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$, 1	3 lbs. 13 oz.	1.95
9 PT 2815	$15\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$, 1	6 lbs. 5 oz.	2.98

2-Groove Steel V Pulleys

2-groove drive efficiency at a moderate price. Built to withstand many years of hard service. Fitted with standard keyways and hollow head set screws. Wrench supplied. For domestic applications. For V belts $\frac{1}{2}$ or $\frac{3}{8}$ -inch wide. **Be sure to state size of bore wanted.**

Catalog No.	Diam.	Bore, In.	Shpg. Wt.	Each
9 PT 2940	3 in.	$\frac{5}{8}$, $\frac{3}{4}$, 1	1 lb. 13 oz.	\$2.49
9 PT 2941	4 in.	$\frac{5}{8}$, $\frac{3}{4}$, 1	3 lbs.	2.98
9 PT 2942	5 in.	$\frac{3}{4}$, 1, $1\frac{1}{16}$	3 lbs. 6 oz.	3.59
9 PT 2943	6 in.	$\frac{3}{4}$, 1, $1\frac{1}{16}$	4 lbs.	4.19
9 PT 2944	8 in.	1, $1\frac{1}{16}$, $\frac{3}{8}$	7 lbs. 4 oz.	5.99
9 PT 2945	10 in.	1, $1\frac{1}{16}$, $\frac{3}{8}$	7 lbs.	6.98
9 PT 2946	12 in.	1, $1\frac{1}{16}$, $\frac{3}{8}$	8 lbs. 10 oz.	6.85

Hollow Head Set Screws

(A) Take place of ordinary set screws in machines and pulleys. Tremendous pressure exerted by wrench prevents screw from loosening. Nickel alloy steel. **State size.** Shpg. wt., each, 2 oz.

9 PT 2811— $\frac{1}{4}$ x $\frac{1}{2}$ in. or $\frac{3}{8}$ x $\frac{5}{8}$ in. 5c
9 PT 2809— $\frac{1}{4}$ x $\frac{1}{2}$ in. or $\frac{3}{8}$ x $\frac{1}{2}$ in. 5c

(B) Wrenches for above hollow head set screws. **State size wanted.** Shipping weight, each, 1 ounce.
9 PT 2813— $\frac{1}{4}$ or $\frac{3}{8}$ in. 6c; $\frac{3}{8}$ in. 5c; $\frac{1}{2}$ in. 5c

Flat Belt Pulleys

(A) Made from die cast alloy; have nearly twice the tensile strength of cast iron. Fitted with hardened set screw. Accurate bores fit shaft perfectly. Properly crowned so that belts run true and last longer. Carefully balanced to run smoothly. $\frac{3}{8}$ -in. and larger have keyway slot.
9 PT 2798—**Be sure to state size and shaft diameter wanted.**

Diam. and Face, In.	For Shaft, In.	Shpg. Wt. Lbs. Oz.	Each
2 x 2	$\frac{1}{2}$	12	29c
$2\frac{1}{2}$ x $2\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{8}$	1	39c
3 x 3	$\frac{3}{8}$, $\frac{3}{4}$, 1	3	59c
4 x $3\frac{1}{2}$	$\frac{3}{4}$, 1	2	95c

Hard Fiber Flat Pulleys

(B) Highest quality! Built to last! Particularly recommended for use as motor drive pulleys in industrial applications. Made with accurate cores to insure true running. Faces won't wear smooth. Transmit maximum power because there's minimum slippage.
9 PT 2799—**Be sure to state size and shaft diameter wanted.**

Diam. and Face, In.	For Shaft, In.	Shpg. Wt. Lbs. Oz.	Each
$1\frac{1}{2}$ x $2\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{8}$	12	\$1.15
2 x $2\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{8}$	1	1.45
$2\frac{1}{2}$ x $2\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	3	1.55
3 x $3\frac{1}{2}$	$\frac{3}{8}$, $\frac{3}{4}$, 1	2	1.79
4 x $4\frac{1}{2}$	$\frac{3}{4}$, 1	4	2.25

DUNLAP VULCANIZED CORD V-BELTS



Long wearing, true running, resist slipping and stretching. Transmit power with least friction loss. Heavy duty cord wrapper—flexible inner cushion of tough rubber—strong cord reinforcing at line of pitch—all vulcanized into one inseparable unit. Length shown is distance around outside of belt. See "How to Measure" above.

20c
9 PT 2750

$\frac{3}{8}$ -inch V-Belts

Their flexibility makes them ideal for drives over small diameter pulleys. **Measure your belt. See above.**

Catalog No.	Length	Width	Shpg. Wt.	Each
9 PT 2750	20 in.	$\frac{3}{8}$ in.	3 oz.	20c
9 PT 2751	24 in.	$\frac{3}{8}$ in.	3 oz.	24c
9 PT 2752	30 in.	$\frac{3}{8}$ in.	4 oz.	30c
9 PT 2753	36 in.	$\frac{3}{8}$ in.	4 oz.	36c
9 PT 2754	42 in.	$\frac{3}{8}$ in.	4 oz.	42c

$\frac{1}{2}$ -inch (A Section) V-Belts

A general purpose size for most applications with single V pulleys. **Measure your belt. See above.**

Catalog No.	Length	Width	Shpg. Wt.	Each
9 PT 2758	28 in.	$\frac{1}{2}$ in.	5 oz.	28c
9 PT 2816	30 in.	$\frac{1}{2}$ in.	5 oz.	30c
9 PT 2759	32 in.	$\frac{1}{2}$ in.	4 oz.	32c
9 PT 2760	34 in.	$\frac{1}{2}$ in.	4 oz.	34c
9 PT 2761	36 in.	$\frac{1}{2}$ in.	6 oz.	36c
9 PT 2762	38 in.	$\frac{1}{2}$ in.	6 oz.	38c
9 PT 2817	40 in.	$\frac{1}{2}$ in.	7 oz.	40c
9 PT 2763	42 in.	$\frac{1}{2}$ in.	7 oz.	42c
9 PT 2757	45 in.	$\frac{1}{2}$ in.	7 oz.	45c
9 PT 2818	48 in.	$\frac{1}{2}$ in.	7 oz.	46c
9 PT 2764	48 in.	$\frac{1}{2}$ in.	7 oz.	48c
9 PT 2765	54 in.	$\frac{1}{2}$ in.	7 oz.	54c
9 PT 2766	58 in.	$\frac{1}{2}$ in.	8 oz.	58c
9 PT 2767	66 in.	$\frac{1}{2}$ in.	9 oz.	66c
9 PT 2771	84 in.	$\frac{1}{2}$ in.	10 oz.	75c
9 PT 2772	100 in.	$\frac{1}{2}$ in.	12 oz.	85c

$\frac{3}{8}$ -inch (B Section) V-Belts

Use for heavier drives over a minimum pulley diameter of 3 inches. **Measure your belt. See above.**

Catalog No.	Length	Width	Shpg. Wt.	Each
9 PT 2756	38 in.	$\frac{3}{8}$ in.	9 oz.	79c
9 PT 2768	45 in.	$\frac{3}{8}$ in.	10 oz.	89c
9 PT 2769	54 in.	$\frac{3}{8}$ in.	11 oz.	\$1.05
9 PT 2773	62 in.	$\frac{3}{8}$ in.	12 oz.	1.15
9 PT 2774	72 in.	$\frac{3}{8}$ in.	14 oz.	1.35
9 PT 2775	84 in.	$\frac{3}{8}$ in.	1 lb.	1.55
9 PT 2776	100 in.	$\frac{3}{8}$ in.	1 lb. 4 oz.	1.79
9 PT 2778	115 in.	$\frac{3}{8}$ in.	1 lb. 8 oz.	2.10
9 PT 2779	131 in.	$\frac{3}{8}$ in.	1 lb. 10 oz.	2.45
9 PT 2780	147 in.	$\frac{3}{8}$ in.	1 lb. 12 oz.	2.79

Leather "V" Belting

Just the thing for those places where you need a belt of odd length. Cut to any length you want. Made of tough oak leather—two plies cemented together and strongly sewed down the center. Coupling included with every length. **State width and length.** Shipping weight, foot, 3 ounces.

9 PT 2777— $\frac{3}{8}$ -in. width. Per ft. 12c
 $\frac{1}{2}$ -in. width. Per ft. 14c

HANDY 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 motor speed of 1750 R.P.M.

Diameter of Motor or Driving Pulley	Diameter in Inches of Driven Pulley or Pulley on Machines						
	1 1/2	2	2 1/2	3	4	5	6 1/2
1 1/2 in.	1725	1290	1030	860	645	520	400
2 in.	2300	1725	1380	1150	860	690	530
2 1/2 in.	2890	2160	1725	1440	1080	860	660
3 in.	3450	2590	2070	1725	1290	1030	800
4 in.	4800	3450	2760	2300	1725	1380	1070
5 in.	5750	4310	3450	2870	2160	1725	1330
6 1/2 in.	7460	5600	4490	3740	2800	2240	1725

Example—the machine has a 2-inch 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 table follow down the vertical 2-in. column to the speed of 3450, then to the left in column headed "Diameter of Motor or Driving Pulley." The answer is a 4-in. diameter pulley required.

VANADIUM HAMMERS



FINEST PROFESSIONAL QUALITY!

\$1.19

A Hammer Built For Craftsmen By Craftsmen. Greatly improved design with just the weight, balance, and swing or feel demanded by the professional carpenter. New rubber tip for comfortable, non-slip grip. Best drop forged vanadium steel; the strongest known to the tool industry. Tempered exactly right. Mirror polished—even under claws. Beveled face. Claws give sure, firm grip on smallest brad or largest nail. Shrink-proof straight grained selected hickory handle, double steel wedged in tapered eye—CAN'T come loose. A \$2.00 value!

Catalog No.	Style	Size	Wt. of Head	Shpg. Wt.	Price
9 PT 3814	Curved	2	13 oz.	1 lb. 12 oz.	\$1.19
9 PT 3814	Curved	1½	16 oz.	2 lbs. 2 oz.	1.25
9 PT 3816	Straight	1½	16 oz.	2 lbs. 2 oz.	1.25



CRAFTSMAN Modelmaker's Hammer

Same superior quality as above; an especially small hammer for and adapted to use of modelmakers in fine, close work on ship models, etc. Full mirror polished 5-oz. head of drop forged vanadium steel; heat treated, correctly tempered. Bell face. Select, straight grained hickory handle, securely wedged. Shipping weight, 1 pound 5 ounces.

9 PT 3813 69c

69c



Aluminum Level

CRAFTSMAN. Eliminates unnecessary weight without sacrificing strength. Not affected by climatic changes; won't rust or warp. Highly polished machine cut edges, carefully tried. Guaranteed accurate; meets U.S. Government specifications for aluminum levels. 6-glass; interchangeable and adjustable vial cases. The finest level money can buy. State length wanted.

Lgth. 18 in. 24 in.
Shpg. wt. ... 1 lb. 14 oz. 2 lbs. 6 oz.
9 PT 3992 \$3.25 \$3.98

Wood Level

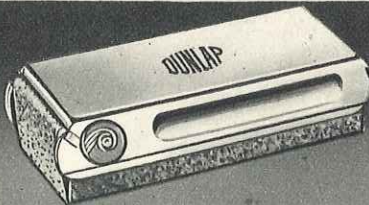
CRAFTSMAN. Laminated walnut and pine with aluminum end plates. Only finest grade, select, straight grained stock is used; thoroughly seasoned and kiln dried to prevent warping. Length, 24 inches. 6-glass; large oval vial cases. Precision built to exacting specifications—guaranteed accurate. Finished with a water-proof, weather-resisting lacquer. Easily a \$3.00 value. Shipping weight, 1 lb. 10 oz.

9 PT 3987 \$2.19

Torpedo Level

CRAFTSMAN. A pocket size all purpose level of many uses. Made of aluminum; shell type construction. Top plate removable. Has one plumb, one level and one vial set at 45 degrees. V groove in bottom for use on line shaft, etc. Guaranteed accurate. Others ask \$1.50 or more. Length, 8½ in. Shpg. wt., 10 oz.

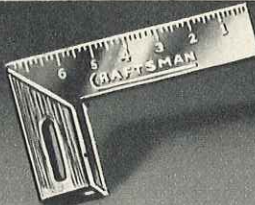
9 PT 3983 \$1.10



DUNLAP Sanding Block

Just the thing for the many sanding jobs in your shop. Length, 6 inches. Made of cadmium plated steel with a roll of sanding cloth which stretches over a sponge rubber cushion. As sanding cloth wears out, just pull out a new section. Shipping weight, 12 ounces.

9PT 3681—Complete 49c
9 PT 3688—Reel roll for above. Shipping wt., each, 1 oz. Each 8c; 2 for 15c



Try-Miter Squares

CRAFTSMAN. Blued steel blade. Rosewood handle, faced with brass. Clear, easy-to-read white graduations and figures; marked ¼ths of an inch. Accurate. Length of blade, 7½ inches. Shipping weight, 10 ounces.

9 PT 3952 59c



Sliding T Bevel

CRAFTSMAN. Rust-resisting blued steel blade. Polished rosewood handle with brass trim; convenient finger grooves. Brass wing nut; locks blade securely and rigidly in any position at any angle. Length, 8 in. Shipping wt., 6 oz.

9 PT 3950 45c



Heavy Duty Tool Chests

Professional Mechanics' Box. 22-gauge steel. Liftout tray. Nickled corner irons. Leather handle. Shpg. wt., 9 lbs. 4. **\$1.98**
CRAFTSMAN Carpenters' Chests. Like above. With Corbin hasp lock. Shpg. wt., 14 lbs.
99 PT 06513—26x8x8 in. \$3.98
99 PT 06515—32x8x9 in. Extra end handle. Shpg. wt., 18 lbs. \$4.98

46... SEARS-ROEBUCK



Cabinet Scraper

CRAFTSMAN quality. Keen, long lasting 2½-in. tempered tool steel double blade; removable so all four edges may be used. Comfortably shaped hardwood handle. No shop is complete without one, particularly at this low money-saving price. Shipping weight, 8 ounces.

9 PT 3656 39c

\$3.25

9 PT 3741



Corrugated or

Smooth Bottom

CRAFTSMAN PRECISION BUILT PLANES

A superior tool from toe to heel. Precision built for the master craftsman who will have nothing but the best. Actually superior to other nationally advertised planes selling for as much as ¼ more.

Cutter is made of special analysis tool steel—tempered, honed and ground. Patent lever and screw device for closest sidewise and depth adjustments. Cuts from tissue thin to coarse shavings. Snug-fitting frog and spring lever cap prevent chattering. Lever cap and double plane iron polished chromium plated finish. Machine chased sides. Reinforced gray iron frame. Genuine rosewood handle and knob.

Style of Plane	Length, inches	Cutter, in.	Shpg. Wt. lbs. oz.	Smooth Bottom		Corrugated Bottom	
				Catalog No.	Each	Catalog No.	Each
Smooth No. 3	8	1¾	3 8	9 PT 3741	\$3.25	.....	.....
Smooth No. 4	9	2	4 4	9 PT 3742	3.50	.....	.....
Jack No. 5	14	2 5	12 9	9 PT 3743	.....	9 PT 3747	\$4.19
Fore No. 6	18	2¾	8 2	.....	.....	9 PT 3748	6.25
Jointer No. 7	21½	2¾	9	.....	.....	9 PT 3749	7.25

CRAFTSMAN Quality Block Planes



1½-inch cutter. Ground bottom and sides. Adjustable throat. Nickel plated cap. 6¾ inches. Shipping weight, 1 lb. 12 oz.

9 PT 3704

\$1.59



Low angle knuckle joint. 1¾-in. cutter set 12°. Nickel plated cap. 7 in. long. Ground bottom and sides. Adjustable throat. Shpg. wt., 2 lbs. 4 oz.

9 PT 3732

\$1.98

Transparent Amber Handles



CRAFTSMAN Chrome Vanadium Chisels

The toughest steel known to the industry. Chromium plated to resist rust. Transparent amber plastic handles that won't chip, crack or mushroom. Socket butt chisels have 3-in. blade; socket firmer chisels, 4½-in. blade. Be sure to state size wanted.

Size	Socket Butt Chisels		Socket Firmer Chisels	
	Shpg. Wt.	9 PT 3685	Shpg. Wt.	9 PT 3684
¼ in.	8 oz.	\$1.10	8 oz.	\$1.10
⅜ in.	10 oz.	1.15	9 oz.	1.15
½ in.	12 oz.	1.19	12 oz.	1.19
¾ in.	13 oz.	1.29	13 oz.	1.29
1 in.	1 lb.	1.39	14 oz.	1.35
1¼ in.	1 lb. 6 oz.	1.49	1 lb. 3 oz.	1.49
1½ in.			1 lb. 10 oz.	1.59

Precision Squares . . Guaranteed Accurate Made of One-Piece Steel . . Hardened Corners . . Tapered in Thickness

CRAFTSMAN Precision Squares

9 PT 3962—No. 30B. Blued Steel Square. 18x12 inches. Face marked ¼ and ½ inch; back ¼ and ½ inch. Shipping weight, 1 pound 12 ounces. **\$1.65**

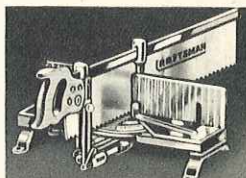
99 PT 03969—No. 100B. Rafter Square. 16x24-in. Body 2 in.; tongue, 1½ in. Brace measure and patent rafter table. Graduations on face, ¼ and ½-in.; back, ¼, ½, ¾-in. White enamel markings. Shpg. wt., 3 lbs. **\$1.98**

99 PT 03973—Like 99 PT 03969 above, but royal copper rust-resisting finish. Also includes hip, valley, jack and cripple rafter table. Directions included. **\$2.25**

CRAFTSMAN Miter Box and Saw

Heavy steel frame and baseboard. Ball bearing saw guides and ball bearing saw guide lever. With 28-inch CRAFTSMAN back saw. Cuts stock up to 5 in. Graduated to show degrees. Saw can be swung and locked at any angle. Capacity at miter, 7 in.; right angle, 10½ in. With length and depth gauges. Shpg. wt., 41 lbs.

99 PT 03650 \$24.75



CRAFTSMAN SAWS



\$2.89
8-in.
9 PT 4260

**Heavy Duty
Ball Bearing
Chuck**

\$4.50
9 PT 4252

CRAFTSMAN RATCHET BRACES

Thousands of professional carpenters who know and appreciate fine tools have accepted this as one of America's finest braces! Real heavy duty construction in every detail!

Full steel clad easy-working ball bearing head. Fully enclosed reversible ratchet is protected against dirt and grit. Extra heavy duty chuck takes all sizes of square shank bits; also round shank bits $\frac{1}{2}$ to $\frac{1}{4}$ inch. Universal, self-opening alligator jaws are drop forged and heat treated. Mahogany head and handle. Polished and nickel plated $\frac{1}{2}$ -inch steel frame. Such quality usually priced \$4.00 to \$4.50 elsewhere.

9 PT 4260—State size.

Sweep	Shpg. Wt.	Each
8 in.	3 lbs. 11 oz.	\$2.89
10 in.	4 lbs. 2 oz.	2.98

Super quality. By far the finest we have EVER sold! In fact you couldn't buy a finer brace at ANY price!

Sampson heavy duty ball bearing chuck for easy positive grip and release of bits. Holds regular square shanks No. 1 Morse taper, and round shank bits from $\frac{1}{8}$ to $\frac{1}{2}$ inch. Full steel clad ball bearing head works smoothly.

Fully enclosed ratchet to protect it against dirt and grit—turns right or left. Universal self-opening, sure-gripping jaws are drop forged, heat treated. Genuine mahogany head and handle. Extra heavy duty $\frac{1}{2}$ -inch steel frame with 10-inch sweep, nickel plated and polished. Quality you'll never find under \$6.00 anywhere else. Shpg. wt., 4 lbs. 4 oz.
9 PT 4252.....\$4.50

Easy Terms on orders of \$10 or More
See Inside Front Cover



Super Quality That Challenges Comparison

Chrome vanadium high carbon steel blade, the finest edge-holding steel the industry has yet developed, tempered in electrically controlled furnaces... 4-gauge taper ground from teeth to back and from butt to point; teeth same gauge entire length of saw, hand set and bevel filed to keen cutting, long lasting points... beautiful ribbon wave polish. Choice of handle; either carved black walnut or graceful streamlined blue Tenite—the marvel lifetime plastic that defies abuse. Scientifically designed to eliminate wrist strain. State type of saw and point wanted. Shipping weight, each, 2 lbs. 3 oz.

CRAFTSMAN C-15 Straight Back Saw; Walnut Handle

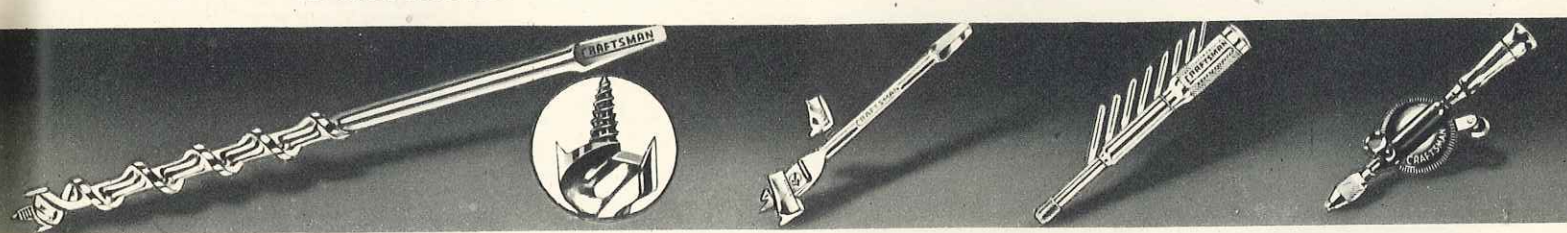
9 PT 3610—26-in. hand saw. 8, 9, 10 or 11 points to the inch... \$3.50
26-in. rip saw. 5 $\frac{1}{2}$ points to the inch.....\$3.50

CRAFTSMAN C-50 Straight Back Saw; Tenite Handle

9 PT 3608—26-in. hand saw. 8, 9, 10, or 11 points to the inch... \$3.50
26-in. rip saw. 5 $\frac{1}{2}$ points to the inch.....\$3.50

Lifetime
Tenite Handle

\$3.50
EACH



CRAFTSMAN Chromium Plated Auger Bits

Made of perfectly tempered chrome vanadium steel for super strength and super edge holding qualities! Only the very finest bits are made of this famous steel alloy! Has an industrial chromium finish which is extra heavy. Sharpened by hand after plating—thus giving you the greatest advantage of a rust-resisting finish without affecting the cutting edge. Double-flute cutter head and deep, clean-cut thread for easy starting in the hardest wood. Solid center stem for extra strength. Single spiral elevates chips, thus preventing clogging and assuring fast, free cutting. Cuts a clean, smooth hole, accurate in size. Buy your CRAFTSMAN auger bits in sets and get a handy metal case at practically no extra charge. See sets below. State size.

Size, in.	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1
Shpg. wt.	2 oz.	2 oz.	3 oz.	3 oz.	4 oz.	4 oz.	5 oz.	5 oz.	6 oz.	6 oz.	7 oz.	7 oz.	8 oz.
9 PT 4175	33c	35c	39c	43c	45c	49c	55c	59c	63c	65c	69c	75c	79c

Expansive Bits

CRAFTSMAN. Tempered tool steel, highly polished. Cutters are carefully ground and sharpened to a keen long lasting edge. Have beveled edge to hold them rigid to prevent slipping while boring. Adjusted by one screw.

9 PT 4192—Two cutters. Cuts $\frac{1}{2}$ inch to $\frac{1}{2}$ inch. 98c

9 PT 4193—Two cutters. Cuts $\frac{3}{8}$ inch to 3 inches. Shipping weight, 12 oz. \$1.45

Push Drill

CRAFTSMAN. Heavy duty professional quality. Strong smooth-operating mechanism. Extra heavy nickel plated finish. Knurled handle for non-slip grip. Chuck has hardened steel jaw. Has eight drill points ($\frac{1}{8}$ to $\frac{1}{4}$ inch) in separate slot clearly marked with the size. Length, 9 $\frac{1}{2}$ inches. Shipping weight, 12 ounces.

9 PT 4221.....\$1.65

CRAFTSMAN Drills

Hand and Breast Drill. For wood or metal. Machine cut gears. 3-jaw chuck. Capacity, $\frac{3}{8}$ in. Screw cap hollow handle provides space for drills. Length, 14 $\frac{3}{4}$ in. Shipping weight, 2 lbs. 14 oz. 9 PT 4233.....\$2.75

Hand Drill. For wood or metal. Machine cut gears. 3-jaw chuck. Takes straight shank drills to $\frac{1}{4}$ in. Screw cap handle of tropical wood. Length, 12 $\frac{1}{2}$ in. Shpg. wt., 2 lbs. 10 oz. 9 PT 4234.....\$2.25

CRAFTSMAN Chromium Plated Auger Bits in Sets Handy Metal Container



Same fine, superior quality auger bits as described above put up in handy sets that include the most used sizes. Buy a set and get the metal case illustrated at right at practically no extra charge. Case is well made, with hinged cover and a place for each size bit—makes selection of correct size bit easy.

9PT4157—Set of 6, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ and 1 in. Shipping weight, 1 lb. 8 oz. \$2.98

9PT4159—Set of 13, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, $\frac{15}{16}$ and 1 in. Shipping weight, 3 lbs. 8 oz. \$6.95

Flex-Rigid Tape

CRAFTSMAN. Blue "Tenite" lifetime plastic case; chromium plated slide plates. Nickel plated 6-ft. Swedish steel tape, $\frac{1}{2}$ -in. wide. Both edges graduated in 10ths of an inch. Bends to fit uneven objects, or can be held rigid. A usual \$1.00 value. Shipping weight, 4 oz.

9 PT 3913.....75c



CRAFTSMAN Ratchet Screwdrivers

"Tenite" handle; unbreakable. Hardened steel spiral. Right or left hand ratchet, or rigid. Length, extended, with bit, 19 in. 3 bits, small, medium, large, inside handle. Shpg. wt., 1 lb. 8 oz.

9 PT 4140.....\$3.19

Hardwood handle. Hardened steel spiral; automatic spring reel turn. Right or left hand ratchet, or rigid. Length, extended, with bit, 20 $\frac{1}{2}$ in. 3 bits, small, medium and large. Shpg. wt., 1 lb. 12 oz.

9 PT 4141.....\$3.25

Speed driver. Large hardwood handle. Spiral of hardened steel. Right or left hand ratchet, or rigid. Length, extended with bit, 10 in. With 1 screwdriver bit. Shpg. wt., 1 lb.

9 PT 4130.....\$1.25

Shockproof Handle

9PT4148—CRAFTSMAN. Vanadium square blade.

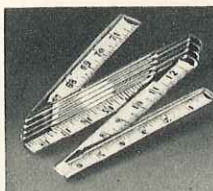
Blade State size	Shpg. Wt.	Each
4 $\frac{1}{2}$ x3 $\frac{1}{2}$ in.	4 oz.	39c
4 x $\frac{1}{2}$ in.	5 oz.	49c
6 x $\frac{1}{2}$ in.	6 oz.	59c
8 x $\frac{1}{2}$ in.	10 oz.	79c

Folding Rules

CRAFTSMAN. Made in U.S.A. White. Selected hardwood. Strong brass joints and friction plates. Durable; easy opening; accurate; easy to read. Shipping weight, each, 6 ounces.

9 PT 3930.....49c

9 PT 3925—Inside Reading Rule. With hook. Made so folded part lies flat... 55c



CRAFTSMAN Stones

Vitrified silicon carbide. One side medium for fast cutting, other side fine to give smooth, keen edge to tool.

9 PT 6440—State size.

Size, in.	Shpg. Wt.	Each
5x2x $\frac{3}{4}$	12 oz.	79c
6x2x1	1 lb.	98c
7x2x1	1 lb. 8 oz.	\$1.25

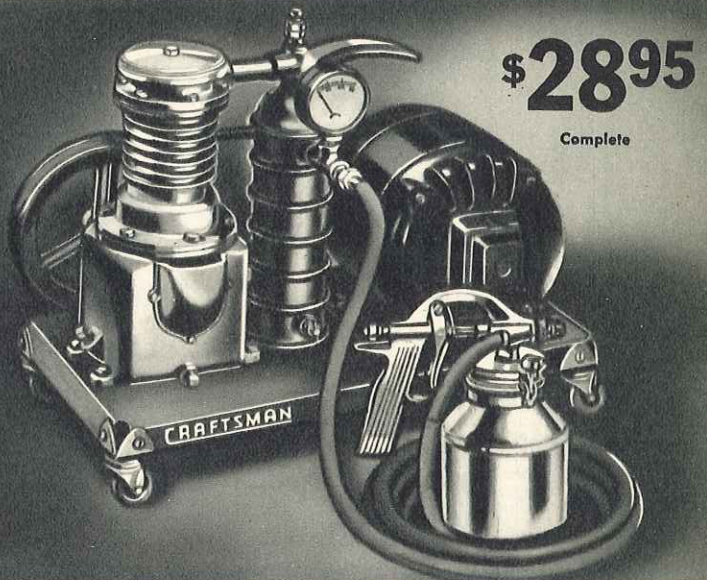


DO THE JOB BETTER WITH A SPRAYER

SPECIFICATIONS

	99PTM5630	99PTM5631
Over-all Height	11 in.	14 in.
Over-all Width	8 1/4 in.	10 in.
Over-all Length	18 in.	17 1/2 in.
Compressor		
Type	Piston	Piston
Bore and Stroke	2 1/4 x 3/4 in.	2 1/4 x 1 5/8 in.
Displacement	2 3/4 cu. ft.	3 cu. ft.
Speed	1750 R.P.M.	800 R.P.M.
Working Pressure	25 lbs.	28 lbs.
Maximum Pressure	40 lbs.	45 lbs.
Motor		
H.P.	1/4 -H.P.	1/4 -H.P. H.D.
Speed	1750 R.P.M.	1750 R.P.M.
Switch	No	Yes
Gun (described below)		
	9PT5578	9PT5637
Hose		
Inside Diam.	1/4 in.	1/4 in.
Length	15 ft.	15 ft.
Base		
Size	8 1/4 x 18 in.	8 1/4 x 16 in.
Casters	No	Yes

ON ORDERS OF \$10 OR MORE
SEE INSIDE FRONT COVER



CRAFTSMAN 1/4-H.P. PAINT SPRAYER

- Equipped with piston type compressor, like all big commercial sprayers
- Piston has two grooves and four rings to insure clean, oil-free air
- Cylinder walls have reamed and honed finish for longer and better service

Compare this great CRAFTSMAN sprayer with outfits selling for \$50.00 elsewhere! Does the job 8 times faster than brushing—and does it better! Sprays paints, lacquers, enamels, varnishes, disinfectants, insecticides, water colors, dyes, etc.

The piston type compressor insures longest life and best performance. No parts to give out and cause delay. Compressor travels at half motor speed like big commercial types. Built for years of reliable, trouble-free service. Compressor has free air displacement of 3 cubic feet per minute.

New design air intake thoroughly filters incoming air. 1-quart internal-mix bleeder type pressure-feed spray gun has adjustable needle

valve. Bleeder type gun allows continuous flow of air through nozzle, preventing clogging. Air gauge shows pressure. Built-in safety valve prevents pressure from becoming too high. Sprayer is mounted on rugged truck with casters—easy to move around. Heavy duty 1/4-H.P. motor has built-in starting switch. Complete with 1-quart aluminum paint cup, 15 feet of 1/4-in. air hose, V-belt drive, cord and plug. For 110-120-volt 60-cycle A.C.

- 99 PTM 5631—Complete outfit, with heavy duty 1/4-H.P. motor. Shpg. wt., 57 lbs. \$28.95
- 99 PT 05575—Complete outfit, without motor. Shpg. wt., 28 lbs. \$22.95
- 99 PT 01999—Compressor only. Shpg. wt., 16 lbs. \$10.50

CRAFTSMAN 1/2-H.P. Paint Sprayer

Similar to above, but with 1/2-H.P. motor for greater capacity. Free air displacement of 3 1/2 cubic feet per minute. Maximum pressure,

50 pounds. Operating pressure, 30 pounds. 99 PTM 5576—Complete outfit, with motor. Shpg. wt., 62 lbs. \$31.50

\$19.95

Complete



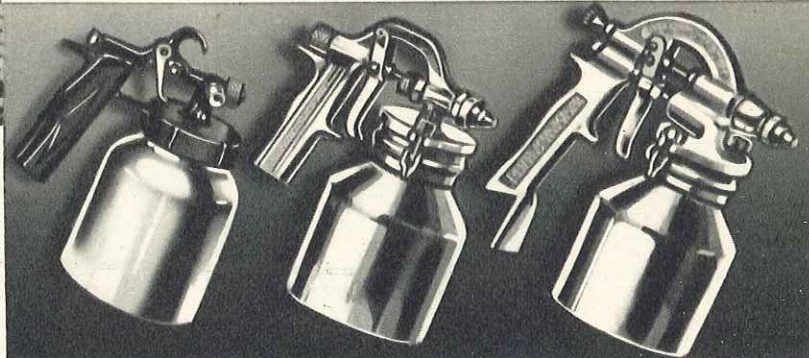
DUNLAP DIRECT-DRIVE 1/4-H.P. PAINT SPRAYER

Only at Sears can you buy a piston type spray outfit at this amazing price! Has the same capacity and better construction than outfits selling at MUCH higher prices elsewhere. Piston type compressor, like all big commercial sprayers, for long life and best service. No parts to replace. Does the job 6 times faster than brushing! Sprays paints, varnishes, etc., and gives a beautiful, smooth finish.

Check and compare these features carefully. See for yourself how far superior this sprayer is to ANY other outfit selling in this price range! (1) Piston equipped with 2 grooves and 4 rings to keep air absolutely free of oil. (2) Cylinder walls have reamed and honed finish. (3) Perfect counter-balancing for quiet, smooth operation. (4) 1-quart internal-mix pressure feed spray gun with adjustable needle valve and round and fan spray air caps. (5) 15 feet of 1/4-inch inside diameter hose. Compressor has free air displacement of 2 3/4 cubic feet per minute. Operating pressure, about 25 pounds. Maximum pressure, 40 pounds. Built-in safety valve. Motor is connected directly to crankshaft with flexible coupling. Aluminum piston has 2 1/4-inch diameter and 3/4-inch stroke.

- 99 PTM 5630—Complete outfit as illustrated, with 1/4-H.P. 110-120 volt 60-cycle A.C. 1750 R.P.M. motor. Shipping weight, 52 pounds. \$19.95
- 99 PT 05636—Complete outfit, without motor. Arranged for V-belt drive. With pulley and belt. Shpg. wt., 26 lbs. \$15.50

48... SEARS-ROEBUCK



Utility Spray Gun

A thoroughly practical and dependable gun at a moderate price. Use it with most any compressor or air supply so long as pressure is not more than 40 lbs. per inch. Bleeder type construction allows continuous flow of air through nozzle to prevent clogging. When trigger is pressed the material being sprayed flows into the air stream and is fed through nozzle under pressure. Has screw-on 1-quart can. Complete with both fan and round spray tip. Shpg. wt., 2 lbs. 12 oz.

9 PT 5578.....\$3.75

All-Purpose Spray Gun

Here's a gun you can let stand without operating and yet not have to worry about it clogging up. This bleeder type internal-mix gun is so designed that when material is shut off the air continues to blow through the nozzle, preventing clogging. Adjustable needle valve regulates flow of material. Two-finger trigger control keeps your hand from getting tired on long jobs. Clamp-on 1-qt. can. Complete with two nozzles and two air tips. Shipping wt., 3 lbs. 12 oz.

9 PT 5637.....\$6.50

Production Spray Gun

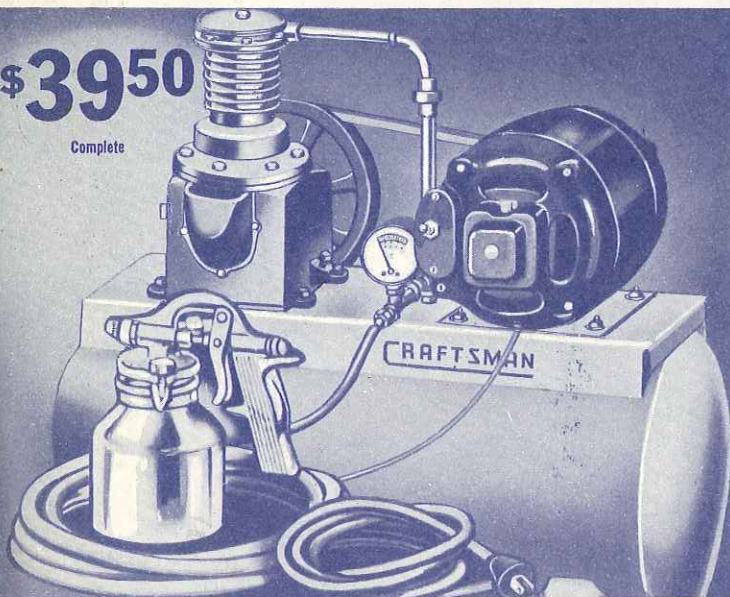
This same gun would cost you as much as \$22.50 elsewhere! Two-finger trigger operates two valves that control both material and air. Non-bleeder type—recommended for steady production spraying. Will work twice as fast as ordinary guns. Needle valve has adjustment to regulate flow of material. Operates on three to six cubic feet of air. Two inner fluid tips and two spray caps, one round and one fan type. 1-quart capacity handy clamp-on can. Nicely balanced for easy handling. Shpg. wt., 5 lbs.

9 PT 5594.....\$9.50

6 TO 8 TIMES FASTER THAN BRUSHING

\$39.50

Complete



CRAFTSMAN DELUXE 1/3-H. P. SPRAYER

- Entire unit mounted on large pressure tank for smoother, more even spraying. Tank provides reserve air supply at working pressure

All the features—all the fine quality—all the smooth efficient operation of the CRAFTSMAN 1/2-H.P. sprayer listed on the opposite page! But even more, this sprayer is built with the entire unit mounted conveniently on an oversize heavy gauge steel pressure tank, 10 inches in diameter and 20 inches long. This tank assures a large reservoir of air and absorbs slight pulsations from the compressor. This results in a very even pressure and smoother operation of the gun. The piston type compressor always delivers clean, oil-free air. Has free air displacement of 3 1/2 cubic feet per minute. Safety valve prevents pressure from becoming too high; gauge indicates pressure at all times.

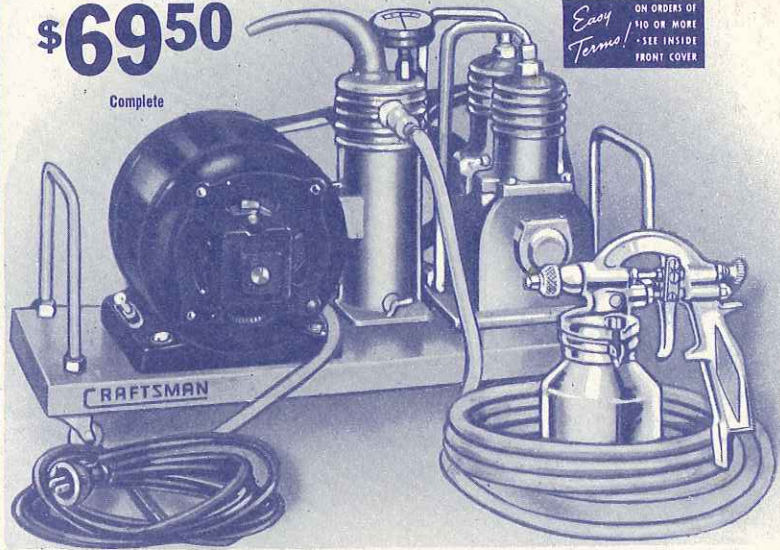
Complete with 1/2-H.P. 1750 R.P.M. motor, pressure type gun with two tips and two air caps, 1-quart aluminum paint cup, 15 feet of 1/4-inch air hose, V-belt drive, starting switch on motor, cord and plug. Operates on 110-120 volt 60-cycle A.C. Shipping weight, 93 pounds.

99 PTM 5577—Complete as illustrated \$39.50

\$69.50

Complete

Easy Terms! ON ORDER OF \$10 OR MORE SEE INSIDE FRONT COVER



CRAFTSMAN 1/2-H. P. TWIN-CYLINDER

- Heavy duty construction throughout
- Twin cylinder air-cooled piston compressor

By far our finest sprayer! Has extra quality—extra capacity—extra strength! The powerful twin-cylinder, air-cooled piston compressor has a free air displacement of 5 cubic feet per minute. Compressor has wick oiling system and heavy bronze bearings. The heavy duty, non-bleeder, production type gun with dual valve construction will work twice as fast as ordinary guns and give smooth, uniform results. It enables you to use the full capacity of the big twin cylinder compressor to its best advantage. Complete with 1/2-H.P. condenser type motor, twin cylinder compressor, production type gun, castor base, 15 feet of 1/4-in. air hose, 1-quart aluminum paint cup, two tips, two air caps, V-belt drive pressure gauge, safety valve, starting switch on motor, cord and plug. Operates on 110-120 volt 60-cycle A.C. Shpg. wt., 125 lbs. 99 PTM 5597—Complete as illustrated \$69.50

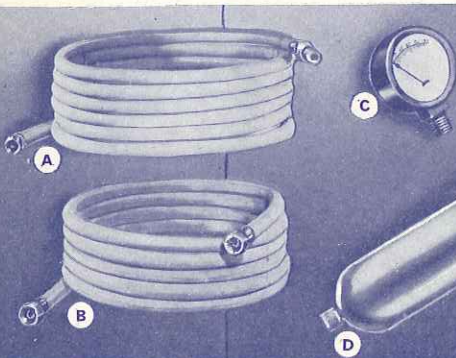
CRAFTSMAN Gasoline Powered Sprayer

Similar to above, but equipped with air-cooled Briggs & Stratton gasoline motor—the finest made. Easily started by stepping on foot pedal—no kick back. Shipped from Chicago or Philadelphia; you pay freight from nearer point. Shipping weight, 145 pounds.

99 PTM 5598—Complete \$89.50

SPECIFICATIONS

	99PTM5577	99PTM5597
Over-all Height	22 in.	14 3/4 in.
Over-all Width	10 in.	11 in.
Over-all Length	20 in.	24 in.
Compressor Type	Single cylinder piston	Twin cylinder piston
Bore and Stroke	2 1/4 x 1 1/8 in.	2 1/4 x 1 3/8 in.
Displacement	3 1/2 C.F.M.	5 C.F.M.
Speed	950 R.P.M.	660 R.P.M.
Working Pressure	30 lbs.	35 lbs.
Maximum Pressure	50 lbs.	50 lbs.
Motor H.P.	1/2	1/2
Speed	1750 R.P.M.	1750 R.P.M.
Switch	Yes	Yes
Gun (Described on opposite page)	9PT5637	9PT5594
Hose Inside Diameter	1/4 in.	1/4 in.
Length	15 ft.	15 ft.



Quality Air Hose

(A) Made to give long, hard service. Heavy rubber and fabric construction, designed to withstand strong, constant pressure. Complete with fittings. Two or more lengths may be coupled together. Couple an extra length onto your gun hose. Length, 15 feet; inside diameter, 1/4 inch. Shipping weight, 1 lb. 8 oz.

99 PT 5638—Air Hose \$1.25

Material Hose

(B) Heavy construction for long life and service. Neoprene lining resists deterioration caused by paint. Length, 12 1/2 feet; 5/16-inch inside diameter. Two or more lengths may be coupled together. Complete with fittings. Shpg. wt., 2 lbs.

99 PT 5639—Material Hose \$1.65

Pressure Gauge

(C) Know how much air is available before starting the job. Graduated to register accurately the air pressure available for the spray gun. May be mounted directly on reducing valve and filter assembly. Easily installed. Shpg. wt., 8 oz.

99 PT 5649—Pressure Gauge 69c

Reducing Valve and Filter

(D) Insures the delivery of very dry air—an absolute necessity when spraying lacquer. Filter prevents oil, water, and other impurities from getting into air stream. Valve reduces and controls commercial air pressure to below 50 pounds so that it can be used to operate gun. Complete with shut-off. Shipping weight, 2 pounds 8 ounces.

99 PT 5648—Complete \$3.50

Industrial Spray Outfit

Complete your garage or service station equipment with this outfit. Especially constructed for any plant with an existing air pressure system. Connects directly on existing air outlets.

Can be used for almost every spraying operation. Made up from parts listed and described at left. Gun is 99 PT 5637 (Page 48). Includes gun, 15-ft. 1/4-in. air hose, filter, gauge, and reducing valve for regulating pressure to less than 50 lbs. Also has shut-off valve. Shpg. wt., 15 lbs.

99 PT 05633—Complete . . . \$11.75

8 PT 2646—Shpg. wt., 6 oz. . . \$1.49

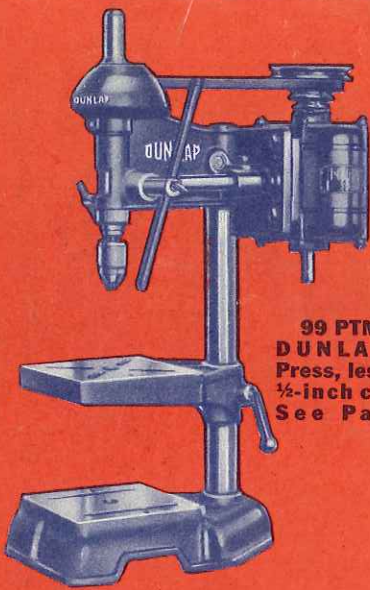
8 PT 2647—Cotton Filters. For above respirator. Shipping weight, 3 oz. Box of 50. 39c

DUNLAP Paint Tank

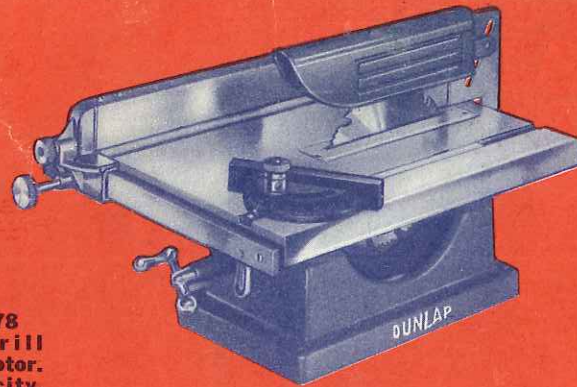
Why bother with constant interruptions to refill your paint can on big jobs? Order one of these big two-gallon pressure tanks and speed up your work. Cut down on job time, and increase your profits as well! Tank is heavily constructed with close fitting clamp-on lid to hold pressure. Material is forced from tank through material hose to spray gun. Because of this, spray gun may not be operated more than five feet above level of tank. When operating at a height the tank may be carried up the ladder.

Complete with 15-foot air hose and 12 1/2-foot material hose. Tank is equipped with handle to enable easy handling and transportation. Shipping weight, 25 pounds.

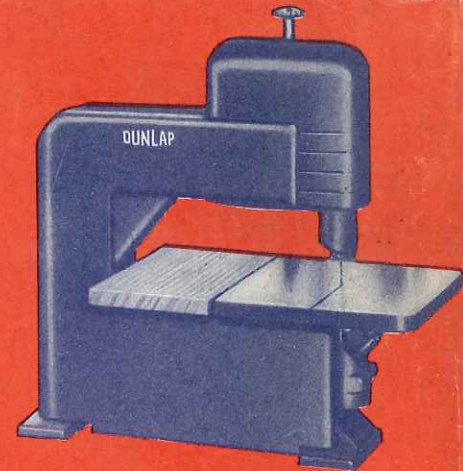
99 PT 05632 \$9.75



99 PTM 2378
DUNLAP Drill
Press, less motor.
1/2-inch capacity.
See Page 30.

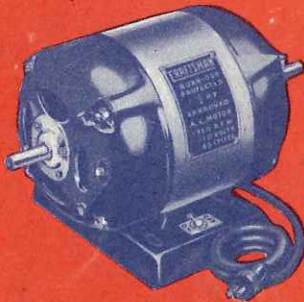
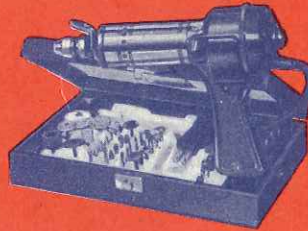


99 PT 02170—DUNLAP 7-inch Bench Saw.
Table size, 12 1/4 x 16 3/8 in. See Page 1.

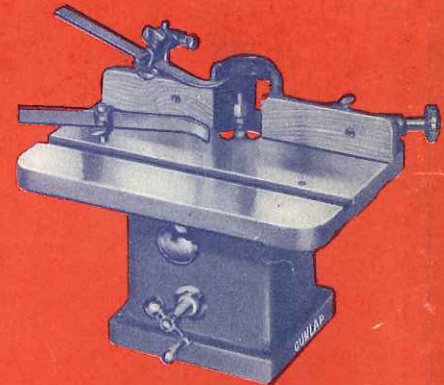


99 PTM 2334—DUNLAP 3-Wheel Band
Saw. 12-inch throat. See Page 8.

9 PT 2652 — CRAFTY
Rotary Electric Tool
complete with acces-
sories. See Page 18.



99 PT 01956 — CRAFTSMAN 1/2-H.P. Con-
denser Motor. 1750 R.P.M. See Page 42.

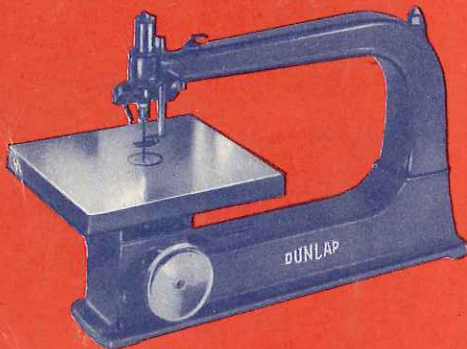


99 PT 02317 — DUNLAP Shaper.
Table, 15 1/2 x 10 1/2 in. See Page 13.

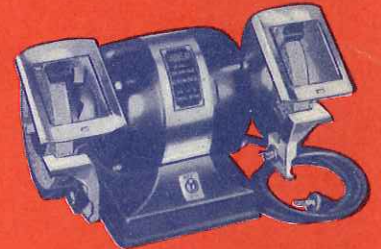
CHOICE OF ANY TOOL
ON THIS PAGE

\$14.95
EACH

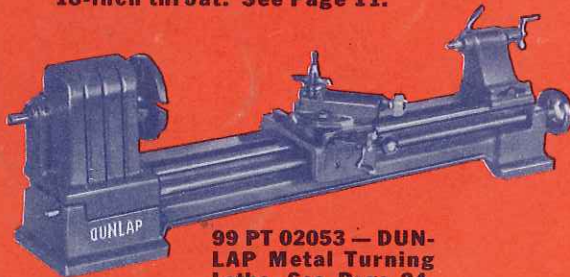
CERTIFIED
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99 PT 02266—DUNLAP Jig Saw.
18-inch throat. See Page 11.



99 PT 02616 — DUNLAP 1/4-H.P.
Ball Bearing Grinder. See Page 41.



99 PT 02053 — DUN-
LAP Metal Turning
Lathe. See Page 24.



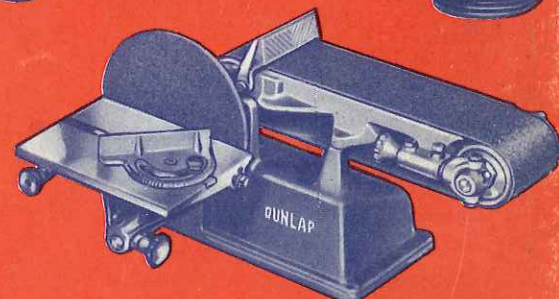
99 PTM 2287
DUNLAP 4 1/4-inch
Jointer-Planer.
See Page 14.



9 PT 2577
CRAFTSMAN 1/4-
in. Electric Drill.
See Page 29.



99 PTM 2019—DUNLAP Lathe. 9-in. swing;
30-in. centers; 44-in. bed. See Page 22.



99 PTM 2213—DUNLAP Combination 4-in.
Belt and 8-in. Disc Sander. See Page 16.