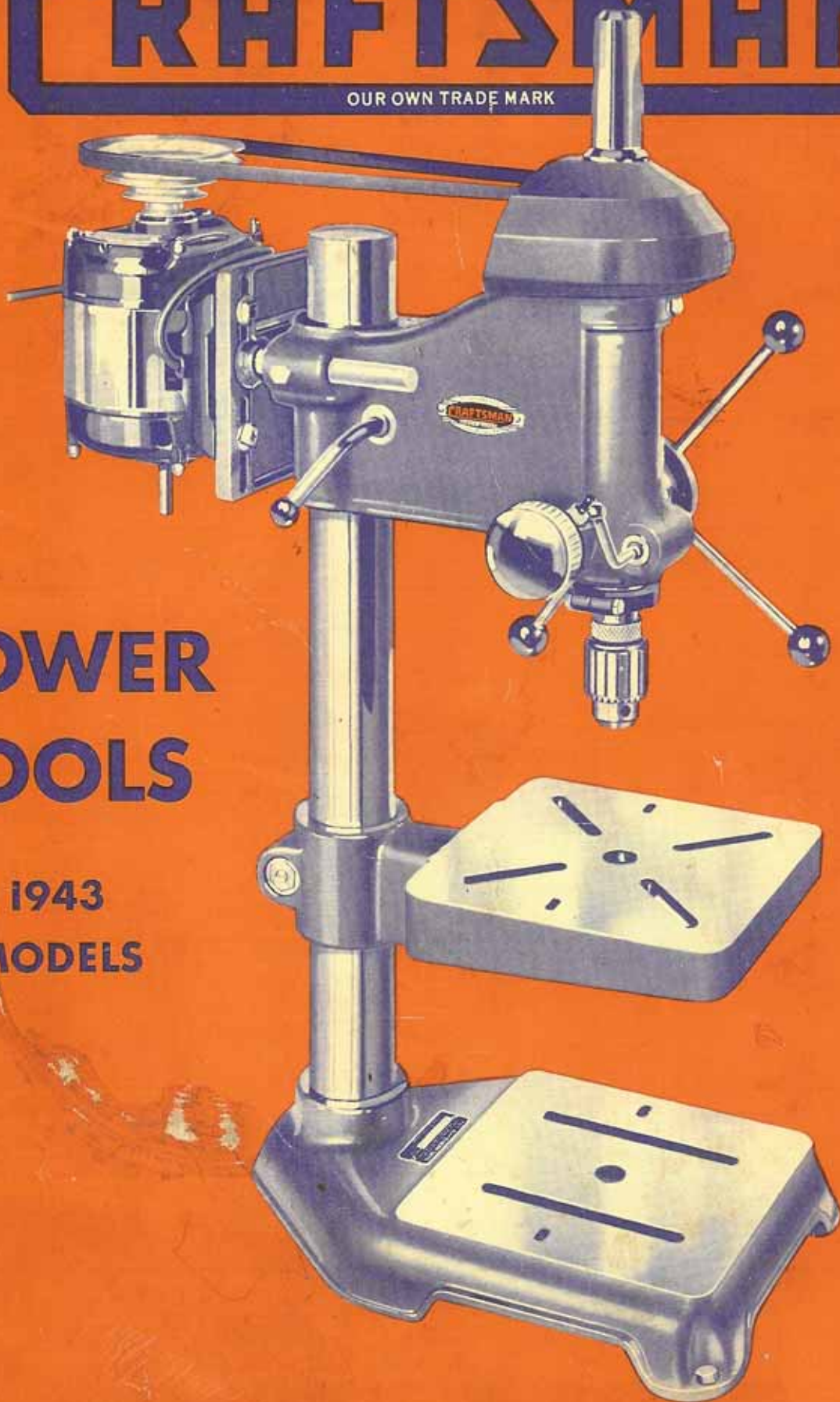


CRAFTSMAN

OUR OWN TRADE MARK

POWER TOOLS

1943
MODELS



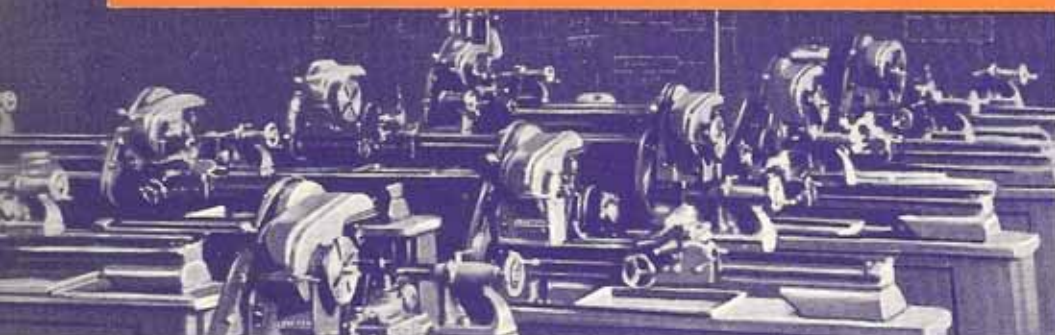
SEARS, ROEBUCK AND CO.

Satisfaction guaranteed or your money back






CRAFTSMAN POWER TOOLS AID IN AMERICA'S DEFENSE



CRAFTSMAN power tools are playing an important part in aiding America's war effort... in great airplane plants... in many industries... in big industrial schools.

The photographs on this page show CRAFTSMAN tools being used in several industrial schools where workers in war industries receive advance training. The picture above shows one such installation of 30 CRAFTSMAN metal lathes. The director of this school recently wrote us that the lathes have been running 15 hours a day and are giving excellent service under very severe operating conditions.

All over America CRAFTSMAN power tools are giving this same fine service—under the steady, grueling grind made necessary by the biggest production job in the world's history. This, we believe, is the best proof we can offer of CRAFTSMAN quality!



PRICES . . . EASY TERMS . . . PRIORITIES . . . DELIVERIES . . . DESIGN CHANGES

This catalog has been priced in accordance with the Office of Price Administration's General Maximum Price Regulations. All the prices herein are the same as our retail "Ceiling Prices" as established by the Government Regulations.

As this catalog goes to press there exists the possibility of new and additional taxes being levied. Should the Federal Government or any State find it necessary to increase by taxes or otherwise the cost or selling price of any of the merchandise described and listed in this catalog, we reserve the right to adjust our prices and to add any such taxes or other increases of cost or selling to the prices shown in this catalog.

Easy Terms. Lack of ready cash need not prevent you from adding tools to your shop. You can still purchase power tools on convenient monthly payments. If you wish to use Sears Easy Terms, ask for information at any of our retail stores.

Priorities. Some tools in this book require Priority or "Preference Rating" and can be secured only by those who can furnish the necessary rating. Such tools are clearly marked—be sure to be prepared to submit priority rating for them. If you are not sure you qualify or do not understand how to apply for the necessary rating see Page 32. Should any Federal Board or Agency add other items to the Priority list we will be obliged to restrict sales accordingly. Remember, if you can buy restricted items anywhere, you can buy them at Sears.

Deliveries. Occasionally orders may be delayed in shipment but we will do our best to maintain prompt service.

Design Changes. Shortage of some materials may make necessary minor changes in design. These may alter the appearance of the item slightly, but we guarantee it will function satisfactorily.

DUNLAP

REG. U. S. PAT. OFF.

BENCH SAWS



\$12⁹⁵

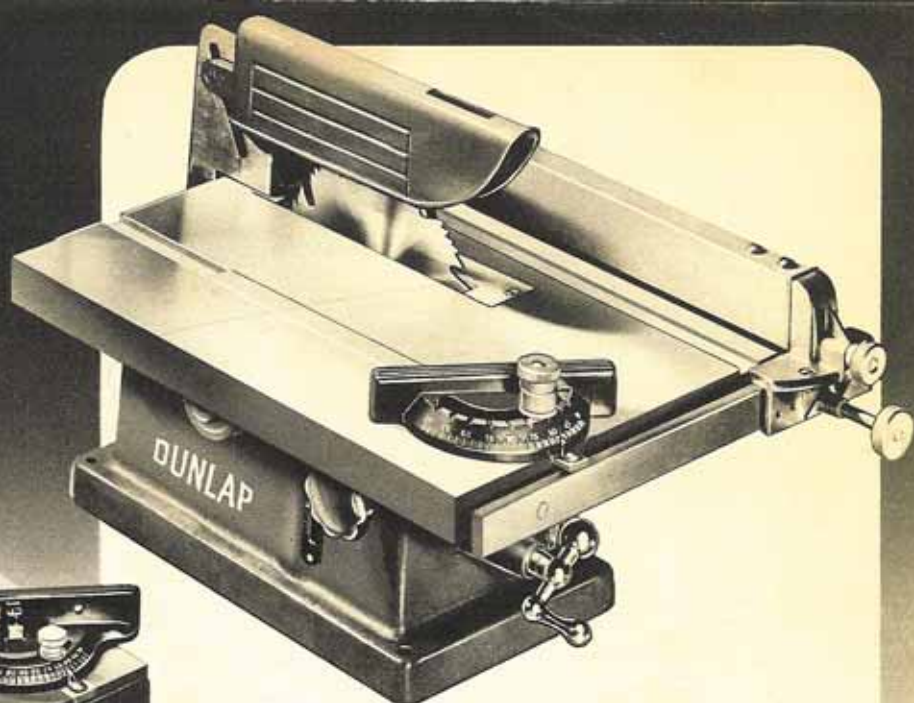
DUNLAP 7-INCH BENCH SAW

- 7-inch combination blade cuts 0 to 2 1/4 inches.
- 14 1/2 x 10 1/2-inch table tilts 0 to 45°.
- Working mechanism is entirely enclosed.
- Has auto-lubricating bronze bearings.

You'd NEVER expect to buy so fine a bench saw in this price range! Its safe, fully enclosed design—its big husky base—and its many other fine features put it right up in the \$16.00 class!

Auto-lubricating bronze bearings filter the oil supply to keep out sawdust and dirt. Ball crank and gear mechanism, as in high priced bench saws, raises and lowers the blade on two heavy columns. Has positive lock on raising and lowering device. Table tilts on double pivots; any angle from 0 degrees to 45 degrees. Accurate depth of cut and angle gauges. Will crosscut, rip, miter, and groove. Removable dado insert. Self-aligning rip fence locks solidly in position. Complete with safety guard, splitter, and miter gauge. Shipping weight, 32 pounds.

99 PT 02169—Less motor.....\$12.95



On the DUNLAP heavy duty saw shown directly above, the table tilts any angle from 0 to 45 degrees on rugged double trunnions. Gauge shows angle. The miter gauge is equipped with indexing stops at important angles for ease in setting.



\$19⁹⁵

DUNLAP 7-INCH HEAVY DUTY SAW

- Has heavy duty indexing miter gauge.
- Improved easy-action streamlined guard.
- 16 1/2 x 12 1/2-inch table tilts 0 to 45°.
- Has auto-lubricating bronze bearings.

We sincerely believe this is the most popular bench saw in America! Be sure to notice the indexing miter gauge! We know of no other bench saw in the world, selling under \$25.00, that has this important feature!

Easy-action guard moves both back and up as work is pushed in—has open slot in top so operator can see cut. **Massive gray iron base completely encloses mechanism.** Auto-lubricating bronze bearings filter oil supply. Depth of cut adjusted by ball crank and gear mechanism which raises and lowers table. Gauges show depth of cut and angle of tilt. Large table makes it easy to handle good sized pieces of work. **Table has ground finish.** Removable insert for dadoing. Rip fence has rigid locking device. Shipping weight, 50 pounds.

99 PT 02170—Less motor.....\$19.95

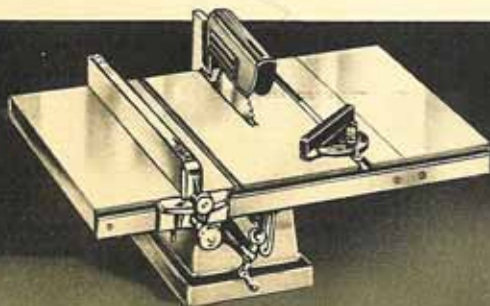
SPECIFICATIONS

	99PT02169	99PT02170
Over-all Height	11 1/2 in.	14 1/2
Over-all Width	10 3/4 in.	12 3/4 in.
Over-all Length	16 1/2 in.	21 in.
Blade { Diam. 7 in. 1/2 in. Bore 1/2 in. Type Combination	7 in. 1/2 in. Combination	7 in. 1/2 in. Combination
Depth of Cut	2 1/4 in.	2 1/4 in.
Bearings	Bronze	Bronze
Table Size	10 1/2 x 14 1/2 in.	12 1/2 x 16 1/2 in.
Table Size, With Extensions (Not supplied)	Extensions not available	23 1/2 x 16 1/4 in.
Speed	4500 R.P.M.	4500 R.P.M.
Motor Recommended	1/2 or 1/2-H.P., 1750 R.P.M.	1/2 or 1/2-H.P., 1750 R.P.M.
Machine Pulley Supplied	2 in.	2 in.
Motor Pulley (Not Supplied)	5 in.	5 in.
Mounting Dimensions	4 1/4 x 9 3/4 in.	6 1/4 x 11 3/4 in.

Extension Table

Shown at left. For 99 PT 02170 saw above at right. Provides a larger working space. Makes it easy to handle large work. Set includes 2 steel side extensions, each 5 1/2 inches by 16 1/4 inches, with all necessary support bars and fittings for attaching to machine. Will accommodate rip fence. Fits easily to saw. Total working area with extensions and base table, 23 1/2 inches wide by 16 1/4 inches long. Shipping weight, 7 lbs. 8 oz.

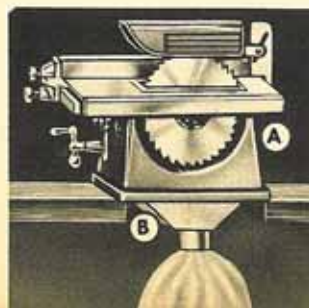
9 PT 2174.....\$5.45



Dust Collecting Outfit

Shown at left. This convenient accessory will help keep your workshop clean and neat. With this outfit attached to your saw, 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. Rugged long-life quality in every detail. Shipping weight, 5 pounds.

9 PT 2248.....\$1.59

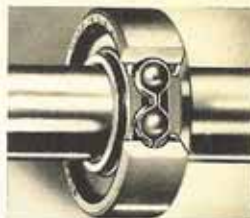


CRAFTSMAN
SINCE 1897

8-INCH BENCH SAW



Equipped with CRAFTSMAN high speed precision ball bearings. The balls in the bearings go through a series of grinding and finishing operations which finish them to an accuracy of one quarter of one ten thousandth of an inch! Both inner and outer raceways are honed—on an exclusive process which insures a very high degree of precision and accuracy.



For Sears
Easy Terms
See Inside
Front Cover

The automatic-leveling, double-pivot guard moves back and up as the work approaches the blade! It operates much more smoothly than an ordinary guard. It can be tilted back out of the way without removing from machine. Note the fully enclosed spring loaded kick-backs which are included as standard equipment.



FAMOUS CRAFTSMAN QUALITY IN EVERY DETAIL OF CONSTRUCTION!

SPECIFICATIONS

Over-all Height	13 in.
Over-all Width	20 in.
Over-all Length	26½ in.
Blade { Diam. Bore Type	8 in. ½ in. Comb.
Depth of Cut	2½ in.
Distance in Front of Blade..... (With Extensions)	8 in. 13½ in.
Bearings	2; Craftsman ball bearing
Table Size	15¼ x 18½ in.
Table Size, With Extensions (Ex- tensions not in- cluded)	26½ x 24¾ in.
Speed Recom- mended	4500 R.P.M.
Motor Recom- mended	½ or ¾-H.P., 3450 R.P.M.
Machine Pulley (Supplied)	2 in.
Motor Pulley (Not Supplied)	2½ in.
Mounting Dimen- sions (Center to center of holes in base)	8¾ x 13¾ in.

\$34⁹⁵

- 8-inch combination rip and crosscut blade. 0 to 2½-inch depth of cut.
- CRAFTSMAN ball bearings packed in grease, and sealed against grit.
- Table tilts any angle up to 45 degrees on oversize double trunnions.
- Blade raised and lowered by efficient feed wheel and screw mechanism.

This CRAFTSMAN saw meets the great demand of professional and amateur craftsmen for a truly fine bench saw at a moderate price. Heavy duty! Famous CRAFTSMAN quality in every detail of construction! Compare it with saws selling for \$40.00 elsewhere!

New design gray iron fence locks rigidly. Quick acting—easy adjusting. Heavy, rib-braced, smoothly ground, gray iron table 15¼ x 18½ inches. Has removable insert for dadoing. This large table makes it easy to handle good sized work. Table tilting mechanism is controlled by hand wheel and self-locking screw—can be manually locked if desired. Table is

grooved on either side of saw for making left or right hand miter cuts.

Miter gauge has indexing device with stops for important angular positions; also has stop rods for repetitive cut-offs. Automatic leveling double-pivot guard costs us much more than an ordinary guard—far more efficient. All controls are conveniently grouped together and are equipped with accurate gauges—indicating depth of cut, depth of dado cut, angle of tilt of table, and angle of miter gauge. Complete with miter gauge, fence, splitter, double pivot guard. Shpg. wt., 95 lbs.
99 PTM 2199—Less motor.....\$34.95

Handy Extension Tables

For bench saw 99PTM2199 above. Permit you to handle larger work. Fit perfectly—provide a solid working surface. Set includes 2 front extensions of gray iron, ground and polished; 2 steel side extensions; 1 rear support bar, bolts and fittings. Gives a total working surface of 26½ x 24¾ inches.

99 PT 02232—Shpg. wt., 31 lbs.....\$10.95



A SAW FOR EVERY JOB



\$235
6-in.
CRAFTSMAN

\$135
6-in.
DUNLAP

\$235
6-in.
CRAFTSMAN

\$155
6-in.
DUNLAP

\$119
6-in.
FULLON

Note how blade tapers from (1) to (2) then thickens gradually from (2) to (3).

CRAFTSMAN and DUNLAP WORKSHOP SAWS

CRAFTSMAN. Tough alloy steel . . . famous for toughness and long edge holding qualities! Stays sharp, holds 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. Hand set and filed, ready to use.

CRAFTSMAN						
Diam., In.	Gauge	Center Hole, In.	Rev. Per Minute	Shpg. Wt. Lbs.	Oz.	9 PT 4925—Crosscut 9 PT 4926—Rip
6	18	1/2 or 3/8	5000	8		\$2.35 \$2.35
7	17	1/2 or 3/8	4750	13		2.59 2.59
8	17	1/2 or 3/8	4500	1	12	3.19 3.19
10	16	3/8 or 1/2	3600	1	12	3.89 3.89
12	15	3/8 or 1/2	3000	2	11	4.75 4.75

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

DUNLAP						
Diam., In.	Gauge	Center Hole, In.	Rev. Per Minute	Shpg. Wt. Lbs.	Oz.	9 PT 4911—Crosscut 9 PT 4913—Rip
6	18	1/2 or 3/8	5000	10		\$1.35 \$1.35
7	17	1/2 or 3/8	4750	13		1.59 1.59
8	17	1/2 or 3/8	4500	1	12	1.79 1.79
10	16	3/8 or 1/2	3600	1	12	2.29 2.29

CENTER HOLES: Always state hole size and diameter. All Sears saws stocked with center hole sizes as shown. Saws with smaller holes fitted with precision bushing and shipped from stock at no extra charge. Add 50¢ extra for saws with holes larger than listed—"tailor-made" and shipped from factory in central Ohio, from where you pay transportation. Allow 2 weeks.

FLAT GROUND FANCY TOOTH COMBINATION SAWS

Handiest of all circular saws. For ripping, cross-cutting, mitering in hard or soft wood.

CRAFTSMAN. Tough alloy 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. Hand set and filed for fast, clean cuts. No binding.

DUNLAP. Second only to CRAFTSMAN saws! Tough high carbon tool steel, hardened and tempered for long life. Hand hammered. Teeth set and filed.

FULLON. Low priced saw for general use. Set and filed. State hole size and diameter. For special hole sizes see left below.

Diam., In.	Center Hole, In.	Rev. per Minute	Shpg. Wt.	CRAFTSMAN 9 PT 4937	DUNLAP 9 PT 4915	FULLON 9 PT 4938
6	1/2 or 3/8	5000	8 oz.	\$2.35	\$1.55	\$1.19
7	1/2 or 3/8	4750	13 oz.	2.59	1.79	1.45
8	1/2 or 3/8	4500	1 lb.	3.19	1.98	1.69
10	3/8 or 1/2	3600	1 lb. 12 oz.	3.89	2.59
12	3/8 or 1/2	3000	2 lbs. 9 oz.	4.75

CRAFTSMAN Hollow Ground Fancy Tooth Combination Saws! Shown above at the right. No finer saw of this type made regardless of price. Hardened and tempered tough alloy 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. See at left for special hole sizes.

Diam., Inches	Gauge Taper	Center Hole, Inches	Shipping Weight	9 PT 4939
6	16 to 19	1/2 or 3/8	8 oz.	\$3.59
7	15 to 18	1/2 or 3/8	12 oz.	4.35
8	15 to 18	1/2 or 3/8	1 lb.	4.98
10	14 to 17	3/8 or 1/2	1 lb. 10 oz.	6.35
12	13 to 16	3/8 or 1/2	2 lbs. 9 oz.	7.35



Above view shows dado saw when assembled. Makes your bench saw MUCH more useful! You'll be able to do dadoing, grooving, etc.



DUNLAP 4-in. Dadoes

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

- 9 PT 4887—2 outside 3/2-in. saws, six 3/16-in. chippers, 1/2-in. hole. Shpg. wt., 16 oz. **\$2.89**
- 9 PT 4883—Outside dado saw only. Shipping weight, 6 ounces **89¢**
- 9 PT 4880—Inside chipper only. Shipping weight, 3 ounces. **39¢**

DUNLAP 5 1/2-in. Dado Saws

- 9 PT 4885—Two 3/2-in. thick outside saws; six 3/16-in. thick chippers. 1/2-in. center hole. For saws on Pages 1, 2 and 4. Shipping weight, 1 pound 10 ounces. **\$4.25**
- 9 PT 4889—As above, but 3/8-in. center hole. For saws on Page 3. Shpg. wt., 1 lb. 8 oz. **\$4.25**
- Specify 1/2 or 3/8-in. hole on items below.
- 9 PT 4884—Outside saw only. Specify hole (see above). Shpg. wt., 9 oz. **\$1.39**
- 9 PT 4881—Inside chipper only. Specify hole (see above). Shpg. wt. 3 oz. **.49¢**

CRAFTSMAN 6-in. Dado Saws

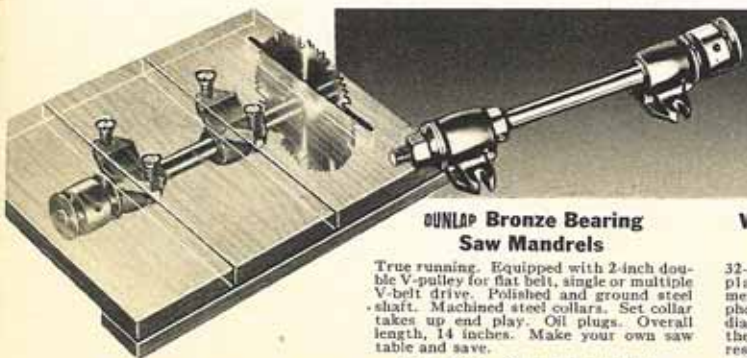
- Two 3/2-inch thick outside saws, one 3/4-inch chipper, two 3/16-inch chippers, one 1/4-inch chipper. Shipping weight, 3 lbs. 8 oz. **\$10.45**
- 9 PT 4874—1/2-in. hole. **\$10.45**
- 9 PT 4875—3/8-in. hole. **\$10.45**
- Specify whether 1/2 or 3/8-in. hole on items below. Shipping weight, each, 8 ounces.
- 9 PT 4876—Outside saw **\$3.50**
- 9 PT 4877—3/16-in. chipper. **.98¢**
- 9 PT 4878—3/8-in. chipper. **\$1.49**
- 9 PT 4879—1/4-in. chipper. **1.69**

DUNLAP Cut-Off Wheel

- (A) An 8-inch metal cut-off wheel, ideal for cutting metal, glass, tile, etc. 3/8 inch thick. Rubber bonded for safety at high speeds. State 1/2 or 3/8 inch bore. **\$1.19**

Sanding Wheel and Discs

- (B) 8-in. steel sanding disc. State 1/2 or 3/8-inch bore. **\$3.59**
- 9 PT 2272—Shpg. wt., 4 lbs. **\$1.95**
- Six 8-in. sanding discs for above wheel. Coarse, medium, fine. **.45¢**
- 9 PT 2273—Shpg. wt., 10 oz. **.45¢**



DUNLAP Bronze Bearing Saw Mandrels

True running. Equipped with 2-inch double V-pulley for flat belt, single or multiple V-belt drive. Polished and ground steel shaft. Machined steel collars. Set collar takes up end play. Oil plugs. Overall length, 14 inches. Make your own saw table and save.

- 9 PT 4946—State size wanted. Size 00, 3/8-in. shaft, 1/2-in. at ends. Shpg. wt., 7 lbs. **\$2.25**
- Size 0, 3/4-in. shaft, 3/4-in. at ends. Shpg. wt., 8 lbs. **\$2.45**

Above view shows how mandrels at right appear mounted under table or bench. Make your own table—it's easy!



Wood Turning Lathe Instruction Book

32-page guide book that explains new wood turning methods. Over 100 actual photographs and step-by-step diagrams make it possible for the beginner to get excellent results. Explains how to do metal turning with proper attachments. Tells how to grind wood turning chisels, tool bits, etc. Shpg. wt., 2 oz.

9 PT 2920 **19¢**



Drill Press Instruction Book

Valuable 32-page book for home and shop worker. Over 100 drill press operations described and illustrated. With this manual as a guide you can do much better drill press work, and put your drill press to many more uses. Describes and illustrates use of accessories and suggests many home made aids to better work. Shpg. wt., 2 oz.

9 PT 2921 **19¢**



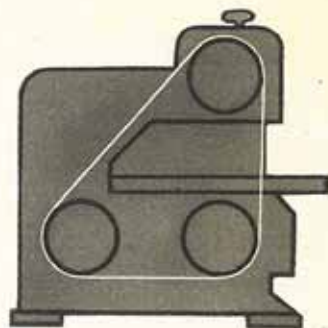
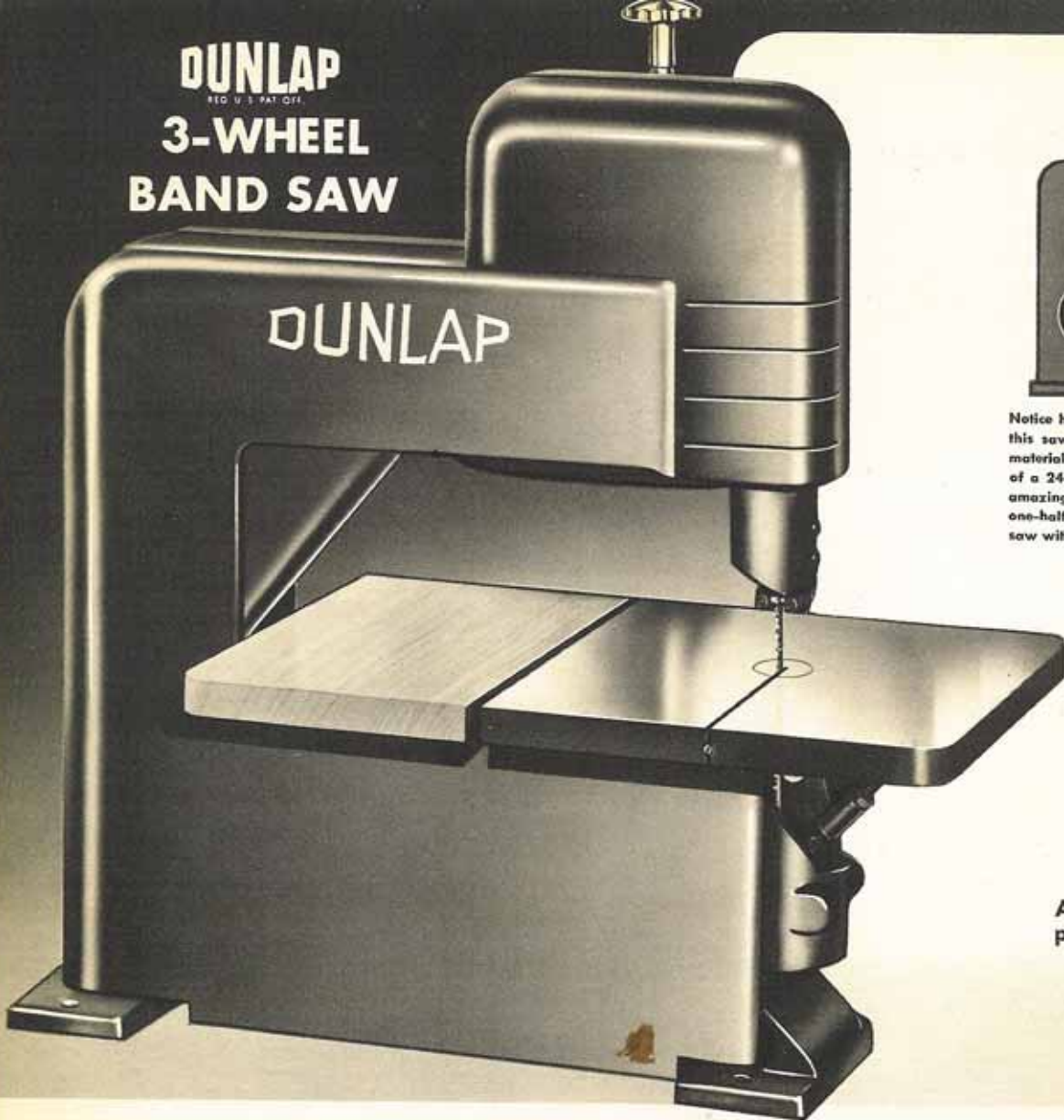
Bench Saw and Jointer Instruction Book

32-page book that contains complete and useful information which will enable you to get the most out of your bench saw and jointer. A practical reference book chock full of photographs, diagrams and tables explaining over 100 bench saw and jointer operations. Tells you what to do step by step. Shpg. wt., 4 oz.

9 PT 2923 **19¢**

DUNLAP
REG. U. S. PAT. OFF.
**3-WHEEL
BAND SAW**

DUNLAP



Notice how the 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!

**Available only while
present stocks last**

SPECIFICATIONS

Over-all Height	22½ in.
Over-all Depth	10 in.
Over-all Width	22¾ in.
Width of Blade	¾ 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 Recommended	½-H.P., 1750 R.P.M.
Machine Pulley Supplied	4-in. diam.
Motor Pulley (Not Supplied)	2-in. diam.
Mounting Dimensions	16¾x4¾ in.

YEARS AHEAD! NO OTHER BAND SAW LIKE IT!

\$19⁹⁵

- 3-wheel design provides 12-inch throat capacity at moderate cost.
- Special high chrome manganese alloy steel blades last MUCH longer.
- Entire mechanism enclosed. One of the safest band saws ever built.
- Auto-lubricating bronze bearings in wheels and guides for long life.

Exclusive with Sears! There's no other band saw like it at any price! We believe this sensational DUNLAP 3-Wheel Band Saw to be one of the most revolutionary developments EVER made in band saw design!

No wonder it has gained such tremendous popularity all over America! You get a saw that will cut to the center of a 24-inch circle at less than one-half the usual price of a standard 12-inch band saw! Only Sears 3-wheel construction makes this possible. Refer to the small illustration at the top of this page, and see how the 3-wheel design results in this extra capacity.

In order to perfect this type of saw, we've developed an amazing new special high chrome manganese steel alloy blade which will last MANY times longer than an ordinary blade. It took months of experimenting with different alloy steels to make this blade possible. Dozens of blades of various steels, tooth forms, thicknesses, etc., were tested to find a blade which would be ideal for this machine. To the best of our knowledge, there is no other band saw in the world that 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 tired bronze bearing wheels are completely enclosed. If the blade should ever break, it's inside the casing where it can't fly out and do any harm!

Notice that this saw has a full 4-inch depth of cut under the guide. This depth of cut can be used for a throat depth of 9½ inches; a 1-inch depth of cut is available at the full 12-inch throat. Large 10x10-inch table tilts to any angle from 0 to 45 degrees. The wood extension, which is included, increases the working surface to 10x17 inches.

Saw blade guides both above and below the table, each with two auto-lubricating bronze guides and one thrust wheel, support and guide the blade in the cutting zone. The upper wheel is carried on a sturdy mounting so designed that the wheel may be raised for adjustment of blade tension, and may be tilted to make blade track correctly.

99 PTM 2334—Shpg. wt., 47 lbs. . . . \$19.95

3-Wheel Band Saw Blades

Blades for the above saw. High chrome-manganese alloy. 58 inches long. Widths: ¾, ½, or ¼-inch. State width. Shipping weight, each, 6 ounces.

9 PT 2336—Each 95c

CRAFTSMAN HEAVY DUTY BAND SAW

\$37⁹⁵

- Extra safe, fully enclosed design.
- 2 precision ball bearings in dust-tight housings in each wheel.
- Will cut wood up to 6 $\frac{1}{4}$ in. thick.

The CRAFTSMAN 12-inch band saw has features and operating advantages you'll find in no other band saw made—regardless of price! It's by far the finest 12-inch band saw we've ever sold!

Rugged, heavy duty construction in every detail. Notice the enclosed design! It gives the saw a beautiful, sleek and streamlined appearance—but far more important, it makes it one of the safest band saws ever built! **All operating parts except the actual cutting edge of blade are completely covered by a sturdy steel casing.** If the blade should ever break, it's inside the casing where it can't fly out and do any harm.

This band saw is designed to follow the same basic construction as your automobile. A heavy steel column and husky gray iron castings form an extra strong frame, which is completely enclosed by a steel casing. All parts of frame assembly are locked in perfect alignment to assure smooth, accurate, vibrationless performance at all times.

The gray iron wheels used in this CRAFTSMAN band saw have much greater weight than conventional steel or die cast wheels found in other saws. This extra weight gives them a fly-wheel effect for exceptionally smooth operation even on deep cuts.

There's plenty of cutting capacity built into this machine—cuts over 6 inches thick and cuts to center of a 24-inch circle. Large 12 $\frac{1}{2}$ x14-inch reinforced gray iron table tilts any angle up to 45°. Angle of tilt shown on accurate scale. Saw guides, both above and below table, have oil-impregnated adjustable bronze blocks and ball bearing thrust wheels. Upper wheel may be raised and tilted on sturdy mounting to adjust blade tracking and tension.

99 PTM 2337—Shpg. wt., 104 lbs. \$37.95

SPECIFICATIONS

Over-all Height	35 in.
Over-all Width	23 $\frac{1}{2}$ in.
Over-all Depth	14 in.
Width of Blade (Standard Equipment)	$\frac{1}{4}$ in.
Length of Blade	80 in.
Depth of Cut	6 $\frac{1}{4}$ in.
Bearings	4; precision ball; (2 in each wheel)
Size of Wheels	12 $\frac{1}{2}$ in.
Table Size	12 $\frac{1}{2}$ x14 in.
Table Size (With wood extension)	14x18 $\frac{1}{2}$ in.
Speed { R.P.M. Ft. per minute	700 R.P.M. 1870 F.P.M.
Motor Recommended	$\frac{1}{2}$ -H.P. or $\frac{1}{2}$ -H.P., 1750 R.P.M.
Machine Pulley Supplied	5-in.
Motor Pulley (Not Supplied)	2-in.
Mounting Dimensions	5 $\frac{1}{4}$ x13 $\frac{1}{8}$ in.

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. $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ or $\frac{5}{8}$ in. width. .95c
 9 PT 2624—For cutting brass, etc. $\frac{1}{4}$ -in. width. .95c
 9 PT 2625—Hard edge for cutting steel, etc. $\frac{1}{4}$ -in. width. Available only on Priority orders. See Page 32. \$1.19
 For our old model 99 PTM 2304 Band Saw. 78 in. long.
 9 PT 2657—For wood cutting. $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ -in. width. .95c
 9 PT 2668—For cutting brass, etc. $\frac{1}{4}$ -in. width. .95c
 9 PT 2669F—Special Length Band Saw Blades. Not brazed. We braze blades for 40c each. State whether or not you want blade brazed. Shipped from factory at Chicago.
 Width, inches: $\frac{1}{4}$ | $\frac{3}{8}$ | $\frac{1}{2}$ | $\frac{5}{8}$ | $\frac{3}{4}$ | 1 | 1 $\frac{1}{4}$ | 1 $\frac{1}{2}$
 Shpg. wt. 1.02 | 1.09 | 1.02 | 1.02 | 2.02 | 2.02 | 3.02 | 3.02
 Per foot. 9c | 10c | 11c | 12c | 14c | 15c | 20c | 24c

Rip Fence for Above Band Saw

Here's a very handy band saw accessory for use when making straight cuts on thin pieces. Best results can be obtained by using with $\frac{1}{2}$ -inch blade which has little tendency to be deflected by heavy grain in wood. Complete with all the necessary fittings. Locks both front and rear for better alignment. Shipping weight, 5 pounds.
 9 PT 2343. \$3.10

View of Belt in Vertical Position



On either of the two belt and disc sanders on this page, the sanding table may be mounted at the end of the machine for use as a vertical sander. This makes these machines much more versatile.



DUNLAP AND CRAFTSMAN

BELT AND DISC SANDERS



For Easy Terms
See Inside
Front Cover

DUNLAP BELT-DISC SANDER

\$19.95

• 4-inch belt sander mounts horizontally, vertically, or at any angle desired.

- Disc sander table tilts any angle up to 45°.
- Large auto-lubricating bronze bearings.

No shop is complete without a sander. It takes the hard work out of sanding—usually one of the most tedious jobs in woodworking. *Practical operators say they start the sander twice as often as any other tool!*

Compare with sanders costing 25% more elsewhere! Rugged, long-life construction throughout. 8-in. sanding disc and table may be used either on right or left of belt sander. Disc sander and table easily removed to clear large work on belt. One belt roller is rubber covered—may be used like a drum sander. Quick-acting adjustments make it easy to keep belt running true between drums. With miter gauge, stop guard, 8-in. abrasive disc and 4x36-in. cloth sanding belt.

99 PTM 2213—Shpg. wt., 42 lbs. \$19.95

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.
Method of Belt Change	Use belt adj. knobs	Quick change; lever control
Bearings	4; bronze	4; bronze
Size, Disc Sander Table	5¼ x 8½ in.	6¼ 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 ¾-H.P., 1750 R.P.M.	½-H.P. or ¾-H.P., 1750 R.P.M.
Machine Pulley Supplied	2½ in.	2½ in.
Motor Pulley Recommended	2 in.	2 in.
Mounting Dimensions	6½ x 10½ in.	7 x 15½ in.

CRAFTSMAN BELT-DISC SANDER

\$31.50

• Large capacity! 6-inch belt mounts horizontally, vertically, or at any desired angle.

- Quick change device allows rapid change from one grit belt to another.

Heavy duty! Has all the features and operating advantages of our DUNLAP sander! But even more, it's bigger, heavier—with many more features and refinements! 6-inch wide belt and 9-inch disc provide extra capacity! Quick-change device releases tension on sanding belt by simply pulling a lever. Belt sander table is full 6½x17½ inches. Both sanding belt rollers are rubber-covered—may be used like a drum sander. Sanding disc and table can be removed to clear long work on the belt. Sanding disc table tilts to any angle up to 45°. Auto lubricating bronze bearings filter the oil; keep out dust and dirt. Quick-acting belt adjustments. Complete with miter gauge, adjustable stop guard, 9-inch abrasive disc and 6x48-inch cloth sanding belt.

99 PTM 2235—Shpg. wt., 63 lbs. \$31.50



Abrasive Belts

For 99 PTM 2213 DUNLAP Belt and Disc Sander above. 4x36 inches. Fine, medium or coarse. State grit wanted. Shipping weight, 4 ounces.

9 PT 2218—Garnet abrasive for wood. Each. **39c**
9 PT 2215—Aluminum oxide abrasive for use on metal or wood. Each. **39c**

For 99PTM2235 CRAFTSMAN Belt and Disc Sander above. 6x48 inches. Fine, medium or coarse. State grit wanted. Aluminum oxide, for use on wood or metal. Shipping weight, 8 ounces.
9 PT 2167—Each. **85c**



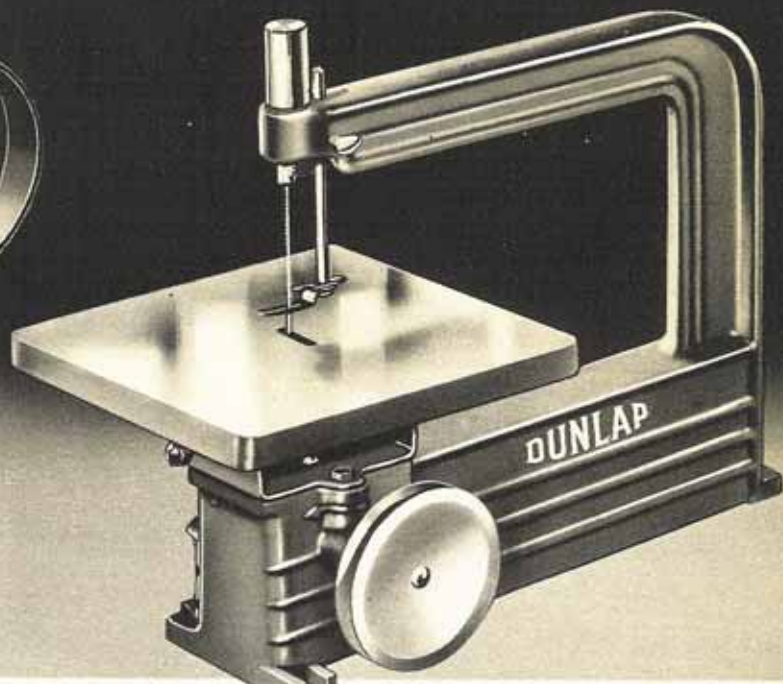
Abrasive Discs

Package of 6 assorted 8-inch discs (fine, medium, and coarse) for 99 PTM 2213 DUNLAP Belt and Disc Sander. Shipping weight, 8 oz.

9 PT 2216—Garnet abrasive for wood. Package of 6. **39c**

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 9-inch sanding discs for use on 99PTM2235 CRAFTSMAN Belt and Disc Sander listed above. For use on wood or metal. Shipping weight, 8 ounces.
9 PT 2155—Package of 6. **49c**

DUNLAP
OUR OWN TRADE MARK**MAGNETIC JIG SAW****DUNLAP 11-INCH JIG SAW**
OUR OWN TRADE MARK**SELF CONTAINED . . . NO MOTOR TO BUY**

- Blade makes 7200 strokes per minute.

- Safe, high speed strokes for extra smooth cut . . . **\$895**
no sanding necessary.

Just the saw for intricate sawing jobs—jobs where thin wood is used and for work that must be cut very clean. 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 $\frac{3}{4}$ -inch but is particularly recommended for light work. Will cut a right angle or a circle as small as $\frac{1}{8}$ -inch in diameter . . . leaving absolutely smooth edges that need no sanding. Stroke length can be regulated from $\frac{1}{8}$ to $\frac{1}{2}$ -inch. Table size, 8x8 inches. Throat, 11 inches deep. For 110-120-volt A.C. 60-cycle current. With cord and Plug.

99 PT 02299—Shipping weight, 17 pounds. \$8.95

9 PT 2690—Pkg. of 6 saw blades for above. Shpg. wt., 1 oz. . . 19c

CUTS TO CENTER OF 22-INCH CIRCLE

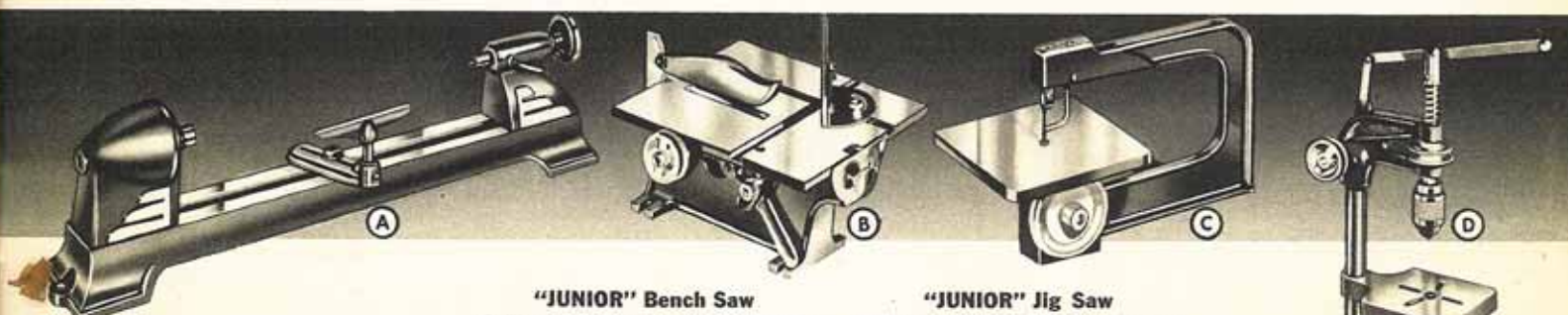
- Balanced modified Scotch yoke action runs in oil bath.
- Built-in sawdust blower keeps the sawdust off the work.
- Easily handles wood up to 1 inch thick.

\$795

See for yourself how much better this DUNLAP saw is than any other jig saw selling at anywhere near this price! Test it . . . operate it! That's the way to compare it! You'll find the DUNLAP stands way out in front of all others in this price range! It's the smoothest operating small jig saw we've ever seen.

Sturdy reinforced frame is fully enclosed. Large ground gray iron table, 9x9-inch, tilts to 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! Adjustable blade guide and hold down. **Balanced mechanism is fully enclosed and runs in bath of oil.** For detailed specifications see table on page 10. Use 5-inch jig saw blades with pin type ends or plain ends (see page 10). Shipping weight, 23 pounds.

99 PT 02265 \$7.95

**"JUNIOR" Wood Turning Lathe**

A Here's a real workmanlike lathe with the features of many larger, higher priced wood lathes. It will give you service and pleasure worth many times our price. It's big—note these overall dimensions: height, 6 $\frac{3}{4}$ in.; width, 3 $\frac{1}{2}$ in.; length, 22 $\frac{1}{2}$ in. Handles work up to 5-in. diameter, 12 in. long. Ideal for turning out popular novelties such as mallets, gavels, lamp bases, ash trays, spindles, tie racks, and hundreds of other useful articles for your home, for gifts, etc. 2 speeds. Has enclosed headstock, spur and cup centers, and adjustable tool rest. Machined ways. A good tool to start your workshop. Shipping weight, 12 pounds.
9 PT 2911 \$3.75

"JUNIOR" Bench Saw

B Has the features of many larger machines. 7x9-inch ground iron table tilts to 45 degrees on double pivots. 4-inch blade adjusts to any depth of cut up to 1 inch. With rip fence and miter gauge; guard and splitter. Over-all dimensions: height, 6 $\frac{3}{4}$ inches; width, 10 inches; depth, 10 $\frac{1}{4}$ inches. Shipping weight, 9 pounds 6 ounces.
9 PT 2910 \$4.65

"JUNIOR" Jig Saw

C It's a "JUNIOR" only in size and price. Will handle difficult cuts in light wood stocks—quickly and easily. Has an oil bath mechanism for smooth, quiet operation and long life. Full 10-inch throat. Cuts to center of 20-inch circle. Sturdy gray iron frame. Table, 8x8 in. Torsion-type enclosed spring head. Shpg. wt., 10 lbs.
9 PT 2913 \$3.45

\$425**"JUNIOR" Drill Press**

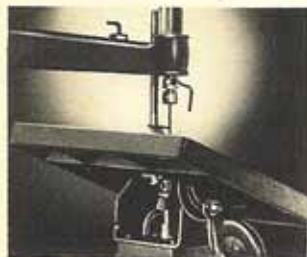
D Chuck capacity, $\frac{1}{2}$ inch. Drills to center of a 6-inch circle. 4x4-in. table and base are ground gray iron. Column is $\frac{3}{4}$ x10 $\frac{1}{2}$ inches. Over-all dimensions: height, 17 $\frac{3}{4}$ in.; width, 5 in.; depth, 10 $\frac{1}{2}$ in. Shipping weight, 8 lbs. 6 oz.
9 PT 2912 \$4.25

Rubber Drive Belts for "Junior" Tools**10c**
9 PT 2727

Round rubber belt, $\frac{3}{4}$ x16 $\frac{1}{2}$ in. outside diameter. Have a belt for each tool.
9 PT 2727—Shipping weight, 2 oz. 10c
"V" belt built like our standard line, but light and flexible. $\frac{3}{4}$ x32 in.
9 PT 2714—Shipping weight, 3 oz. 35c

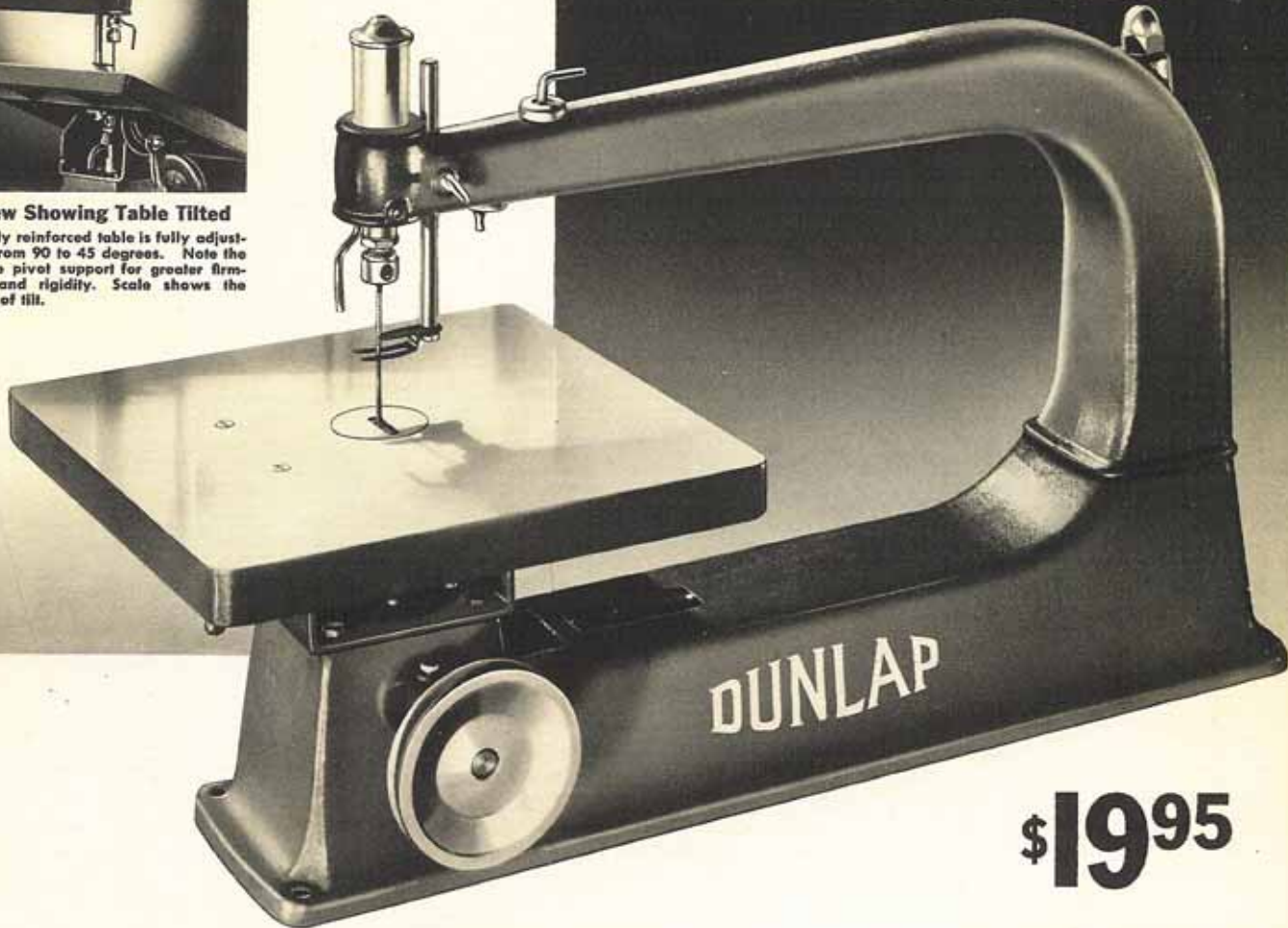
DUNLAP

18-INCH JIG SAW



View Showing Table Tilted

Heavily reinforced table is fully adjustable from 90 to 45 degrees. Note the double pivot support for greater firmness and rigidity. Scale shows the angle of tilt.



\$19⁹⁵

SPECIFICATIONS

	99 PT 02265 Page 9	99 PT 02267 at Right
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 Recommended	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.
Mounting Dimensions	4¼ x 15¼ in.	4¼ x 24¼ in.

LARGER CAPACITY . . . CUTS TO CENTER OF 36-IN. CIRCLE

- Handles work up to 1½ inches thick. Built-in sawdust blower.
- Extra large reinforced 12x12-inch table. Removable upper arm.
- Perfectly balanced modified Scotch yoke action for smoother cutting.
- Built to stand up under professional use.

Has the features, the capacity, the versatility, the construction of other jig saws costing much more than we ask. Built strong enough for professional work—that's why it handles the usual run of homecraft jobs so easily. With the proper blades any type of light sheet metal can be cut.

Universal chucks. Designed to handle all types of jig saw blades. By turning the chucks at right angles, long pieces may be sawed without removing the upper arm.

Balanced crankshaft. The driving action has bronze main bearing and operates in bath of oil. Fully sealed against dirt, etc. Self-lubricated upper drive rod bearings. No oil can get on your work. Fully enclosed coil type spring provides smooth blade return.

Extra weight. Sturdy frame is designed for maximum rigidity. Base extends entire length of machine to give more solid support.

Expensive modified Scotch yoke action plus great weight means much smoother and more vibrationless performance. Extra large table, 12x12 in., can be locked at any angle. Complete with double adjustable guide on hold down foot and guide below table. Will take jig saw blades 4 to 9-in. with plain ends.

99 PT 02267—Shipping wt., 65 lbs. . . . \$19.95

Jig Saw Light. For 99 PT 02267 or 99 PTM 2284 jig saws. Complete with bulb, 8-ft. cord and plug, and switch.

9 PT 2263—Shpg. wt., 12 oz. \$1.25

CRAFTSMAN FRET SAW AND JIG SAW BLADES

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.

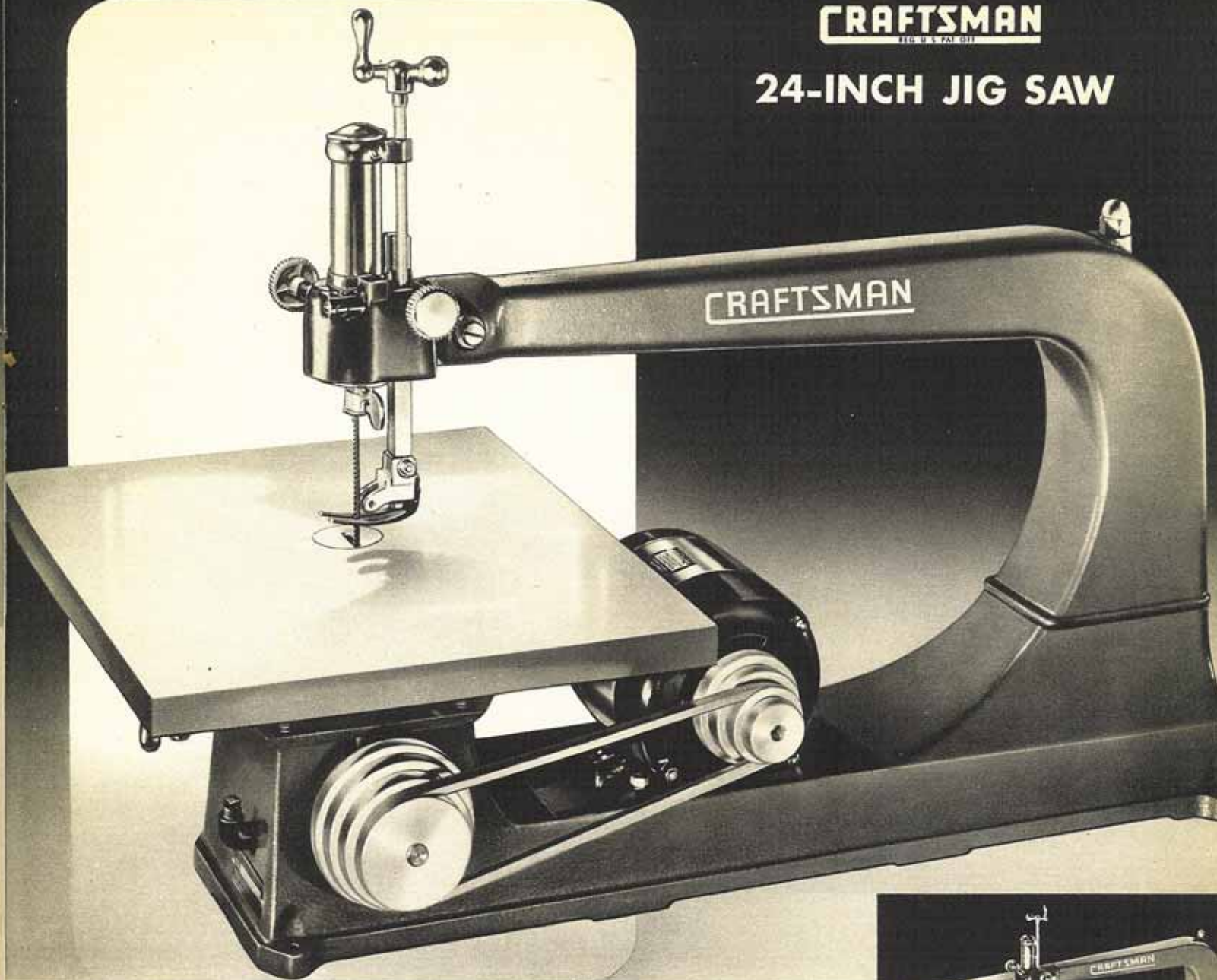
Catalog Number	Thickness, Inch	Width, Inch	Blades in Pkg.	Type End	Length, Inches	Teeth per inch	Use* For	Shpg. Wt.	Per Pkg.
9 PT 2692	.008	.035	8	Plain	6	22	W.V.Pd	1 oz.	21c
9 PT 2693	.010	.045	8	Plain	6	18	W.V.Pd	1 oz.	21c
9 PT 2694	.010	.055	8	Plain	6	16	W.V.Pd	1 oz.	21c
9 PT 2695	.010	.070	8	Plain	6	14	W.M.	1 oz.	21c
9 PT 2703	.020	.070	6	Plain	6	32	W.M.	1 oz.	21c
9 PT 2702	.014	.078	6	Plain	6	16	W.M.	1 oz.	21c
9 PT 2709	.020	.110	6	Plain	6	20	G.W.M.	1 oz.	21c
9 PT 2710	.020	.110	6	Plain	6	7	W.P.	1 oz.	21c
9 PT 2700	.020	.110	6	Plain	6	10	G.W.M.	1 oz.	19c

Catalog Number	Thickness, Inch	Width, Inch	Blades in Pkg.	Type End	Length, Inches	Teeth per inch	Use* For	Shpg. Wt.	Per Pkg.
9 PT 2701	.020	.110	6	Plain	6	16	G.W.M.	1 oz.	19c
9 PT 2704	.020	.110	6	Pin	5	10	G.W.M.	1 oz.	19c
9 PT 2705	.020	.110	6	Pin	5	15	G.W.M.	1 oz.	19c
9 PT 2706	.020	.110	6	Plain	8½	10	G.W.M.	1 oz.	21c
9 PT 2707	.020	.110	6	Plain	8½	15	G.W.M.	1 oz.	21c
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	¼	3	Saber	6	10	G.W.	1 oz.	19c
9 PT 2712	.010	.040	6	Pin	2¾	18	G.W.	1 oz.	19c

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

CRAFTSMAN
REG. U. S. PAT. OFF.

24-INCH JIG SAW



PRODUCTION TYPE . . . CUTS TO CENTER OF 48-IN. CIRCLE

\$34⁹⁵

Less Motor

- Ball crank and screw mechanism adjusts spring tension of blade.
- Extra large 14x14-inch table, mounted on two trunnions, front and rear.
- 4-Speed drive — speeds from 600 to 1500 R.P.M. for all types of work.
- Powerful sawdust blower is built into head. Keeps the work clean.

SPECIFICATIONS

Over-all Height	22 in.
Over-all Width	14 ³ / ₈ in.
Over-all Length	37 in.
Depth of Cut (Maximum)	2 in.
Depth of Throat	24 in.
Bearings	Bronze
Table Size	14 x 14 in.
Table Size, With Extensions (Extensions not supplied.)	18 x 25 ¹ / ₂ in.
Speeds	4; 600, 900, 1200 and 1500 R.P.M.
Motor Recommended	¹ / ₂ H.P. 1750 R.P.M.
Machine Pulley Supplied	4-step cone (Special)
Motor Pulley Supplied	4-step cone (Special)
Mounting Dimensions	30 ¹ / ₄ x 7 ³ / ₈ in.

Into this tool we've built every worthwhile improvement known to the power tool industry. This heavy duty CRAFTSMAN jig saw has features you'll find in no other jig saw made—regardless of price! It's a marvel of smooth, accurate operation! Scientifically designed to meet the toughest shop production problems.

Perfectly balanced modified Scotch yoke action. Mechanism is completely enclosed—runs in bath of oil. Oil pump forces oil to top of crankcase so bearings and operating parts are flooded with oil. Shaft and upper chuck spindle run in self-lubricating bronze bearings. Ball crank and screw mechanism adjusts spring tension on blade. 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. 4 speeds (600 to 1500 R.P.M.) for all types of work. Pivoted motor mounting permits quick change of belts from one speed to another. With 4-step drive pulley, 4-step motor pulley and V belt. Shipping weight, 105 pounds.

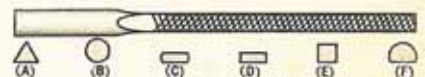
99 PTM 2284—Less motor \$34.95



CRAFTSMAN Table Extension Set

Designed to increase table size of 99PTM2284 jig saw to 18x25¹/₂ inches. Rip fence is handy for making straight cuts. Use wide jig saw or saber saw blades when using the fence for straight cuts. Set includes front extension, 14x4 inches; two side extensions, each 18x5³/₈ inches; and long rip fence, bars and necessary fittings. Shipping weight, 14 pounds.

9 PT 2278 \$8.50



Special Jig Saw Files

Made from special steel, heat treated and hardened. Strong, sharp, deep cut teeth. Their use eliminates tedious hand filing. ¹/₈-inch square shanks. For use on either 99PT02267 (page 10) or 99PTM2284 jig saws. Shpg. wt., ea., 1 oz.

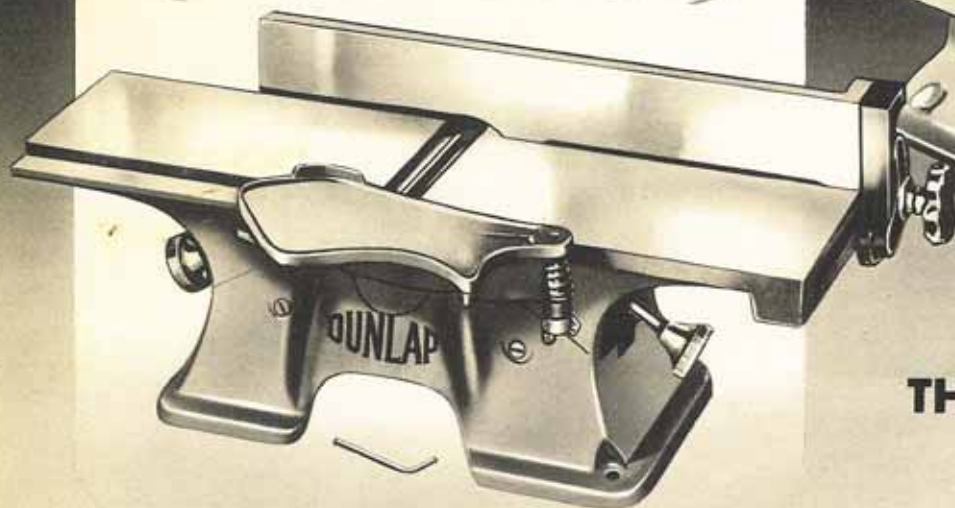
(A) 9 PT 2737—3 Square File 49c
 (B) 9 PT 2738—Round File 49c
 (C) 9 PT 2739—Crochet File 49c
 (D) 9 PT 2740—Pillar File 49c
 (E) 9 PT 2741—Square File 49c
 (F) 9 PT 2742—Half Round File 49c

DUNLAP JOINTER-PLANER

OUR OWN TRADE MARK

SPECIFICATIONS

For 99 PTM 2287 below			
Over-all Height	8½ in.	Cutter Head Material Knives Knife size	Steel Three 4x¾x½ in.
Over-all Width	9¾ in.		
Over-all Length	24¼ in.		
Width of Cut	4 in.	Speed	3600 R.P.M.
Depth of Cut	¾ in.	Motor Required	½ or ¾-H.P. 1750 R.P.M.
Rabbet Depth	¾ in.	Machine Pulley Supplied	2 in.
Bearings	2; bronze	Motor Pulley Recommended	4 in.
Front Table	10¼ in.	Mounting Dimensions	12½x5¾ in.
Rear Table	10¼ in.		
Length, Fence	17¾ in.		



CRAFTSMAN THICKNESS PLANER

DUNLAP BRONZE-BEARING JOINTER-PLANER

\$1995

- Three-blade 4-inch solid steel cutting head.
- Tables finish-ground after assembly on base to get greater accuracy and alignment.
- Large auto-lubricating bronze bearings for long life.

Far superior to lighter weight tools having similar width of cut. Tables operate on accurate ways. Each table is 10¼ in. long; fully adjustable. Machine is 24¼ in. long over-all. Screw feed control for depth of cut adjustment. 4-in. steel cutter head handles 4-in. lumber. Three high carbon steel knives locked in place with gib plates and set screws tapped through head itself. Guard is spring loaded to keep cutter head covered except when work is fed in. Fence adjustable for angle cuts.

99 PTM 2287—Shipping weight, 44 pounds. Not available..... \$19.95

Extra 4-inch Jointer Knives. For above jointer-planer. Fine quality tool steel, heat treated, hardened and accurately ground.

9 PT 2291—Set of 3. Shipping weight, 7 ounces..... \$2.65

CRAFTSMAN HAND FEED THICKNESS PLANER

\$3495

- Handles lumber up to 2x6 in. in the rough.
- Precision ball bearings for years of service.
- 2½-inch solid steel cutting head.
- Simple and efficient hand feed construction.

Will plane lumber up to 6 in. wide and 2 in. thick—and as small as 4 in. long and ¼-in. thick. Will hold a cut to a few thousandths of an inch. Heavy ribbed gray iron table and frame. Ways milled into one casting for greater accuracy. Hand wheel adjusts depth of cut—shown by accurate scale. Safety type solid steel cutter head with 3 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 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..... \$34.95

CRAFTSMAN HEAVY DUTY THICKNESS PLANER

\$18500

- Handles rough lumber up to 4x12 inches with the speed and accuracy of a mill planer.
- Power feed construction for faster operation.
- Three-blade 3¾-inch solid steel cutter head.

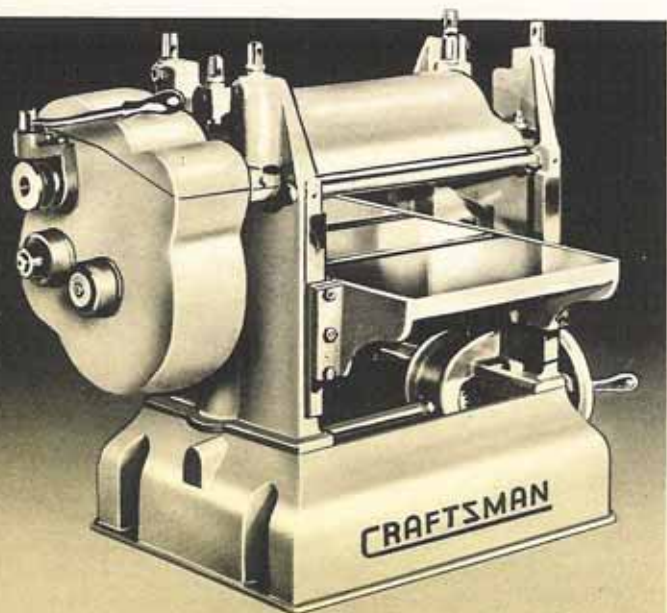
Built for steady day-in-and-day-out service. Not a jointer—but a thickness planer that easily handles big production jobs in shops and mills! Will plane material up to 12 inches wide and 4 inches thick—and as small as 6 inches long and ⅛-inch thick. Rate of feed, 17 lineal feet per minute.

Heavily ribbed table is fitted to main frame by machined ways. Frame is heavy, well ribbed one-piece casting. Graduated scale to determine the depth of cut. Adjustment for depth of cut made with convenient hand wheel. Scale shows depth of cut at all times. 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, 3¼ inches in diameter, is fitted with three high-speed knives. Feed rolls are machined from solid steel. Heavy duty ball bearings assure years of trouble-free operation.

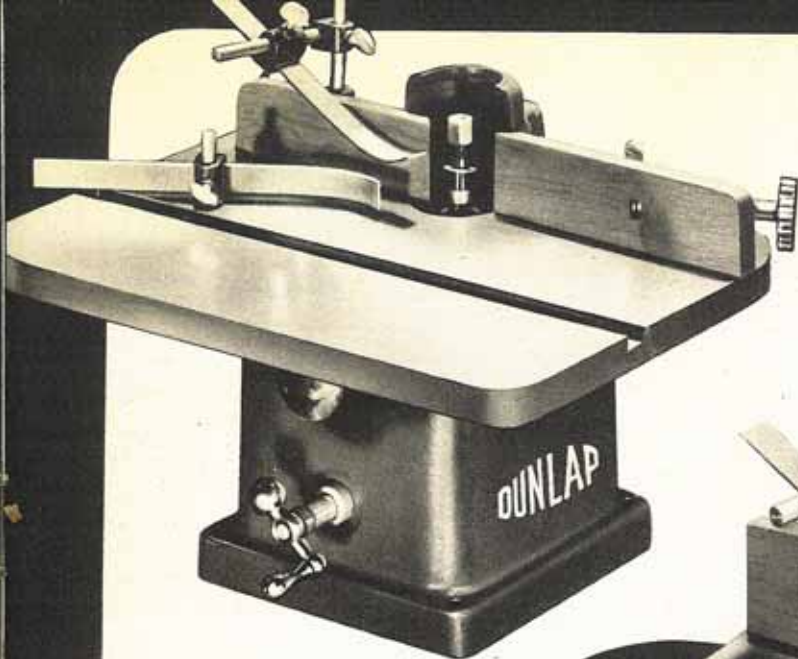
Motor requirements vary from ¾ to 2-H.P., 1750 R.P.M., depending on depth and width of cut, kind of wood, etc. Recommended cutter head speed, 4000 R.P.M. Use 3-in. "V" pulley on 3450 R.P.M. motor or 6½ to 8-in. "V" pulley on 1750 R.P.M. motor. Over-all dimensions: 23 in. high; 20 in. long; 31 in. wide. Shipped from factory in southern Ohio. Available on Priority only. See Page 32.

99 PTM 2349F—With 3-inch machine pulley. Shpg. wt., 290 lbs. . . \$185.00

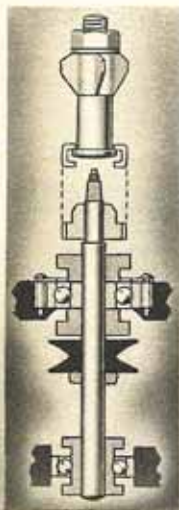
12 . . SEARS, ROEBUCK AND CO.



HIGH SPEED BALL BEARING WOOD SHAPERS



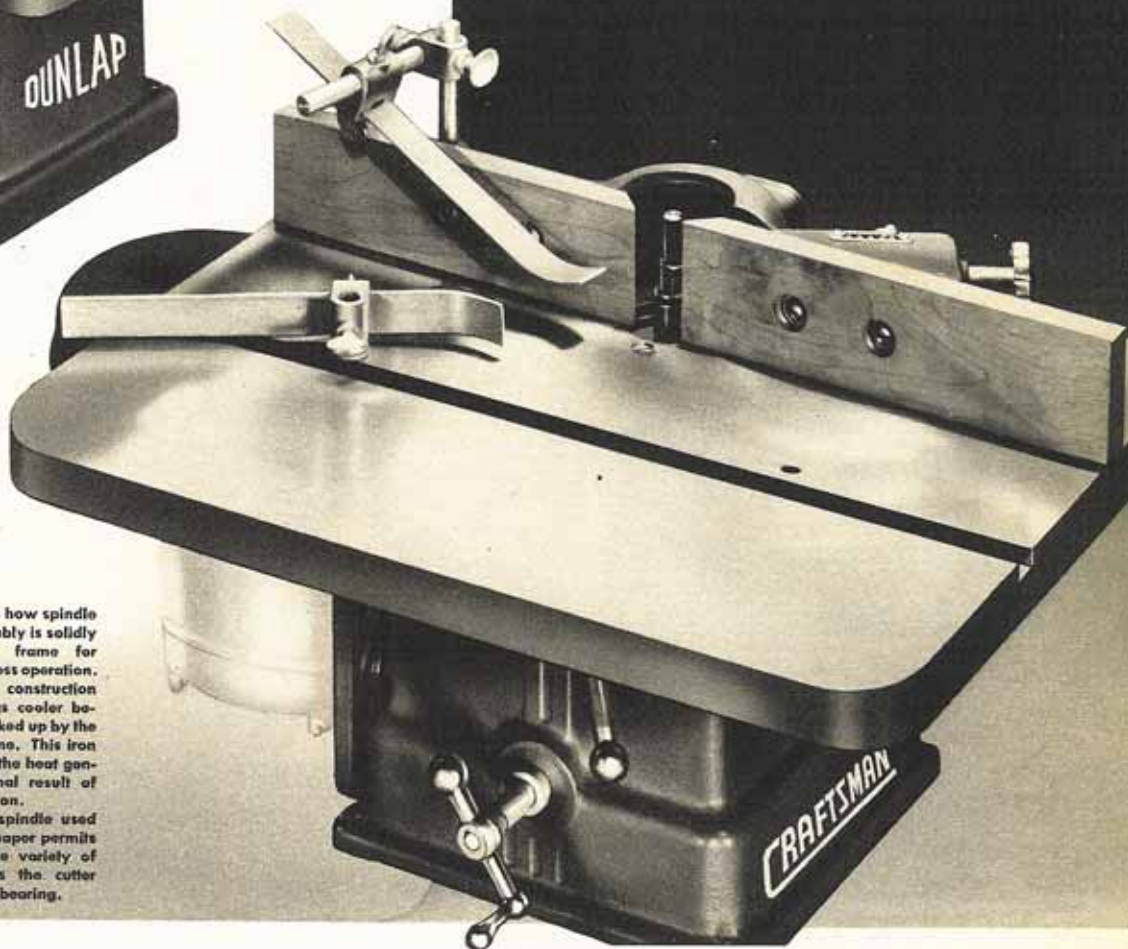
All Items on This Page
Available on Priority
Only. See Page 32



View at left shows how spindle and bearing assembly is solidly mounted in the frame for smooth, vibrationless operation.

Fixed spindle construction keeps the bearings cooler because they are backed up by the large massive frame. This iron rapidly dissipates the heat generated as a normal result of high speed operation.

Heavy tapered spindle used on CRAFTSMAN shaper permits the use of a wide variety of cutters and keeps the cutter close to the upper bearing.



FIXED SPINDLE CONSTRUCTION ASSURES SMOOTH OPERATION AT HIGH SPEEDS

DUNLAP SHAPER

We believe this is the first low priced, high speed shaper with the built-in quality features necessary to do first class work!

\$1995

- Adjustable 15 $\frac{1}{8}$ x10 $\frac{1}{2}$ -inch table.
- Ball bearings for smooth operation at the high speed of 8,000 R.P.M. Permanently sealed against sawdust and grit.
- Rigid fixed spindle construction holds cutters in positive alignment.

The shaper that made power tool history! Upper end of spindle is turned down to $\frac{1}{2}$ inch to accommodate standard $\frac{1}{2}$ -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. One side of fence is adjustable for jointing operations by means of screw feed. Complete with guard and guide assembly, hold-down clips and fittings, etc. Shipping weight, 48 pounds.

99 PT 02317..... \$19.95

SPECIFICATIONS

	99PT02317	99PTM2309
Over-all Height	14 in. (Min.) 15 $\frac{1}{2}$ in. (Max.)	16 in. (Min.) 19 in. (Max.)
Over-all Width	16 $\frac{1}{2}$ in.	28 in., with motor
Over-all Depth	13 $\frac{1}{2}$ in., less motor	16 in.
Cutter Height (Maximum)	1 in.	1 in.
Cutter Bore	$\frac{1}{2}$ in.	$\frac{1}{2}$ in. Adapters available for $\frac{3}{8}$ in. and sash cutters.
Bearings	2; ball	2; ball
Table Size	15 $\frac{1}{8}$ x10 $\frac{1}{2}$ in.	21x15 in.
Spindle	$\frac{1}{2}$ -in. diam. Threaded. For $\frac{1}{2}$ -in. bore cutters	$\frac{3}{8}$ -in. diam. Modified No. 2 Morse taper
Speed Recommended	8,000 R.P.M.	8,000 R.P.M.
Motor Recommended	$\frac{1}{2}$ -H.P., 3450 R.P.M.	$\frac{1}{2}$ -H.P., 3450 R.P.M.
Machine Pulley Supplied	1 $\frac{1}{2}$ -in.	1 $\frac{3}{4}$ -in.
Motor Pulley	4-in. (Not supplied)	4-in. (Supplied)
Mounting Dimensions	8 $\frac{3}{4}$ x6 $\frac{1}{2}$ in.	10x8 $\frac{3}{4}$ in.

CRAFTSMAN SHAPER

Our best wood shaper—no finer made. Built for high speed, heavy duty production service. An ideal tool for shops and commercial applications.

\$3995

- Will operate at 12,000 R.P.M. without vibration on heavy duty sealed ball bearings.
- Extra-large heavy duty 21x15-inch table adjustable in height.
- Versatile tapered spindle will take any adapters listed below.

Table is moved on 2 $\frac{3}{4}$ -inch diameter column by means of gears and raising screw. 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. Guard covers motor pulley. With 32-inch belt, 4-inch motor pulley, motor mounting, hold downs, and $\frac{1}{2}$ -inch size adapter for tapered spindle. Shpg. wt., 105 lbs.

99 PTM 2309..... \$39.95

Adapters for above shaper only. Also fit CRAFTSMAN drill presses. Shpg. wt., ea., 7 oz.
9 PT 2434—Adapter for $\frac{3}{8}$ -in. bore cutters..... \$1.45
9 PT 2435—Adapter for $\frac{1}{2}$ -inch bore cutters..... .98
9 PT 2437—Adapter for sash cutter below..... 1.45
Sash cutter. Use with 9PT2437 adapter above..... \$1.60
9 PT 2438—Shipping weight, 4 oz.....

CRAFTY ROTARY ELECTRIC TOOLS

- Hundreds of uses! Drilling . . . grinding . . . polishing . . . engraving . . . sawing . . . sanding . . . cutting . . . routing, etc.
- May be used on wood, metal, glass, plastics, etc.
- Actually 50% more power than much higher priced tools!
- Equipped with condenser which reduces radio interference.
- Approved by the famous Underwriters' Laboratories, Inc.



CRAFTY DELUXE ROTARY TOOL

Reg. U. S. Pat. Off.

Has all the fine features which have made our standard CRAFTY so tremendously popular—and in addition it has many extra features, refinements of design, and added accessories—which make it even more outstanding in its field! Compare it with \$30 outfits! . . . You can't match it elsewhere—because there's no other rotary tool like it made! Has **removable pistol grip** for ease in handling. Accurate chuck with collet insert assures solid locking of accessories. Gauge acts as ripping guide. Deluxe fittings throughout.

\$17.95
Complete

35 accessories assure great versatility. The set includes one each of all the accessories on 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.

- 9 PT 2652—Complete with accessories. Shpg. wt., 3 lbs. 4 oz. \$17.95
- 9 PT 2842—Pistol grip assembly only. For any model of the CRAFTY except the Super CRAFTY on opposite page. Shpg. wt., 8 oz. 69¢
- 9 PT 2843—Gauge and rip guide only. For any model of the CRAFTY which has finger rest. Shpg. wt., 4 oz. 29¢

STANDARD CRAFTY ROTARY TOOL

Reg. U. S. Pat. Off.

Compare this tool, feature for feature, with others selling for as much as \$25.00! Then you'll know why it has become so tremendously popular! It's even better than the CRAFTY we originally offered—and actually priced less!

\$14.95
Complete

It's a whole shop full of tools in one! Has literally hundreds of uses in every shop . . . in every tool room . . . in every line of industry.

Notice these quality features! Extra heavy field coils . . . Perfectly balanced armature with built-up commutator . . . Improved fan cooling system . . . Grease-packed precision ball bearing in front . . . Self-aligning rear bronze bearing . . . Easily replaceable brushes . . . On-off switch . . . Finger rest over chuck . . . Handy ripping guide.

Complete with 26 accessories. Includes 6 grinding stones, 5 cutters, 3 drills, brushes, saws, polishing accessories, etc., chuck wrenches, collet chuck, socket wrench, emery wheel dresser, replacement brushes, rubber covered cord and plug, and heavy wood box. For complete specifications see table at right. Shipping weight, 2 lbs. 10 oz.

9 PT 2651—Complete with accessories. \$14.95

9 PT 2650—Same as the CRAFTY above, but without the 26 accessories. Complete with chuck wrench, collet chuck, socket wrench, set of replacement brushes, cord and plug, and handy box. Shpg. wt., 1 lb. 8 oz. \$11.45

SPECIFICATIONS

	9 PT 2650, 9 PT 2651 and 9 PT 2652	9 PT 2658
Over-all Length	7 in.	6 1/4 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	1/2 and 3/8 in.	Universal—up to 1/2 in.
Speed	18,000 R.P.M.	20,000 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 design; positive break	Special design; positive break
Brushes	Large size carbon; replaceable from outside	Large size carbon; replaceable from outside
Fan	Induction rotor; 4-blade	Induction rotor; 4-blade



- (A) 9 PT 2670—Oblong cutter. Diameter, 1/4-inch. 59¢
- (B) 9 PT 2836—Ball cutter. Diameter, 3/16-inch. 59¢
- (C) 9 PT 2671—Ball cutter. Diameter, 3/8-inch. 59¢
- (D) 9 PT 2672—Cone cutter. Diameter, 1/2-inch. 59¢

- (E) 9 PT 2673—Oval cutter. Diameter, 1/2-inch. 59¢
- (F) 9 PT 2674—Flat cutter. Diameter, 1/2-inch. 3/16-inch long. 59¢
- (G) 9 PT 2837—Pointed cutter. Diameter, 3/8-inch. 59¢
- (H) 9 PT 2656—Saw and mandrel. Diameter, 1/2-inch. .032 thick. 69¢

- (J) 9 PT 2689—Saw blade only, without mandrel. Diameter, 1/2-inch. 49¢
- (K) 9 PT 2684—High speed drill. Diameter, 1/8-inch. 23¢
- (L) 9 PT 2685—High speed drill. Diameter, 3/16-inch. 23¢
- (M) 9 PT 2686—High speed drill. Diameter, 1/8-inch. 23¢

- (N) 9 PT 2795—Shaping cutter. 1/4-inch high. 59¢
- (P) 9 PT 2796—Shaping cutter. 1/4-inch high. 59¢
- (Q) 9 PT 2797—Shaping cutter. 1/4-inch high. 59¢

- (R) 9 PT 2679—Gray bristle brush. Diameter, 3/4-inch. 10¢
- (S) 9 PT 2680—Cup type bristle brush. Diameter, 1/2-inch. 10¢
- (T) 9 PT 2681—Mounted porte polishing brush. For hard-to-get-at-places. Diameter, 3/4-inch. 10¢

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

SUPER CRAFTY 4-STAR FEATURE



- ★ Has new scientific streamlined design
- ★ 30% more power than our other CRAFTYS
- ★ Has exclusive sure-grip collet chuck
- ★ Approved by Underwriters' Laboratories

\$19⁹⁵
Complets

Use Sears Easy Terms
See Inside Front Cover

NO OTHER ROTARY TOOL LIKE IT!

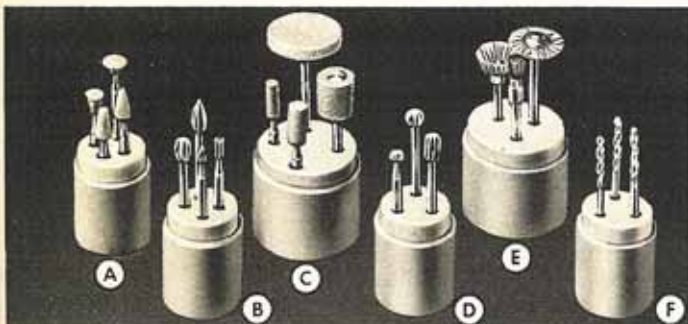
No wonder we've made this sensational streamlined CRAFTY a 4-Star Feature! You can pay \$35.00—and still not match it—because it has features found in no other rotary tool in the world!

The CRAFTYS on the opposite page have 50% more power than comparable rotary tools—but this one has even 30% more than that! Highly polished chromium plated aluminum alloy housing—light in weight, and designed for efficient cooling. **Removable pistol grip.** All moving parts except the nose of the chuck are covered for maximum safety.

The **super-grip collet chuck** will grip and securely hold drills up to a 3/8-in. shank—all without changing the collet insert. And even more, it grips the full length of accessory shanks, which a conventional type chuck cannot do. **A built-in condenser reduces radio interference.**

Complete with cord and plug, improved box, and all the equipment and accessories which are included with the Deluxe CRAFTY on the opposite page. For specifications, see table on opposite page.

9 PT 2658—Complete set. Shpg. wt., 3 lbs. 12 oz. \$19.95



CRAFTY Accessory Sets in Wood Boxes

- (A) Mounted Emery Stones. 1/8-in. diam. stone; 1/4-in. taper stone; 1/2-in. inverted taper stone; 3/4-in. pointed stone. Shipping weight, 3 ounces.
9 PT 2955—Set of 4. \$1.10
- (B) Cutters. 1/2-in. cone; 3/2-in. oval; 1/2-in. flat; 3/4-in. pointed. Shipping weight, 3 ounces.
9 PT 2957—Set of 4. \$2.25
- (C) Mounted Emery Stones. 1-in., 1/2-in., 3/4-in., and 1/16-in. diameters. Shpg. wt., 3 oz.
9 PT 2956—Set of 4. \$1.10
- (D) Cutters 3/8-inch oblong; 1/16-inch ball; and 1/4-inch ball. Shipping weight, 3 oz.
9 PT 2958—Set of 3. \$1.65
- (E) Mounted Brushes. 3/4-inch bristle; 3/8-inch cup type; and 3/16-inch polishing brush. Shpg. wt., 3 oz.
9 PT 2959—Set of 3. 35c
- (F) High Speed Drills. 1/8, 1/4, and 3/8 inch. Shipping weight, 3 ounces.
9 PT 2954—Set of 3. 85c



Router Stand

Converts your CRAFTY into a handy router. Looking device makes it possible to adjust tool for desired depth of cut. Entire tool may be moved about to follow a pattern. May be used with any model of the CRAFTY shown on these 2 pages. Shipping weight, 3 pounds.

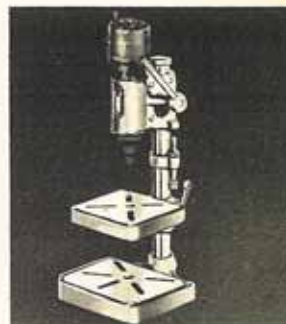
9 PT 2846 — Router stand only, without CRAFTY. \$2.75



Shaping and Grinding Stand

Two tools in one! May be used as a shaper in the position shown in large illustration—or table may be removed and barrel tilted to any position for grinding, carving, polishing, etc. Sturdy gray iron construction with carefully ground table. Adjustable fence is locked with two screws for greater rigidity. Table adjustable in height. May be used with any model of the CRAFTY. Shipping weight, 4 pounds 6 ounces.

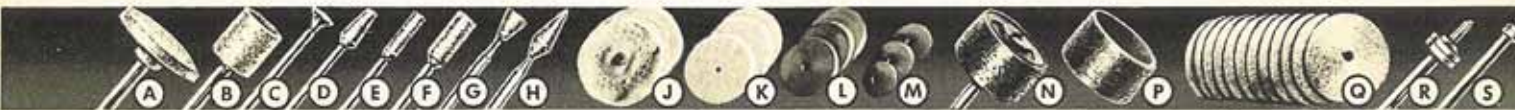
9 PT 2845—Shaping and grinding stand only, without CRAFTY. \$4.75



Drill Stand

Converts your CRAFTY into a drill press! Superior to outfits selling for 3 times as much elsewhere! Heavy gray iron base, table and head. Table locks to heavy steel column at any height. Rack and pinion spring loaded feed; feeds accurately. For any CRAFTY. Shpg. wt., 5 lbs. 6 oz.

9 PT 2848—Stand only, without CRAFTY. \$6.75



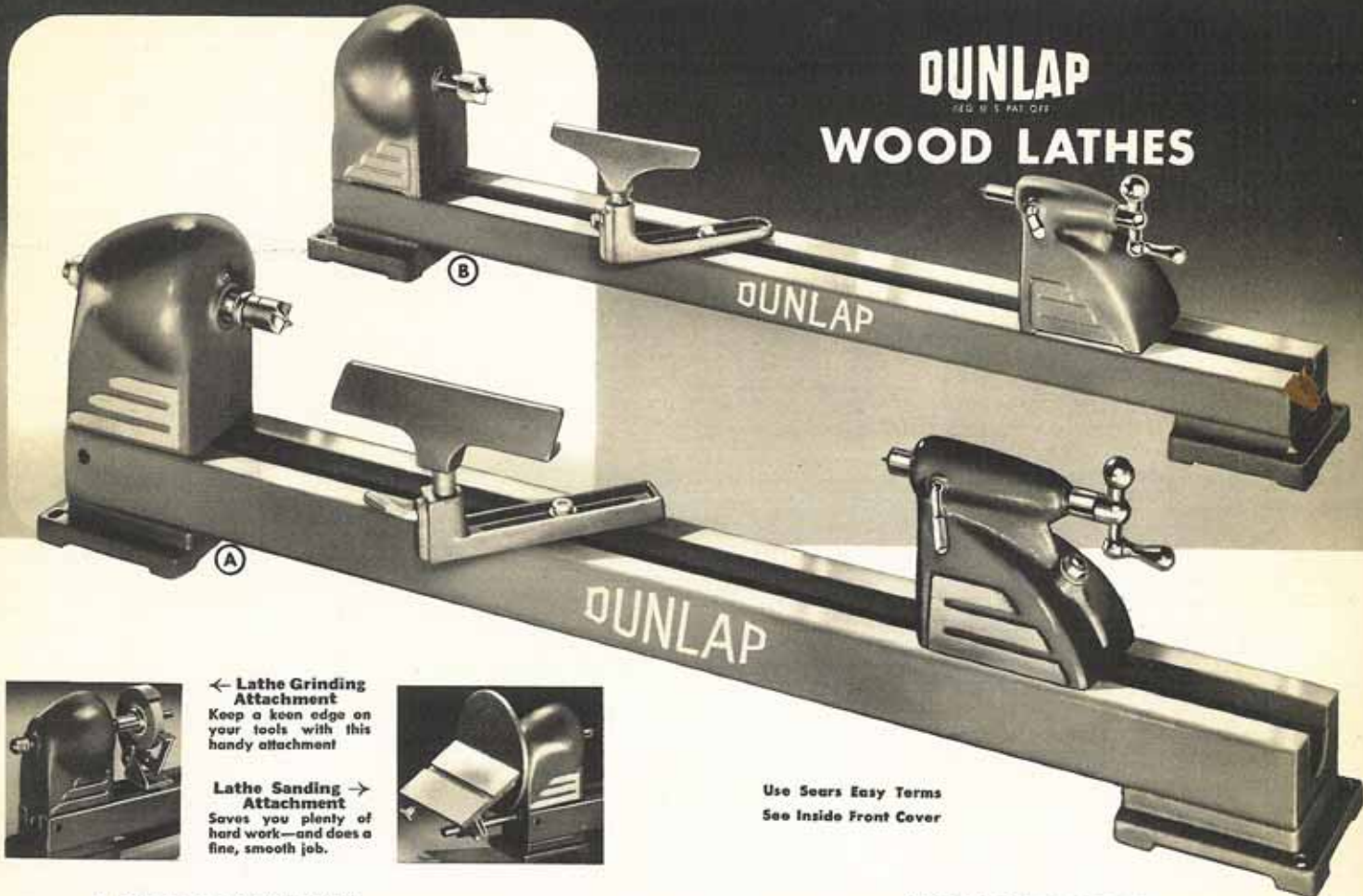
- (A) 9 PT 2653—Mounted emery wheel. 1-in. diam.; 1/4-in. thick. .29c
- (B) 9 PT 2654—Mounted emery wheel. 1/2-in. diam.; 1/2-in. long. .29c
- (C) 9 PT 2675—Mounted emery wheel. 3/8-inch diameter. 29c
- (D) 9 PT 2676—1/4-inch taper mounted emery wheel. 29c
- (E) 9 PT 2677—Mounted emery wheel. 3/8-in. diam.; 1/2-in. 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.; 1/4-in. long. 29c
- (H) 9 PT 2832—Pointed stone. 1/4-in. diam.; 1/4-in. long. 29c
- (J) 9 PT 2951—Set of 3 buffing wheels, 1 1/4-inch diameter. 39c
- (K) 9 PT 2977—Set of 3 felt buffers. 1-inch diameter. 35c
- (L) 9 PT 2952—Set of 3 rubber bonded polishing wheels. 1/2-inch diam. 29c
- (M) 9 PT 2953—Set of 3 knife edge rubber taper wheels. 3/8-inch diameter. 29c
- (N) 9 PT 2696—Mounted sanding drum assembly. 3/4-in. diam. With sanding sleeve. 45c
- (P) 9 PT 2699—Four sanding drum sleeves. To be used as replacement sleeves on sanding drum above. 23c
- (Q) 9 PT 2691—Set of twelve high quality silicon carbide discs. The diameter of these discs is 1 inch, 1/2-inch thick, 1/16-inch hole. 23c
- (R) 9 PT 2666—Nut-and-collar type mandrel. 15c
- (S) 9 PT 2667—Screw-in-end type mandrel. 15c

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

DUNLAP

REG. U.S. PAT. OFF.

WOOD LATHES



← **Lathe Grinding Attachment**
Keep a keen edge on your tools with this handy attachment

Lathe Sanding Attachment →
Saves you plenty of hard work—and does a fine, smooth job.

Use Sears Easy Terms
See Inside Front Cover

A FULL 38-INCH BED!

Recommended for the beginner and the small shop. Sturdy, solid construction and sound basic design insure a good practical tool.

\$645

- Large capacity—Full 8-inch swing—27 inches between centers—38-inch bed.
- 2 long life auto lubricating bronze bearings.

ⓑ Compare it—for features and capacity—with lathes selling for 50% more! Enclosed double bearing headstock covers V belt drive for maximum safety. Has 3 speed drive, 1025 to 2985 R.P.M. Ball thrust bearing absorbs spindle thrust. $\frac{5}{8}$ -inch spindle projects for outboard turning. With wrench, cup and spur centers.

99 PT 02051—Shipping weight, 22 lbs. . . \$6.45

Lathe Grinding Attachment. (Left inset above). For all kinds of grinding. Includes guard, tool rest, arbor to fit on spindle, 4x $\frac{3}{4}$ -in. grinding wheel, clamps, etc., for use on 99PT02051 or 99PTM2014 lathes.

9 PT 2011—Shipping weight, 1 lb. 10 oz. . . . \$1.85

Lathe Sanding Attachment. (Right inset above). Consists of tilting table of ground gray iron and mountings for use on either 99PT02051 or 99PTM2014 lathes. Use with sanding disc 9PT2159 below, right.

9 PT 2214—Shipping weight, 6 lbs. 8 oz. . . . \$4.25

SPECIFICATIONS

	99PT02051	99PTM2014
Over-all Height	9 $\frac{1}{4}$ in.	10 $\frac{3}{4}$ in.
Over-all Width (less cross slide and rest)	4 $\frac{1}{2}$ in.	5 $\frac{1}{2}$ in.
Over-all Length	42 $\frac{1}{4}$ in.	47 $\frac{1}{4}$ in.
Swing over Bed Between Centers	8 in.	9 in.
Spindle Bearings	2; Bronze	2; Bronze
Thrust Bearings	1; Ball	1; Ball
Spindle Size	Straight $\frac{5}{8}$ x6 in.	Straight $\frac{5}{8}$ x8 $\frac{1}{2}$ in.
Speeds	3: 1025, 1750 and 2985	4: 700, 1360, 2250, 3800
Motor Recommended	$\frac{1}{4}$ or $\frac{1}{2}$ -H.P. 1750 R.P.M.	$\frac{1}{4}$ or $\frac{1}{2}$ -H.P. 1750 R.P.M.
Motor Pulley (Not Supplied)	9PT2788 3 $\frac{3}{4}$ in. 3-step cone	9PT2792 4 in. 4-step cone
Mounting Dimensions (center to center of holes in base.)	3 $\frac{1}{2}$ x39 $\frac{1}{4}$ in.	4 $\frac{1}{2}$ x44 in.

HEAVY DUTY CONSTRUCTION

This lathe offers you sturdy construction and sufficient capacity for almost any job encountered in the average shop. Notice the size!

\$1395

- 9-inch swing over bed—30 inches between centers—44-inch tempered steel bed.
- Heavy rigid construction for fast vibrationless cutting.

Ⓐ Sears power tool leadership again produces a value triumph! You would expect to pay much more for a lathe of this big capacity. Long life auto lubricating bronze bearings with extra large oil reservoirs on both sides of spindle pulleys support the spindle solidly against all cutting thrust. Ball thrust bearing absorbs end thrust to assure smooth, accurate operation. Massive enclosed type headstock covers the 4-speed drive pulley for maximum safety. 4 speeds, 700 to 3800 R.P.M. $\frac{5}{8}$ -inch spindle projects for outboard turning. Lathe comes complete with wrench, spur and cup centers. Not available.

99 PTM 2014—Shpg. wt., 42 lbs. \$13.95



Face Plates

For either lathes above or any other lathe with $\frac{1}{2}$ -inch plain spindles. Set screw provided to lock plate in position on spindle. Check spindle size before ordering.

- Ⓐ 9 PT 2080—3 $\frac{1}{2}$ -inch. Shipping weight, 7 oz. . . . \$1.25
- Ⓑ 9 PT 2081—6-inch. Shipping wt., 14 oz. . . . 1.65

Spur Center

Ⓒ For either lathes above or any other lathe with $\frac{1}{2}$ -inch spindles. Check spindle size before ordering. Shipping weight, 6 ounces.

9 PT 2105 69c

Cup Center

Ⓓ For fullstock of lathes. Fits any $\frac{1}{2}$ -inch spindle. Check size.

9 PT 2102—Shipping weight, 6 oz. . . 69c

Work Arbor with Chuck

Ⓔ Fits $\frac{1}{2}$ or $\frac{3}{8}$ -inch straight spindle. Fastens with 2 set screws. $\frac{1}{2}$ -inch by 24-thread, 3-jaw $\frac{1}{2}$ -inch chuck. State whether for $\frac{1}{2}$ or $\frac{3}{8}$ -inch spindle. Check size.

9 PT 2118—Shpg. wt., 1 lb. 10 oz. . . \$1.10

Work Arbor

Ⓕ Same as 9PT2118 but without chuck. Finely faced steel collars. State whether for $\frac{1}{2}$ or $\frac{3}{8}$ -inch spindle. Check before ordering.

9 PT 2120—Shpg. wt., 15 oz. 49c

Drill Chuck and Arbor

Ⓒ CRAFTSMAN, $\frac{1}{2}$ -in. 3-jaw chuck with arbor, for $\frac{1}{2}$ -in. or $\frac{3}{8}$ -in. straight spindles. Spanner wrench provided to operate chuck. Arbor $\frac{1}{2}$ -in. x 24-thread. State whether for $\frac{1}{2}$ or $\frac{3}{8}$ -in. spindle. Check size before ordering.

9 PT 2140—Shpg. wt., 1 lb. 6 oz. . . \$1.15

3-Jaw Drill Chucks

Fit $\frac{1}{2}$ -inch 24-thread per inch spindles. Check before ordering.

- Ⓖ 9 PT 2130— $\frac{1}{4}$ -inch capacity. Shpg. wt., 5 oz. 39c
- Ⓕ 9 PT 2132— $\frac{1}{2}$ -inch capacity. Shpg. wt., 12 oz. 65c
- Ⓖ 9 PT 2134— $\frac{3}{8}$ -inch capacity. Similar to chuck used on 9PT2140 above. Has spanner wrench. Shpg. wt., 1 lb. . . 98c

Drum Sander

Ⓖ Complete with adapter and sleeve. Fits $\frac{1}{2}$ -in. x 24-threaded shaft, 3 inches long, 2-inch diameter. To put on new sleeve just loosen adapter nut. Can mount on 9PT2120 arbor at left or either of lathes above. Shpg. wt., 12 oz.

9 PT 2520 98c

9 PT 2522—Sanding sleeve for above drum. Fine, medium or coarse. State grit. Shpg. wt., 2 oz. Each. 10c

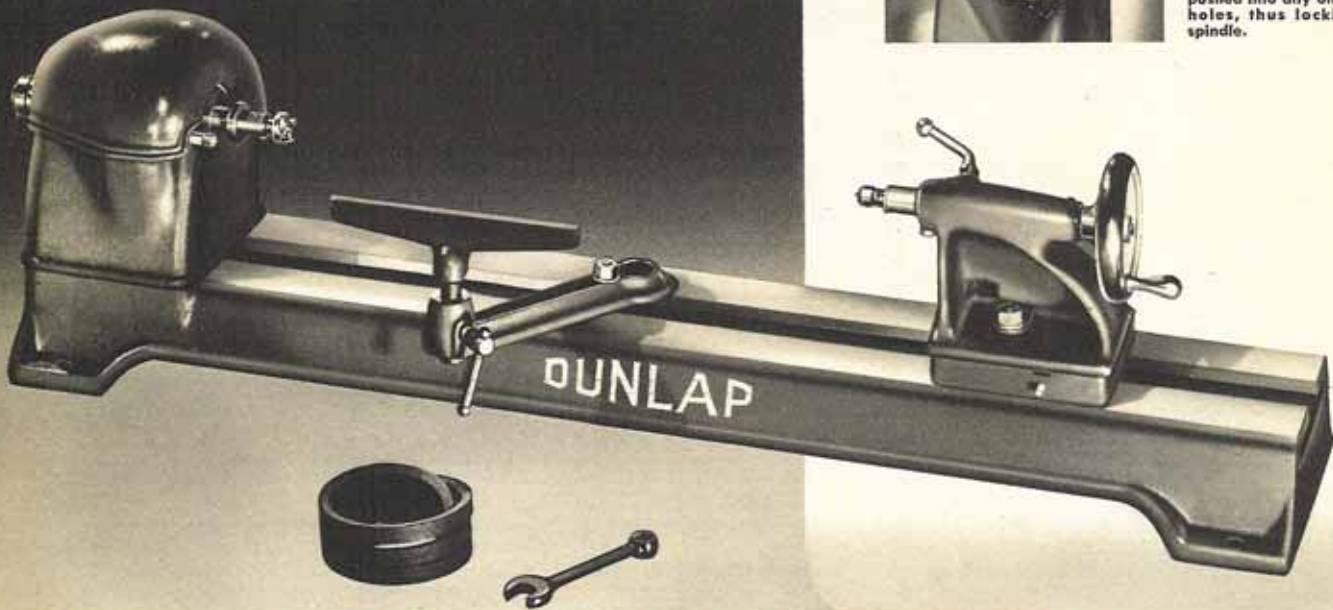
Sanding Discs

Ⓜ Carefully machined and balanced discs fitted with sandpaper. Can be used on either lathe above. Fit only $\frac{5}{8}$ -in. straight spindle. Set screw is provided to lock disc on spindle. Be sure to check spindle size before ordering.

- 9 PT 2158 6-inch. Shpg. wt., 12 oz. \$1.89
- 9 PT 2159 8-inch. Shpg. wt., 1 lb. \$2.45

DUNLAP
REG. U. S. PAT. OFF.

BRONZE BEARING LATHE



View showing pulley guard thrown back. The V belt drive is normally enclosed for complete safety, yet it is easy to get it to change speeds. The 4-step cone pulley has 60 accurately spaced holes for indexing, dividing, etc. Complete with spring loaded indexing lock which can be pushed into any one of the holes, thus locking the spindle.

9-IN. SWING . . . 30 IN. BETWEEN CENTERS . . . 44-IN. BED

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 3/4 inch No. 1 Morse 3/8 inch
Tailstock Taper	No. 1 Morse	
Speeds	4; 700, 1300, 2300, 4000 R.P.M.	
Motor Recommended	3/4-H.P., 1750 R.P.M.	
Machine Pulley (Supplied)	4-inch 4-step cone	
Motor Pulley (Not Supplied)	4-inch, 4-step cone 9 PT 2792 (Page 19)	
Mounting Dimension (Center to center of holes in base)	5 7/8 inches x 40 3/4 inches	

- Bearings located on both sides of spindle pulley for perfect support.
- Oversize bronze bearings are auto lubricated. Sealed against dirt.
- Equipped with No. 1 Morse taper centers in head and tailstock.
- 4 speeds are available ranging from 700 R.P.M. to 4000 R.P.M.

\$1995
Cash

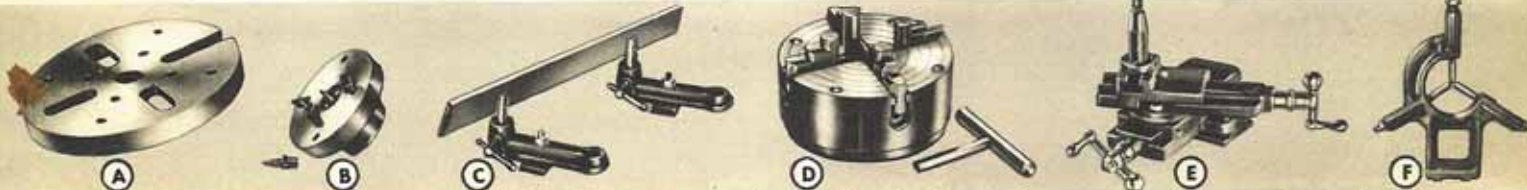
We believe this is America's most popular lathe. Thousands of craftsmen acclaim it the perfect answer to their requirements. Big enough for almost any job and heavy enough to do metal turning with proper attachments.

The double bearing mounting of the spindle makes it easy to turn out large diameter work on the outboard end of the spindle. All bearings are of auto-lubricating type, sealed in a bath of oil to give practically limitless service. Oil is filtered through the bronze itself — keeps spindle journals free from dirt and grit . . . assures longer life . . . greater accuracy. All longitudinal end thrust that comes on the spindle is absorbed by the built-in ball thrust bearing. Smooth, vibrationless operation is thus assured even under heavy cuts and high speeds.

Husky 44-in. gray iron bed is rigid, well

braced. Bed is carefully machined for accuracy and easy operation of tailstock and tool rest. Has a swing large enough to get away from a gap in the bed which would otherwise handicap the metal worker in bringing compound rest close to headstock for various operations. Tailstock has set over for turning tapered work when cutting metal. Pulley is accurately indexed so work may be divided and flutes may be cut into spindles or columns. Headstock spindle has right hand threads inboard; left hand threads outboard. Permits use of face plates on either end without reversing motor. Use of No. 1 Morse taper centers on both head and tailstock makes it easy to use work arbor, drill chucks, etc. Complete with "V" belt, wrench, 8-in. tool rest and No. 1 Morse taper spur and cup centers.

99 PTM 2019—Shpg. wt., 60 lbs. . . . \$19.95



High Grade Face Plates

- A** 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. . . . \$1.65
- B** 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. . . . \$1.65
- C** 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. . . . \$1.25

18-in. Tool Rest

- C** A great convenience when making long turnings, such as table legs or lamp spindles. Makes it unnecessary to shift the standard tool rest down the bed. Readily adjusted for height. Well machined and nicely finished. Complete with bed brackets. Shipping weight, 7 pounds. 9 PT 2173 . . . \$3.29

4-Jaw Lathe Chuck

- D** Four husky jaws, each one reversible. Each jaw can be moved by itself. Used to hold a variety of different shapes of work, 4-inch diameter. Key and back plate to fit 99PTM2019 lathe. Fits 3/4-inch threaded spindle. Available on Priority only. See Page 32. Shipping weight, 4 pounds 4 ounces. 9 PT 2156 . . . \$5.95

Compound Rest

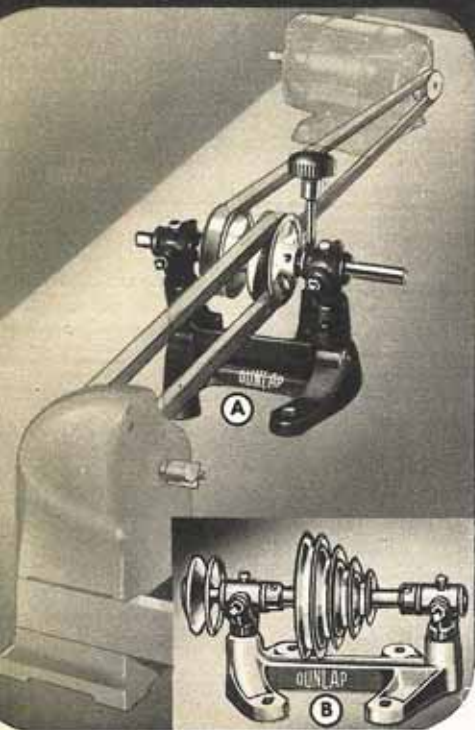
- E** Feed collars graduated to 1/1000 inch. Angular dial graduated to 180 degrees. Transverse feed, 5 3/4-in.; angular or longitudinal feed, 6-in. (For tool bits and holders, see Page 31.) Available on Priority only. See Page 32. Shpg. wt., 17 lbs. 99 PT 02168 \$16.95

Steady Rest

- F** For supporting extra long work in lathe. Prevents vibration in slender work which might result from thrust of tool bit. Fitted with best quality jaws! Very essential when turning long, slender pieces in the lathe. Clamps to lathe bed. Shipping weight, 4 pounds. 9 PT 2178 . . . \$4.65

SEE PAGE 18 FOR ADDITIONAL LATHE ACCESSORIES

WOOD LATHE ACCESSORIES



Jack Shafts for Speed Variations

For broad speed range on lathes, drill presses, jig saws, sanders, grinders, buffers, etc. Generally used between motor and tool being driven. With proper pulleys, speed of the jackshaft itself may be raised or lowered from motor speed. This raises or lowers the entire range of speeds on driven machine. Both types have self-aligning, auto-lubricating bronze bearings with oil reservoirs.

(A) Multi-Speed Jack Shaft. Does away with a series of steps; permits gradual increase or decrease in R.P.M. of driven tool. Moving hand knob moves shaft to and from motor and causes diameter of one pulley to increase and other to decrease. 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, pulleys or stopping motor.

9 PT 2496—Shipping weight, 6 lbs. **\$4.65**

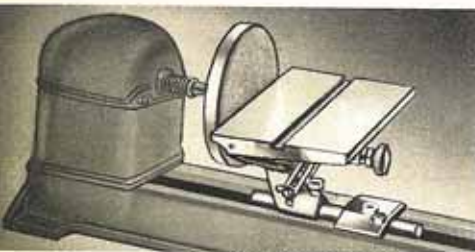
(B) Cone Pulley Jack Shaft. Varies speed in certain definite steps. Used with matching cone pulley on machine. For use with 3/4-inch V-belt.

9 PT 2494—Shpg. wt., each, 7 lbs. 8 oz. **State size.**

With 3-inch, 3-step pulley..... **\$3.50**

With 4-inch, 4-step pulley..... **\$3.65**

With 5-inch, 4-step pulley..... **3.75**



Sanding Attachment

For perfect sanding jobs and to produce accurate mitered joints. Rugged table is firmly mounted on lathe bed. May easily be tilted to any desired angle. For 99 PTM 2019 lathe listed and described on page 17. Sanding disc not included (see below). Shipping weight, 9 pounds.

9 PT 2250..... **\$4.25**

8-inch Sanding Discs

Threaded to fit lathe spindle of 99 PTM 2019 lathe listed and described on page 17. Shipping weight, 2 pounds.

9 PT 2160..... **\$2.65**



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, 3/4-inch wide..... **75c**
- (B) 9 PT 2851—Gouge, 1/2-inch wide..... **\$0.79**
- (C) 9 PT 2852—Gouge, 3/4-inch wide..... **1.09**
- (D) 9 PT 2854—Spear Point Chisel, 3/4-in. wide.. **.75**
- (E) 9 PT 2856—Round Nose Chisel, 3/4-inch wide. **.75**
- (F) 9 PT 2858—Parting Tool, 3/4-inch wide..... **.75**
- (G) 9 PT 2862—Skew Chisel, 1/2-inch wide..... **.75**
- (H) 9 PT 2863—Skew Chisel, 1-inch wide..... **1.09**

9 PT 2853—Complete set of 8 chisels listed above, in sturdy box. Shpg. wt., 8 lbs. 10 oz. **\$8.75**

PROFESSIONAL TURNING CHISELS

These fine wood turning chisels rank among the finest made anywhere—regardless of price! Average over-all length, 16 3/4 inches. Forged tapered blades, heat treated to give a hard blade that will take and hold an edge—yet tough enough to resist shock. Blades are highly polished and beautifully finished. Maple handles with beautiful natural finish. Shipping weight, each, 1 lb. 2 oz.

- (A) 9 PT 2877—Gouge, 3/4-inch wide..... **\$1.65**
- (B) 9 PT 2878—Gouge, 1/2-inch wide..... **\$1.69**
- (C) 9 PT 2879—Gouge, 3/4-inch wide..... **1.79**
- (D) 9 PT 2890—Spear Point Chisel, 3/4-inch wide.. **1.10**
- (E) 9 PT 2891—Round Nose Chisel, 3/4-inch wide. **1.10**
- (F) 9 PT 2893—Parting Tool, 3/4-inch wide..... **1.39**
- (G) 9 PT 2894—Skew Chisel, 1/2-inch wide..... **1.10**
- (H) 9 PT 2895—Skew Chisel, 1-inch wide..... **1.35**

9 PT 2898—Set of 8 professional chisels listed above, in heavy box. Shipping weight, 11 lbs. **\$11.95**



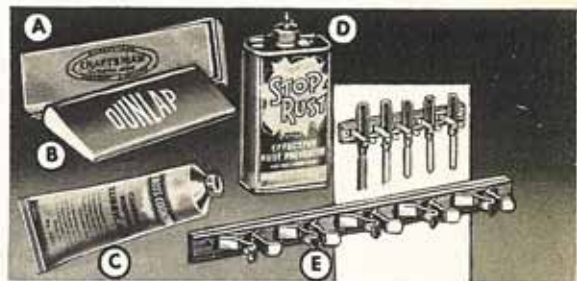
CRAFTSMAN Wood Carving Tools

Finely finished wood-carving tools. 2 3/4-inch blades forged from fine quality heat-treated steel; take and hold a razor-keen edge. These 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: 3/4-inch bent gouge, 3/4-inch bent chisel, 3/4-inch U tool, 3/4-inch straight chisel and a 3/4-inch veining tool. Shipping weight, 13 oz.

9 PT 2899—Set of 5..... **\$2.45**

9 PT 2464—Set of 3 tools including a 3/4-inch U tool, 3/4-inch skew bevel, and 3/4-inch bent chisel. Packed in a box. Shipping weight, 8 ounces. **\$1.75**



Tool-Room Necessities

(A) CRAFTSMAN Sharpening Stone. Vitrified silicon carbide. One side medium, other side fine.

9 PT 6440—7x2x1 inches. Shpg. wt., 1 lb. 8 oz. **\$1.29**

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

9 PT 6454—Shipping weight, 12 ounces. **49c**

(C) Ball Bearing Lubricant. For power tools.

28 PT 4432—4-oz. tube. Shpg. wt., 11 oz. **15c**

(D) DUNLAP Stop Rust. Protect your tools. 1/2-pt. can.

9 PT 2927—Not a lubricant. Shpg. wt., 8 oz. **29c**

(E) Handy Tool Clips. Steel, adjustable tension. 5 mounted clips, 1 3/4 in. wide. Clips project 1 1/4 in.

9 PT 2865—Shipping weight, 10 oz. **25c**

9 PT 2864—6 mounted clips, 1 3/4 in. wide. Junior size; clips project 1 1/4 in. Shpg. wt., 8 oz. **25c**



High Quality Lathe Centers and Arbors

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

(A) 9 PT 2107—Spur Center. Shpg. wt., 7 oz. **75c**

(B) 9 PT 2101—Cup Center. Shpg. wt., 7 oz. **75c**

(C) 9 PT 2111—60-Degree Center. Shpg. wt., 7 oz. **75c**

(D) 9 PT 2113—Precision Ball Bearing 60-Degree Center. Shipping weight, 8 ounces. **\$2.25**

(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. **95c**

(G) 9 PT 2125—Arbor and 1/2-inch Chuck. Shipping weight, 1 pound 8 ounces. **\$1.50**

(H) 9 PT 2115—Screw Center. Shpg. wt., 14 oz. **1.25**

(J) 9 PT 2161—Adapter Sleeve. To change from No. 2 to No. 1 Morse taper arbor. Shpg. wt., 5 oz. **75c**

No. 1 Morse taper. Tapered part of shank is 2 3/4 in. long unless otherwise stated. Check your spindle before ordering. Shpg. wt., ea., 8 oz.

(A) 9 PT 2106—Spur Center. **65c**

(B) 9 PT 2100—Cup Center. **65c**

(C) 9 PT 2110—60-Degree Center. **65c**

(D) 9 PT 2112—Precision 60-Degree Ball Bearing Center. **\$2.25**

(E) 9 PT 2123—Arbor for Jacobs' chuck. **65c**

(F) 9 PT 2165—Grinding Arbor. **85c**

(H) 9 PT 2116—Screw Center. Taper shank 2 3/4 in. long. **\$1.19**

(K) 9 PT 2132—1/2-inch Chuck. For 9 PT 2165 grinding arbor. **65c**

Jacobs' Chuck

For holding drill bits. Cannot be used on threaded spindles. Fits modified No. 2 Morse taper. Used with 99PTM2019 lathe on Page 17. With key, 8 1/2 in. plng weight, 2 pounds.

9 PT 2142—Capacity, 3/4-

to 1/2-inch. **\$6.00**

9 PT 2143—Capacity, 0

to 1/2-inch. **\$7.50**

DUNLAP V-BELT PULLEYS

REG. U. S. PAT. OFF.



A complete line of V-belt pulleys for almost every use. Scientifically designed, carefully and accurately made. Grooves are machined so as to be perfectly true. Bore reamed to exact size. Diameter given refers to outer edge of pulley, not groove. In case of question on diameter required refer to "Handy Table of Pulley Speeds" below at right. Measure your shaft and 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 $\frac{1}{2}$ -inch belts. Each pulley has two set screws for positive locking. 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	$3\frac{3}{8}$, $2\frac{1}{2}$, 2	1 lb.	65c
9 PT 2792	$\frac{1}{2}$ in.	3	$4\frac{1}{8}$, $3\frac{1}{8}$, $2\frac{3}{8}$, 2	1 lb. 10 oz.	85c
9 PT 2793	$\frac{1}{2}$ in.	4	5, 4, 3, 2	1 lb. 14 oz.	95c

Single Groove V Pulleys

Sturdy and smooth running. Strong flanges and hubs. Two heavy set screws in each pulley insure positive locking of pulley on shaft. Turned grooves and reamed bores. Grooves accommodate $\frac{3}{8}$ or $\frac{1}{2}$ -inch wide V belts, except 9PT2800 which is for use with $\frac{1}{2}$ -inch belt only. Attractively finished. Be sure to state size of bore wanted.

Catalog No.	Diameter	Bore, inches	Shpg. Wt.	Each
9 PT 2800	$1\frac{1}{2}$ in.	$\frac{1}{2}$	3 oz.	21c
9 PT 2801	2 in.	$\frac{1}{2}$	5 oz.	25c
9 PT 2802	$2\frac{1}{2}$ in.	$\frac{1}{2}$	6 oz.	29c
9 PT 2803	3 in.	$\frac{1}{2}$	7 oz.	35c
9 PT 2804	4 in.	$\frac{1}{2}$	10 oz.	45c
9 PT 2805	5 in.	$\frac{1}{2}$	15 oz.	59c
9 PT 2806	$6\frac{1}{2}$ in.	$\frac{1}{2}$	1 lb. 6 oz.	85c

New Type Hubless V Pulleys

Streamlined design! Eliminates hub—permits pulleys to be placed side by side for multiple drives. The two set screws are in center of pulley groove. Same fine quality as pulleys 9PT2800, etc. above. Grooves will accommodate $\frac{3}{8}$ or $\frac{1}{2}$ -inch wide "V" belts, except 9PT2901 which takes only $\frac{3}{8}$ -inch belts. Be sure to state bore wanted.

Catalog No.	Diameter	Bore, inches	Shpg. Wt.	Each
9 PT 2901	3 in.	$\frac{1}{2}$	6 oz.	25c
9 PT 2902	$2\frac{1}{2}$ in.	$\frac{1}{2}$	9 oz.	29c
9 PT 2903	3 in.	$\frac{1}{2}$	11 oz.	35c

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 $\frac{1}{2}$ -inch wide. Keyways provided in all pulleys with $\frac{1}{8}$ or $\frac{3}{16}$ -inch bore. All pulleys have 1 hollow head set screw and wrench. Be sure to state bore wanted.

Catalog No.	Diameter	Bore, inches	Shpg. Wt.	Each
9 PT 2880	$1\frac{1}{2}$ in.	$\frac{1}{2}$	5 oz.	35c
9 PT 2881	2 in.	$\frac{1}{2}$	6 oz.	39c
9 PT 2882	$2\frac{1}{2}$ in.	$\frac{1}{2}$	9 oz.	45c
9 PT 2883	3 in.	$\frac{1}{2}$	12 oz.	55c
9 PT 2884	4 in.	$\frac{1}{2}$	1 lb.	69c
9 PT 2885	5 in.	$\frac{1}{2}$	1 lb. 4 oz.	85c
9 PT 2886	$6\frac{1}{2}$ in.	$\frac{1}{2}$	1 lb. 10 oz.	98c
9 PT 2808	8 in.	$\frac{1}{2}$	2 lbs. 4 oz.	\$1.39
9 PT 2810	10 in.	$\frac{1}{2}$	3 lbs.	1.69
9 PT 2812	12 in.	$\frac{1}{2}$	3 lbs. 13 oz.	2.19
9 PT 2815	$15\frac{1}{2}$ in.	$\frac{1}{2}$	6 lbs. 5 oz.	3.39

2-Groove Steel V Pulleys

Two-groove drive efficiency at a moderate price. Built to withstand many years of hard service. Fitted with standard keyways and two hollow head set screws. Wrench supplied. For domestic applications. For V belts $\frac{1}{2}$ -inch or $\frac{5}{8}$ -inch wide. Be sure to state size of bore wanted.

Catalog No.	Diam.	Bore, inches	Shpg. Wt.	Each
9 PT 2840	3 in.	$\frac{3}{8}$, $\frac{1}{2}$, 1	1 lb. 13 oz.	\$2.49
9 PT 2841	4 in.	$\frac{3}{8}$, 1	3 lbs.	2.99
9 PT 2842	5 in.	$\frac{3}{8}$, 1, $1\frac{1}{16}$	3 lbs. 6 oz.	3.59
9 PT 2843	6 in.	$\frac{3}{8}$, 1, $1\frac{1}{16}$	4 lbs.	4.19
9 PT 2844	8 in.	1, $1\frac{1}{16}$	5 lbs. 4 oz.	5.19
9 PT 2845	10 in.	1, $1\frac{1}{16}$	7 lbs.	5.95
9 PT 2846	12 in.	1, $1\frac{1}{16}$	8 lbs. 10 oz.	6.95

Flat Belt Pulleys

Fitted with one slotted head hardened set screw. Accurate bores fit shaft perfectly. Properly crowned so that belts run true and last longer. Carefully balanced to run smoothly and accurately. $\frac{3}{8}$ -inch and larger are equipped with 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	39c
$2\frac{1}{2}$ x $2\frac{1}{2}$	$\frac{3}{8}$, $\frac{1}{2}$	1	3
3 x 3	$\frac{3}{8}$, $\frac{1}{2}$, 1	1	8
4 x $3\frac{1}{2}$	$\frac{3}{8}$, 1	2	31.19

Hard Fiber Flat Pulleys

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 $2\frac{1}{2}$	$\frac{3}{8}$, $\frac{1}{2}$	12	\$1.49
2 x 2	$\frac{3}{8}$, $\frac{1}{2}$	14	3
$2\frac{1}{2}$ x $2\frac{1}{2}$	$\frac{3}{8}$, $\frac{1}{2}$	1	3
3 x 3	$\frac{3}{8}$, $\frac{1}{2}$, 1	2	2.69
4 x $3\frac{1}{2}$	$\frac{3}{8}$, 1	4	3.69

Set Screws

A Hollow head type. Take place of ordinary set screws. Special alloy steel. State size. Shpg. wt., each, 2 oz.
 9PT2811— $\frac{1}{4}$ x $\frac{1}{4}$ in. or $\frac{3}{16}$ x $\frac{3}{16}$ in. 5c
 9PT2809— $\frac{1}{4}$ x $\frac{1}{2}$ in. or $\frac{3}{16}$ x $\frac{1}{2}$ in. 5c
B Wrenches for above. State size. Shpg. wt., each, 1 oz.
 9PT2813— $\frac{1}{4}$ or $\frac{3}{16}$ in. 9c
 9PT2814— $\frac{1}{2}$ in. 9c

DUNLAP V-BELTS

REG. U. S. PAT. OFF.



MEASURE YOUR BELT
 Measure Length Around OUTSIDE
 Edge of Pulleys (Not in Groove)
 to Get Length of Belt Wanted.

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

29c
 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	30 in.	$\frac{3}{8}$ in.	3 oz.	29c
9 PT 2751	24 in.	$\frac{3}{8}$ in.	3 oz.	35c
9 PT 2752	30 in.	$\frac{3}{8}$ in.	4 oz.	39c
9 PT 2753	36 in.	$\frac{3}{8}$ in.	4 oz.	49c
9 PT 2754	42 in.	$\frac{3}{8}$ in.	4 oz.	55c

$\frac{1}{2}$ -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.	4 oz.	45c
9 PT 2816	30 in.	$\frac{1}{2}$ in.	5 oz.	47c
9 PT 2759	32 in.	$\frac{1}{2}$ in.	5 oz.	49c
9 PT 2760	34 in.	$\frac{1}{2}$ in.	6 oz.	55c
9 PT 2761	36 in.	$\frac{1}{2}$ in.	6 oz.	57c
9 PT 2762	38 in.	$\frac{1}{2}$ in.	6 oz.	59c
9 PT 2817	40 in.	$\frac{1}{2}$ in.	7 oz.	65c
9 PT 2763	42 in.	$\frac{1}{2}$ in.	7 oz.	67c
9 PT 2757	45 in.	$\frac{1}{2}$ in.	7 oz.	69c
9 PT 2818	46 in.	$\frac{1}{2}$ in.	7 oz.	72c
9 PT 2764	48 in.	$\frac{1}{2}$ in.	7 oz.	75c
9 PT 2765	54 in.	$\frac{1}{2}$ in.	7 oz.	83c
9 PT 2766	58 in.	$\frac{1}{2}$ in.	8 oz.	89c
9 PT 2767	66 in.	$\frac{1}{2}$ in.	9 oz.	98c
9 PT 2771	84 in.	$\frac{1}{2}$ in.	10 oz.	\$1.15
9 PT 2772	100 in.	$\frac{1}{2}$ in.	12 oz.	1.39

$\frac{5}{8}$ -inch (B Section) V Belts

Heavy duty! 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 2960	45 in.	$\frac{5}{8}$ -in.	10 oz.	89c
9 PT 2961	49 in.	$\frac{5}{8}$ -in.	10 oz.	98c
9 PT 2962	54 in.	$\frac{5}{8}$ -in.	11 oz.	\$1.09
9 PT 2963	58 in.	$\frac{5}{8}$ -in.	12 oz.	1.15
9 PT 2964	63 in.	$\frac{5}{8}$ -in.	12 oz.	1.19
9 PT 2965	71 in.	$\frac{5}{8}$ -in.	14 oz.	1.29
9 PT 2966	78 in.	$\frac{5}{8}$ -in.	15 oz.	1.39
9 PT 2967	84 in.	$\frac{5}{8}$ -in.	1 lb.	1.49
9 PT 2968	88 in.	$\frac{5}{8}$ -in.	1 lb. 2 oz.	1.65
9 PT 2969	93 in.	$\frac{5}{8}$ -in.	1 lb. 3 oz.	1.75
9 PT 2970	100 in.	$\frac{5}{8}$ -in.	1 lb. 4 oz.	1.85
9 PT 2971	108 in.	$\frac{5}{8}$ -in.	1 lb. 6 oz.	1.98
9 PT 2972	115 in.	$\frac{5}{8}$ -in.	1 lb. 8 oz.	2.29
9 PT 2973	123 in.	$\frac{5}{8}$ -in.	1 lb. 9 oz.	2.39
9 PT 2974	131 in.	$\frac{5}{8}$ -in.	1 lb. 10 oz.	2.50
9 PT 2975	147 in.	$\frac{5}{8}$ -in.	1 lb. 12 oz.	2.89

Leather "V" Belting

Just the thing for those places where you need a belt of odd length. Also handy for rapid replacement in place of removing ball bearings to replace a belt. Cut to any length you want. Made of tough oak leather—two plies cemented together and strongly sewed down the center. Heavy wire coupling with every length. State width and length.
 9 PT 2777—Shipping weight, foot, 3 ounces.
 $\frac{3}{8}$ -in. width. Per ft. 12c; $\frac{1}{2}$ -in. width. Per ft. 16c

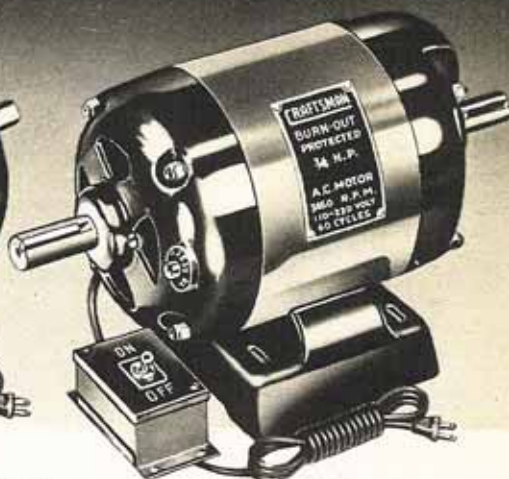
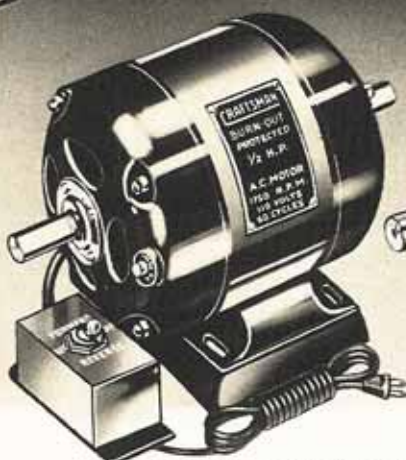
HANDY TABLE OF PULLEY SPEEDS

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	1200	1030	860	645	520	400
1 in.	2300	1725	1350	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.	4600	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-inch column to the speed of 3450, then to the left in column headed "Diameter of Motor or Driving Pulley." The answer is a 4-inch diameter pulley required.

CRAFTSMAN CONDENSER MOTORS



CRAFTSMAN CONDENSER MOTORS

\$14.95
1/2-H.P.

- Overload protector prevents burn-out.
- Built-in condenser reduces starting current.
- Grease-sealed precision ball bearings.
- Super cooling construction—motor runs cooler, saves power, lasts longer.

Big... heavy... powerful... built for year after year of service! Condenser motors are rapidly replacing split phase motors because they start loads about 50% heavier, use about one-half the starting current, and run more efficiently. Start easily; come up to speed rapidly. Great overload capacity. Efficient design eliminates excess weight. Massive base for rigid mounting. Ball bearing construction; use motor in any position. Built-in on-off switch. 1/2-in. double drive shaft extends 1 3/4 in. on both ends. Large ventilating openings protected by splash plates.

Handles heavy-running loads if starting load is not too great—not recommended for replacement service on pumps, compressors, and other hard starting jobs. For such jobs a repulsion-induction motor is generally preferable. 99PT01955 and 99PT01956 may be easily reversed by changing leads; 99PT05587 has convenient built-in reversing switch. For 110-120 volt 60-cycle A.C. With 8-ft. rubber cord, unbreakable plug. Base mounting, 3 5/8 x 5 inches.

99 PT 01955—1/2-H.P. 1750 R.P.M. Shipping wt., 32 lbs. \$14.95
99 PT 01956—1/2-H.P. 1750 R.P.M. Shipping wt., 35 lbs. 17.95
99 PT 05587—1/2-H.P. 3450 R.P.M. For high speed power tools, such as jointers, shapers, etc. Shipping wt., 36 lbs. \$19.95

CRAFTSMAN CONDENSER

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

\$19.95
#PT05584

The same fine motor as described at left, equipped with heavy duty remote control stop-start-reverse switch, mounted in a box and connected to motor by a 30-inch heavy rubber-covered cord. You can 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! For 110-120 volt 60-cycle A.C. 1750 R.P.M. Complete with 7 1/2-foot cord with unbreakable plug on motor, and 2 1/2-foot cord on switch. Shipping weight, 36 pounds.

99 PT 05584..... \$19.95

HIGH SPEED MOTOR. Same as motor above, but 3450 R.P.M. Ideal for high speed power tools, such as jointers, shapers, bench saws, etc. Complete with remote control switch and cord. Shipping weight, 37 pounds.

99 PT 01959..... \$21.45

CRAFTSMAN CONDENSER

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

\$29.95

All the fine features described under condenser motor at far left of this page—precision ball bearings, burnout protector, etc.—but it is 3/4-H.P., with a speed of 3450 R.P.M.; has a remote control switch; and a 1/2-in. double shaft with keyways. Designed for heavy duty, high speed power tools such as larger circular saws, jointers, etc.

Motor is controlled by a heavy start-stop switch mounted in a metal box and connected to the motor with 45 inches of heavy rubber-covered cord. Far more convenient and safer than an ordinary motor switch. Built-in condenser reduces starting current—makes motor start more easily. 7 1/2-foot heavy rubber covered cord and unbreakable plug. Base mounting, 3 3/4 x 5 inches. For 110-220 volt 60-cycle A.C. Shipping weight, 48 pounds.

99 PT 01970..... \$29.95

ALL MOTORS AVAILABLE ON PRIORITY ORDERS ONLY. SEE PAGE 32.

Buy the Right Motor for Your Needs

Every FULTON, DUNLAP and CRAFTSMAN motor (Pages 20 and 21) is guaranteed against defects in material and workmanship. However, even these fine motors will fail if not used properly! Be sure you use the right motor on your job. Read the following carefully before buying a motor.

FULTON and DUNLAP Split Phase Motors. For easy-starting loads in which the maximum load is not applied until motor is up to full speed, or when frequent starting and stopping is not necessary. Generally used on washing machines, small lathes, lighter power tools such as jig saws, etc.

CRAFTSMAN Condenser Motors. Used where starting load is moderate as on larger wood-working tools, refrigerators, ventilating fans, etc. Condenser motors are rapidly replacing split phase motors because they will start loads about 50% heavier, use about half the starting current, are more efficient, cost less to run, and reduce flicker of lights when motor is started.

The Size Motor to Buy

Use a motor which is big enough. A motor slightly too large will last years longer than one slightly too small. Every motor is designed for a particular voltage and frequency (cycles)—for instance 110-120 volts, 60 cycle A.C. A motor should not be operated with more than 10% variation from its rating. Every motor is designed for a particular speed and power. A motor will stand overloads for short periods, but continual overloading will cause burnouts. To determine the horsepower and speed of the motor you need, do one of the following things. Check the name plate on the motor to be replaced on your machine. Or check the name plate on the machine itself. Or contact the manufacturer of the machine for the kind and size of the motor which should be used.

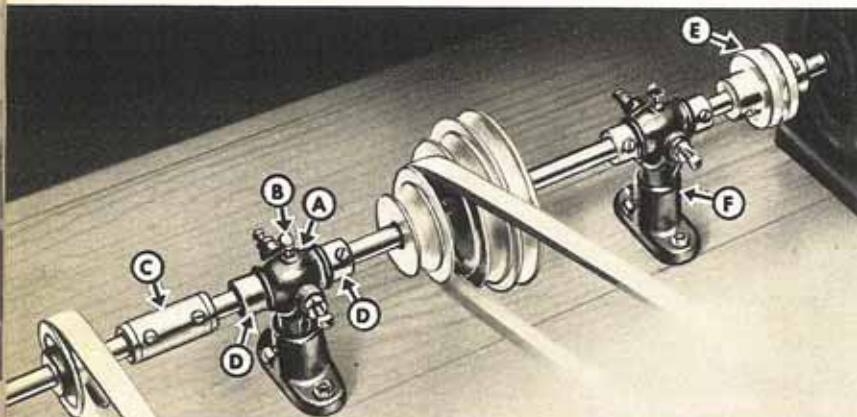
Don't buy a motor too big for your power line. Most 110-120-volt, 60-cycle lines will carry up through 1 1/2-H.P. motors; most 220-volt 60-cycle single phase lines, up through 5-H.P. motors. Check your power company before buying a motor close to these limits.

Bearings

All bronze bearing motors **must** be mounted with the shaft in a horizontal position. Ball bearing motors can be mounted in any position. Unless bearings are sealed they should be lubricated regularly. All Sears motors less than 1-H.P. are lubricated, ready to use. Larger motors must be lubricated before using.

Check Your Wiring

Use the proper size of wire. You can lose 1/4 the power of your motor through losses in lightweight wiring. Under-size wiring may cause motor burnouts. **Never use light extension cord.** 12-gauge wiring is the smallest that should be used on motors up to 3/4-horse power where the distance between the meter or feeder line is 100 feet or less. Heavier wiring is necessary if other loads such as lamps, fans, soldering irons, etc. are used on the same line or if the distance to the meter is more than 100 feet. Motors larger than 3/4-horse power, particularly single phase, also require heavier wiring. Check with your power company.



LINE SHAFT ACCESSORIES

Highest quality, accurately machined and finely finished. We recommend a 1/2-H.P. motor or larger to drive a lineshaft—the exact H.P. required will depend on the

number and type of tools used, the length of the shaft, etc. When line shaft is set up oil freely and be sure it is perfectly in line and turns easily before turning on motor.

Catalog Number	Description	Shipping Weight	Each
(A) 9 PT 2822	1/2-inch Bronze Bushed Bearing.....	4 oz.	\$0.39
(B) 9 PT 2820	Wick Oil Cups.....	1 oz.	.05
(C) 9 PT 2839	1/2-inch Rigid Coupling.....	3 oz.	.25
(D) 9 PT 2824	1/2-inch Line Shaft Collar.....	2 oz.	.15
(D) 9 PT 2825	3/4-inch Line Shaft Collar.....	3 oz.	.15
(E) 9 PT 2840	Flexible Coupling (Specify 1/2, 3/4 or 1 in.).....	12 oz.	.39
(E) 9 PT 2828	1/2-inch Bronze Bushed Shaft Hanger.....	1 lb. 8 oz.	.95
(F) 9 PT 2829	3/4-inch Bronze Bushed Shaft Hanger.....	1 lb. 12 oz.	1.35
9 PT 2830	1/2-inch Needle Bearing Hanger.....	1 lb.	1.75

Floating Motor Rails (at left)

Use one motor for several tools! Fasten set of clips near each tool, and shift motor with rail from one tool to another.

9 PT 2275—Floating motor rail and one pair clips. Shpg. wt., 1 lb. 13 oz. 55c
9 PT 2277—Pair rail clips only. Shipping weight, 7 oz. 25c

Motor Base Adapter (at right)

Heavy steel plate with series of slots. For 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.

9 PT 5593—Shpg. wt., 1 lb. 8 oz. 49c



SPLIT PHASE MOTORS



1/4-H. P. Split Phase

FULTON. Moderately priced, serviceable motor built for general use on easy starting loads, such as light power tools, washing machines, etc. Not intended for hard-starting loads. Easily reversed. Heavy bronze bearings. 1/2-inch shaft extends 1 3/4 inches. 1750 R.P.M. For 110-120 volt, 60-cycle A.C. Mounting dimensions, 3 3/4 x 5 inches. With 8-foot cord, and plug. Shipping weight, 24 pounds.

\$6⁹⁵

99 PT 05601.....\$6.95

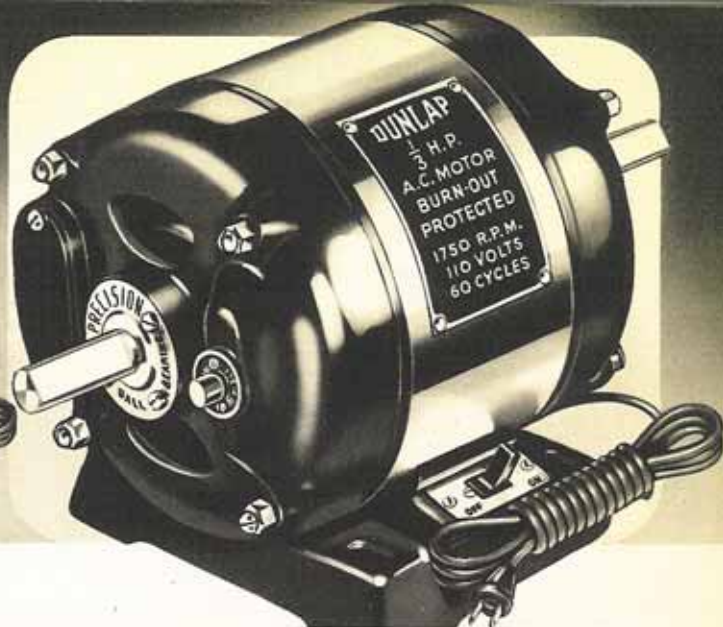


1/4-H. P. Split Phase

DUNLAP. No finer 1/4-H.P. split phase motor made. Heavy duty. Built-in overload protector prevents burn-out. Equipped with diamond bored bronze bearings. Sealed oil chambers; motor never needs oiling. Easily reversed. 1/2-in. shaft. 1750 R.P.M. Mounting dimensions, 3 3/4 x 5 in. For 110-120-volt 60-cycle A.C. Built-in on-off switch. With 8-ft. cord, and plug. Shipping weight, 27 pounds.

\$8⁷⁵

99 PT 05618.....\$8.75



DUNLAP 1/3-H. P. Split Phase Motor

Packed with power. No finer 1/3-H.P. split phase motor built! Heavy duty! Handles more than 2 1/2 times rated horse power before stalling! **Overload protector prevents burn-outs.** Grease sealed ball bearings; use in any position. Easily reversed. On-off switch. 1/2-in. double drive shaft. See Page 20 for recommended applications. For 110-120 volt 60 cycle A. C. 1750 R.P.M. Base mounting, 3 3/4 x 5 in. 8-ft. cord, and plug.

\$11⁹⁵

99 PT 05620—Shipping weight, 30 pounds.....\$11.95
99 PT 05583—DUNLAP 1/3-H.P. Motor. Similar to above only with diamond bored bronze bearings. Without overload protector. Use horizontally only. Shipping weight, 29 pounds.....\$9.95



DUNLAP 1/4-H. P. Grinder

Easy and smooth running. It's 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. Adjustable shatterproof glass shields protect operator's eyes. Removable, adjustable tool rests. Built-in switch. Special rubber mountings assure freedom from vibration. Motor turns 3450 R.P.M. full load; 3600 R.P.M. no load. 5/8-in. shaft turned down to 1/2 in. at wheels. 11-in. clearance between wheels. Overall width, 15 1/2 in. For 110-120 volt 60 cycle A.C. 6-foot cord, and plug. For goggles see page 27.

\$17⁹⁵

99 PT 02616—Shipping weight, 41 pounds.....\$17.95

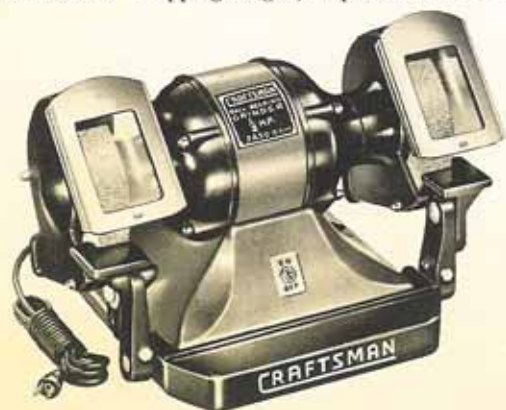


CRAFTSMAN 1/3-H. P. Production Grinder

Powerful and rugged. Built for service! Greater clearance (13 in.) between wheels. Wheel diameter is greater than that of motor so that work can be ground across face of machine. Easy starting condenser-start induction-run 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 and one fine. Enclosed wheel guards with rear dust chutes. Adjustable shatterproof glass shields protect operator's eyes. Adjustable tool rests. Built-in switch. 3450 R.P.M. at full load. No load speed, 3600 R.P.M. 1 1/8-in. shaft turned down to 1/2 in. at wheels. Overall width, 17 1/2 in. For 110-120 volt, 60 cycle A.C. 6-ft. cord, and plug. For safety use goggles (page 27).

\$26⁹⁵

99 PTM 2617—Shipping weight, 75 pounds.....\$26.95



CRAFTSMAN 1/2-H. P. Industrial Grinder

\$35⁹⁵

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

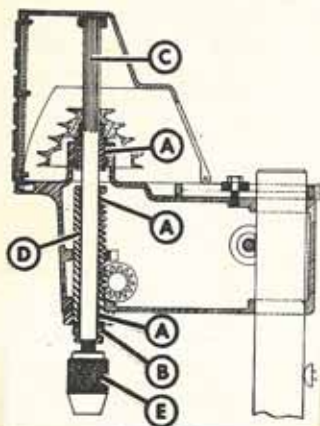
Industrial type. Fast starting, smooth running condenser-start induction-run motor. Precision ball bearings sealed in grease—protected against dust and dirt. Two fine quality 7x1-in. vitrified grinding wheels, 1 fine and 1 coarse. Enclosed wheel guards with rear dust chutes for greater safety. 1 1/8-in. 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 alignment. Built-in switch. 14 3/4-in. clearance between wheels. For 110-120 volt, 60 cycle A.C. 6-ft. cord, and plug. For safety use goggles; see page 27.

99 PTM 2609—Shipping weight, 97 pounds.....\$35.95

ALL MOTORS AND GRINDERS AVAILABLE ON PRIORITY ORDERS ONLY. SEE PAGE 32

DUNLAP
REG. U. S. PAT. OFF.

BRONZE BEARING DRILL PRESS



In this cut-away view of the head of the DUNLAP Drill Press notice these quality features:

(A) Three extra-large, long-life bronze spindle bearings.

(B) Ball thrust bearing to take spindle thrust.

(C) 6-splined drive spindle instead of ordinary keyway drive, for smoother operation.

(D) Ground steel quill.

(E) 1/2-inch capacity 3-jaw, self-centering chuck.



Modern . . . Streamlined

\$19⁹⁵
Less Motor

- Drills to the center of a 12 1/4-in. circle.
- Extra-large, long-life bronze spindle bearings.
- Ball thrust bearing absorbs the spindle thrust to assure smooth operation.
- Has 1/2-inch capacity 3-jaw self-centering chuck.

Experience gained in selling tens of thousands of drill presses enabled us to build into this drill our time-proven quality features. PLUS refinements possessed by no other drill press! Modern streamlined design . . . hinged belt guard easily thrown back to change speeds . . . larger column . . . hinged motor mounting designed for quick change of belts . . . circular drum type depth gauge always shows depth of holes being drilled.

Has the rugged qualities and the smooth, easy operation you'll find only in higher priced drill presses. Ideal for drilling operations in the small shop; also capable of handling occasional carving, routing and shaping jobs, with the proper attachments. Range of nine speeds (from 750 to 4,000 R.P.M.) allows efficient work to be done on either metal or wood. Ground table has diagonal slots to simplify adjusting attachments. Base serves as auxiliary table. Spindle has stop collar for drilling a series of holes to the same depth. Complete with V-belt, 4-step motor pulley, motor bracket, and 1/2-inch capacity 3-jaw chuck. Shipping weight, 65 pounds.

99 PTM 2376—Less motor 19.95

SPECIFICATIONS

For 99 PTM 2376 at left.

Over-all Height	30 in.
Over-all Width	9 in.
Over-all Depth (With Motor)	24 in.
Chuck (Threaded)	1/2 in.
Spindle (Threaded)	6 Splined
Spindle Travel	3 in.
Bearings	3 Oilless Bronze; 1 Ball Thrust
Drills to Center of Table to Chuck (Max.)	12 1/4-in. Circle
Chuck to Base (Max.)	9 in.
Column Diameter	1 1/8 in.
Table Travel	9 in.
Table Size	7 1/2 x 7 1/2 in.
Base Size	7 1/2 x 7 1/2 in.
Motor Recommended	1/2-H.P. 1750 R.P.M.
Speeds (With 1750 R.P.M. Motor)	9: 750 to 4,000 R.P.M.
Machine and Motor Pulleys Supplied	4-step, 4-inch
Mounting Dimensions	13 1/2 x 8 1/2 in.

DUNLAP 3/8-INCH DRILL PRESS →

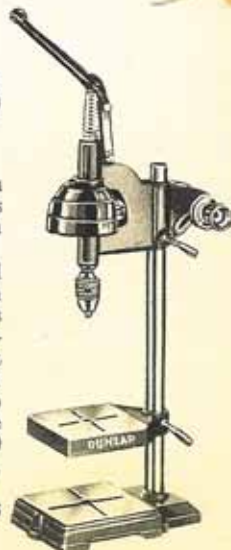
- Drills to the center of an 8-inch circle.
- High grade auto-lubricating bronze bearings.
- Ball thrust bearing absorbs spindle thrust.
- Sensitive hand lever feed—spring loaded.
- Equipped with quick-adjusting idler pulleys.

\$8⁹⁵

We've made careful comparisons—and 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.

The DUNLAP 3/8-Inch Drill Press easily handles both metal and wood. 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 1/2-inch spindle travel. Complete with adjustable idler drive and spring loaded feed lever. Over-all height, 20 inches; width, 6 3/4 inches; depth, 13 1/4 inches. Shipping weight, 20 pounds.

99 PT 02363 \$8.95



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.

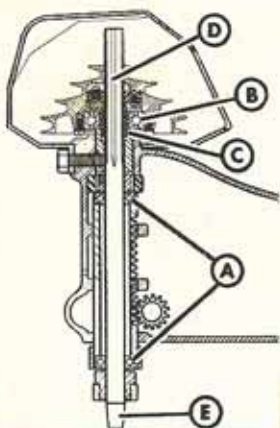
Diameter, inch	1/16	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4
Shipping weight	1.0c	1.1c	1.2c	1.3c	1.4c	1.5c	1.6c	1.7c	1.8c
9 PT 6698—Carbon Steel	19c	20c	21c	22c	23c	24c	25c	26c	27c
9 PT 6699—High Speed Steel	19c	20c	21c	22c	23c	24c	25c	26c	27c
Diameter, inch	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1	1 1/4
Shipping weight	1.4c	1.6c	1.8c	2.0c	2.2c	2.4c	2.6c	2.8c	3.0c
9 PT 6698—Carbon Steel	14c	16c	18c	20c	22c	24c	26c	28c	30c
9 PT 6699—High Speed Steel	29c	35c	43c	51c	60c	70c	80c	90c	100c

Twist Drill Sets. Handy container included. Sets include 3/16, 1/4, 5/16, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4 inch sizes. Shop. wt., 6 oz.
9 PT 6685—Set of 7 CRAFTSMAN carbon steel drills 79c
9 PT 6686—Set of 7 CRAFTSMAN high speed steel drills \$1.79

22 . . SEARS, ROEBUCK AND CO.

CRAFTSMAN

BALL BEARING DRILL PRESS



Sears exclusive floating drive spindle assembly assures exceptionally smooth operation—even at high speeds.

Spindle floats free entirely independent of the pulley, on precision ball bearings (A) within the quill.

The pulley is mounted on a long steel sleeve (C) which, in turn, is mounted on an over-size precision ball bearing (B) in the head.

Notice the automotive-type 6-splined spindle (D) and the tapered chuck mount (E).

This floating drive construction absorbs belt pull... eliminates "whip"... assures exceptionally smooth, efficient performance even at high speeds.

Actually Five Machines in One!

- Three sets of precision ball bearings.
- 5/8-inch six-splined spindle carries 5/64 to 1/2-inch capacity Jacobs' chuck.
- Drills to center of 12 3/4-inch circle.
- Range of 9 speeds—600 to 5200 R.P.M.

\$38⁹⁵
Less Motor

This drill press incorporates all the basic features of fine drill press design, including—precision machining throughout... ball bearing construction... and a genuine Jacobs' chuck! And even more, it has the famous CRAFTSMAN "floating drive" spindle assembly to assure exceptionally smooth, accurate, efficient operation—even when used at high speeds.

Actually five machines in one! With the proper attachments 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. Simple to do. Enables the amateur to perform all these operations and to turn out work with the ease and touch of the professional.

The CRAFTSMAN drill press 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 clamps head securely at any desired height on the heavy column. Improved table with diagonal slots can be tilted to any angle. Heavy base is machined to serve as an auxiliary table; is slotted for attachments. Adjustable stop gauge indicates depth of holes being drilled and has stop for repetitive drilling. Complete with 5/64 to 1/2 inch capacity Jacobs' chuck (with key), V-belt, motor bracket, and motor pulley. Shipping weight, 85 lbs.

99 PTM 2380—Less motor.....\$38.95

All Items on This Page Available on Priority Orders Only. See Page 32



Drill Press Collar

For 99 PTM 2380 drill or any drill with 2 1/4-inch outside diameter column. Locks under head and supports the head in position when clamp is released. This makes it easy to swing head around for working at different points over the table. Makes your drill press much easier to handle. Shipping weight, 2 pounds 8 ounces.

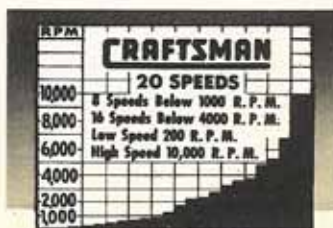
9 PT 2427.....\$1.10



Multi-Speed Attachment

Provides a wide speed range for best results on all kinds of drilling, routing, etc. May be used on 99PTM2380 above, and some other drill presses with columns with inside diameter of 2 inches (plus or minus .005 inch). Use 1/2-H.P. motor 1750 R.P.M. for high speed operation. 1/2-H.P. is adequate for regular and low speeds. With two V-belts. U.S. Pat. No. 2073704. Shpg. wt., 5 lbs.

9 PT 2397.....\$7.25



Notice the Speed Range!

The Drill Press above fitted with our patented multi-speed attachment at left will provide 20 different speeds ranging from 200 R.P.M. (half the speed of ordinary slow speed drill presses) to over 10,000 R.P.M. Slows down the drill for proper drilling in metal—and increases the R.P.M. for more efficient routing, etc. See the chart above for a graphic illustration of this wide range of speeds.



All Items on This Page
Available on Priority
Orders Only. See Page 32



SPECIFICATIONS

Over-all Height	35 3/4 in.
Over-all Width	11 1/4 in.
Over-all Depth (With Motor)	24 in.
Jacobs' Chuck	5/64 to 1/2 in.
Spindle (Tapered)	6-spline
Bearings	3 ball
Drills to Center of Spindle Travel	12 3/4 in. circle
Table to Chuck (Max.)	3 in.
Base to Chuck (Max.)	9 3/8 in.
Column Diameter	13 3/8 in.
Table Travel	2 1/4 in.
Table Size	9 5/8 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.
Motor Recommended	1/2 or 1/2-H.P., 1750 R.P.M.
Machine and Motor Pulleys Supplied	4-step, 5-in.
Mounting Dimensions	9 5/8 x 14 1/4 in.

CRAFTSMAN DRILL PRESS

HEAVY DUTY TYPE



STREAMLINED DESIGN

\$42⁹⁵

Without Motor

- "Floating Drive" spindle assembly insures smoothest possible performance.
- Equipped with four sets of precision ball bearings.
- Modern design . . . hinged motor mounting . . . hinged belt and pulley guard completely covers pulleys and belt for safety.
- Tapered type spindle has 6-splined drive.
- Equipped with 0-inch to 1/2-inch Jacobs' chuck.
- Drills to the center of a 13 1/4-inch circle.

Has features you'll find in no other drill press made! Modern streamlined design . . . Hinged belt guard supplied as standard equipment—completely covers pulleys and belt . . . Large column . . . Hinged motor mounting . . . Column type table support.

Heavy duty construction! Has the strength and rigidity to handle the heavy feeds—PLUS the accuracy and precision necessary for delicate high speed work! Will do shaping, mortising, routing, sanding and dovetailing with proper attachments. Handles either metal or wood.

Sears time-tested "Floating-Drive" spindle assembly absorbs belt pull and eliminates "whip" . . . assures smooth operation even at high speeds. Spindle floats in pulley so that only the turning force is transmitted from pulley to spindle. Pulley is carried on two sets of precision ball bearings and spindle is carried on two entirely separate sets.

The hinged motor base makes it very easy to change belts for different speeds. By throwing the lever lock the base is released. Pushing out on the lower end of the motor brings the pulley in, thus releasing belt tension.

Ground gray iron table is ribbed for extra strength and is carried on the new column type support shown and fully described at left. Has a new tool ledge to hold drill bits, etc. Holder is provided for chuck key. Heavy base is machined to serve as an auxiliary table. Stop gauge indicates the depth of holes being drilled, and has a stop for repetitive drilling. Spring-loaded feed is adjustable for tension. For complete specifications, see table on opposite page. With 3/4 to 1/2-in. capacity Jacobs' chuck (with key), V belt, and motor pulley. Shipping weight, 98 lbs.

99 PTM 2382—Less motor \$42.95



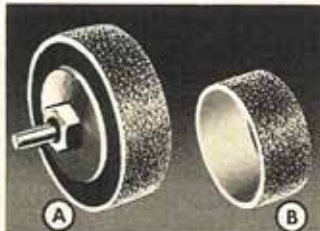
Exclusive column-type table support assures great strength and rigidity to keep table in accurate alignment even under very heavy drilling loads. Table tilts any angle to 90 degrees both ways. Graduated scale shows angle of tilt. Has a locating pin for use in resetting table at normal level position.



DUNLAP Drill Vise

Insure accuracy with this vise by holding the work firmly in position while it is being drilled or worked on. Increases the range of work your drill will handle. Makes working with small pieces much more convenient. Strongly built; smooth working. Oxidized, non-rusting finish. Accurately cut screw with knurled end for fast action and bar for locking. 2 3/4-inch jaws open 3 inches. Over-all length, 12 inches. Lugs are provided for bolting to table. Complete with 2 extra jaws, one for round or irregular work and swivel jaw for tapered pieces. Shipping weight, 4 pounds.

9 PT 2436 \$2.75



Sanding Drums

(A) Has 3/8-inch shaft. Use in collet chuck. 1 inch wide. **State diameter.**
 9 PT 2439—Shipping wt., 4 oz.
 1 1/2-inch diameter 65c
 2 1/4-inch diameter 95c
 3-inch diameter \$1.10

(B) Replacement Sanding Sleeves. For sanding drums above. Fine or coarse grit. Package of six. **State grit and diameter wanted.**
 9 PT 2442—Shipping wt., 3 oz.
 1 1/2-inch diameter. Six for 39c
 2 1/4-inch diameter. Six for 39c
 3-inch diameter. Six for 49c



Tapered Adapter

Handy—enables you to fit a male taper shank drill to a male 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. Accurately machined and finished. **Available only on Priority.** See Page 32. Shpg. wt., 8 oz.
 9 PT 2445 98c



Drill Press Collar

Locks on column under head. Supports head when clamp is released. Makes it easy to swing head. **Available only on Priority.** See Page 32.
 9 PT 2429—For drills on the opposite page and other drills with 2 3/4-inch outside diameter column. Shipping wt., 4 pounds 8 ounces \$1.10
 9 PT 2421—Not shown. For drill on this page and other drills with 2 1/2-inch outside diameter column. Shipping weight, 3 lbs \$1.10



Drill Press Book

Over 100 drill press operations described and illustrated! Do much better drill press work, and put your drill press to many more uses. Describes use of accessories available and suggests many helpful home made aids to better work. Has 32 pages. Shipping weight, 2 ounces.
 9 PT 2921 19c

CRAFTSMAN DRILL PRESS

INDUSTRIAL TYPE

OUR FINEST DRILL PRESSES!

- Sears exclusive "Floating Drive" spindle assembly.
- 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.

\$46⁹⁵

99 PTM 2407
Without Motor

Our finest drill presses—masterpieces of precision construction and smooth, vibrationless performance! Hundreds are in use in great industrial plants and important defense industries!

Both models have the sensational "Floating Drive" spindle assembly to assure exceptionally smooth and accurate operation at all speeds. Drive pulley is mounted on heavy tubular steel sleeve supported on two sets of heavy duty deep-row precision ball bearings in the drill head—entirely independent from the spindle. Absorbs all side pull from the belt and transmits only a turning force to the spindle. Spindle itself is mounted on two sets of heavy duty deep row precision ball bearings within the quill.

Depth gauge graduated in 1/16-in. divisions. Table may be tilted. Spring tension on chuck return has ratchet adjustment. Tempered steel spring is almost twice as large as those usually used! For wood or metal; also for shaping, mortising, routing, sanding, dovetailing with proper attachments. Available on Priority Orders only. See Page 32.

CRAFTSMAN Heavy Duty Bench Model Drill Press

99 PTM 2407—With motor pulley, belt and Jacobs' chuck (0 to 1/2-inch). Less motor. Shipping weight, 115 pounds. **\$46.95**

CRAFTSMAN Heavy Duty Floor Type Drill Presses

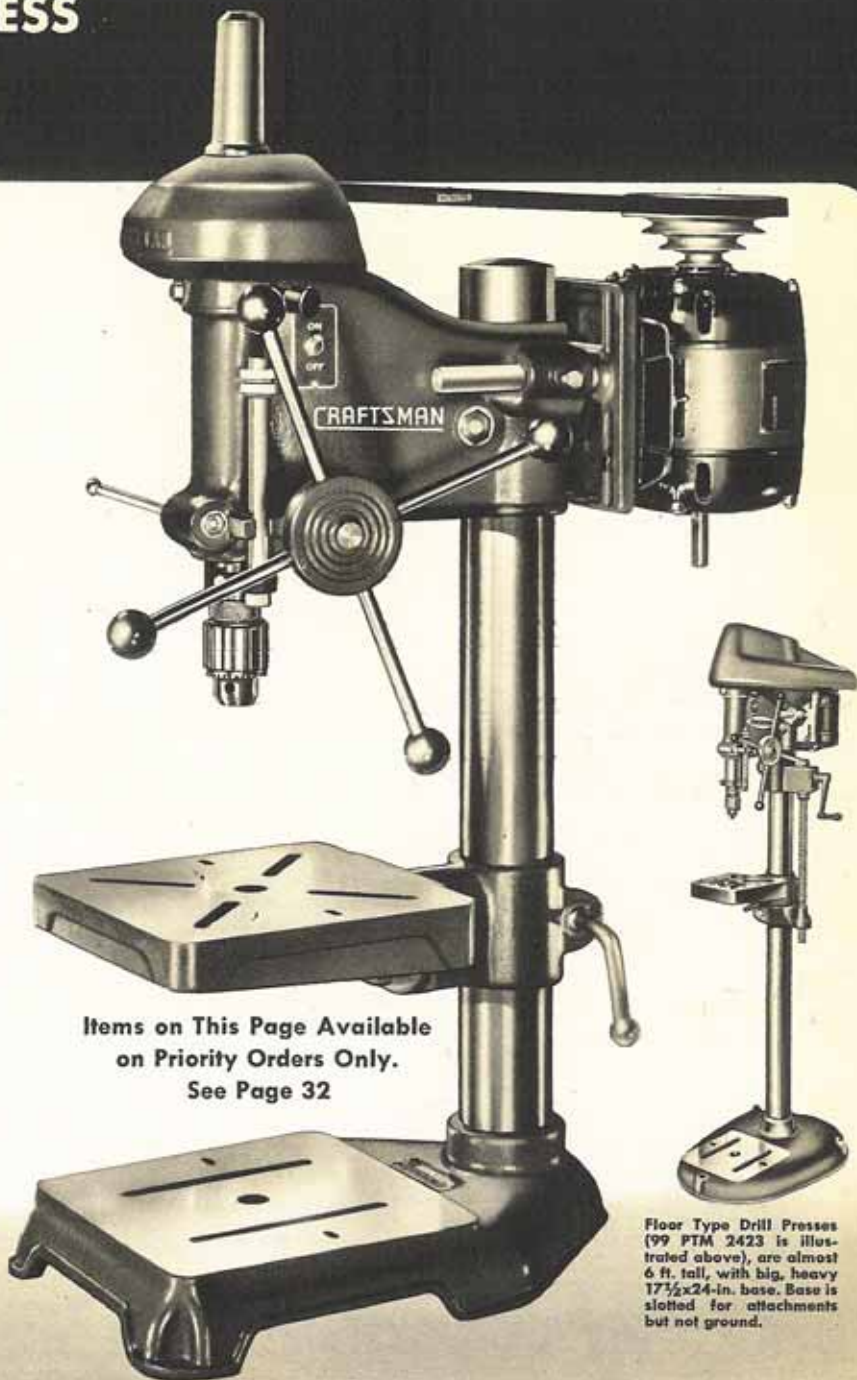
99 PTM 2392—With motor pulley, belt and standard pulley guard. Less motor and head lift. Shipping weight, 150 pounds. **\$49.95**

99 PTM 2423—Same as 99 PTM 2392, but with head lift and hinged belt and pulley guard (illustrated in small insert). Without motor. Shpg. wt., 185 lbs. **\$72.50**

Combination Head and Table Lift. For easy raising and lowering head or table of above floor model drill presses. Has crank, bevel gears, raising screw and ball thrust bearing.

99 PT 02419—Shpg. wt., 18 lbs. **\$11.45**

All Items on This Page Available on Priority Orders Only. See Page 32.



Items on This Page Available on Priority Orders Only. See Page 32

Floor Type Drill Presses (99 PTM 2423 is illustrated above), are almost 6 ft. tall, with big, heavy 17 1/2 x 24-in. base. Base is slotted for attachments but not ground.

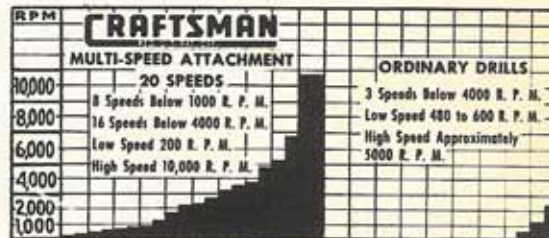
SPECIFICATIONS

	99PTM2382	99PTM2407	99PTM2392
Over-all Height	36 in.	39 1/2 in.	71 in.
Over-all Width	12 in.	12 1/2 in.	17 1/2 in.
Over-all Depth (With motor)	24 in.	26 in.	26 in.
Jacobs' Chuck	5/8 to 1/2 in.	0 to 1/2 in.	0 to 1/2 in.
Spindle (Tapered)	6-spline	6-spline	6-spline
Bearings	4; ball	4; ball	4; ball
Drills to Center of	13 1/4 in. circle	15-in. circle	15-in. circle
Spindle Travel	3 in.	4 in.	4 in.
Table to Chuck	11 1/4 in. (max.)	11 in. (max.)	41 in. (max.)
Base to Chuck	14 1/4 in. (max.)	16 in. (max.)	47 in. (max.)
Column Diameter (Outside)	2 1/2 in.	2 1/2 in.	2 1/2 in.
Table Travel	11 1/4 in.	11 in.	41 in.
Table Size	9x9 1/2 in.	10 x 10 in.	10 x 10 in.
Base Size	9x11 in.	10 x 10 in.	17 1/2 x 24 in.
Depth Gauge Graduated	0 to 4 in. in 1/16-in. divisions	0 to 4 in. in 1/16-in. divisions	0 to 4 in. in 1/16-in. divisions
Speeds	9: 600 to 5200 R.P.M.	9: 600 to 5200 R.P.M.	9: 600 to 5200 R.P.M.
Motor Recommended	1/2 or 1/2-H.P. 1750 R.P.M.	1/2 or 1/2-H.P. 1750 R.P.M.	1/2 or 1/2-H.P. 1750 R.P.M.
Pulleys Supplied	4-step; 5 in.	4-step; 5 in.	4-step, 5 in.
Mounting Dimensions	10 1/2 x 14 in.	10 1/2 x 17 in.	10 1/2 x 17 in.



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 (Pages 20-21). Fits drills on this page and some other drills with inside column diameter of 2 1/2-in. plus or minus .005. Shpg. wt., 5 lbs. **\$7.25**
9 PT 2394



Proper Drill Speed for Every Job

The many uses of CRAFTSMAN drill presses 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 left) will convert a 9-speed CRAFTSMAN drill press into a 20-speed drill. Of these 20 speeds, eight are from 200 up to 1000 R.P.M., a complete range for the low speeds required for metal drilling even with 1/2-inch drills. The other speeds are from 1000 to 10,000 R.P.M.—offering the correct and most efficient speed for wood drilling, shaping, routing, carving, etc. Thus, with a speed range starting at half the R.P.M. of the ordinary slow speed drill up to 10,000 R.P.M. your drill can handle almost any job at the proper speed for the cutter being used.



CRAFTSMAN MULTIPLE DRILL PRESSES

SPECIFICATIONS

	99PTM2412F	99PTM2413F	99PTM2414F
Number of Spindles	2	3	4
Over-all Height	78½ in.	78½ in.	78½ in.
Over-all Width	30 in.	53 in.	53 in.
Over-all Depth (with motor)	31¼ in.	31¼ in.	31¼ in.
Table Height	31 in.	31 in.	31 in.
Table Working Surface	21x26 in.	21x49 in.	21x49 in.
Table Shell	14x29¼ in.	14x52¼ in.	14x52¼ in.
Table to Chuck (maximum)	26 in.	26 in.	26 in.
Front of Column to Center of Chuck	7½ in.	7½ in.	7½ in.
Front of Column Support Bracket to Center of Chuck	6¾ in.	6¾ in.	6¾ in.
Center to Center of Columns	13 in.	17 in.	12 in.

Drill presses furnished with these units are same as our 99 PTM 2407 (for description and specifications see page 25) without regular table or base but with column support bracket and time-saving head lift. Head lift permits operator to raise or lower head by simple crank adjustment. Head is rigidly clamped to column by coordinating lock. Lock will not score column. Elevating screw turns on ball thrust bearing at lower end. Easy and smooth working. A great time-saver in making work set-ups.

\$220⁰⁰

2-Spindle Unit—Less Motors

Designed to meet the ever increasing demands of production. Built for heavy duty, day-in and day-out service in factory and industrial plants.

Our famous CRAFTSMAN industrial type drill press (page 25) mounted in tandem on a modern factory bench. Bench is of rugged and massive construction with precision planed oil

table for supporting heavy work. Streamlined bench legs are of heavy cast iron, rigidly braced. Dark gray finish. Convenient wood shelf for tools, etc.

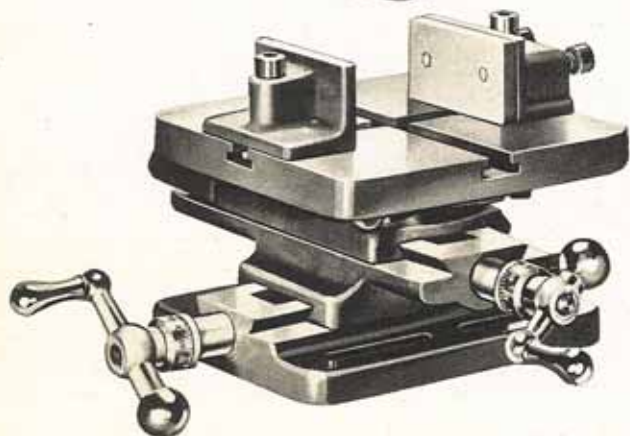
Each head is furnished complete with motor mounting bracket, belt, pulley for ½-in. diameter motor shaft, and a built-in 10-ampere 110-volt switch for single phase A. C. All models shipped from factory in southern Michigan.

99 PTM 2412F—CRAFTSMAN 2-Spindle Multiple Drill Press Outfit. Less motors. Shipping weight, 660 lbs. \$220.00

99 PTM 2413F—CRAFTSMAN 3-Spindle Multiple Drill Press Outfit. Less motors. Shipping weight, 1100 lbs. \$345.00

99 PTM 2414F—CRAFTSMAN 4-Spindle Multiple Drill Press Outfit. Less motors. Shipping weight, 1200 lbs. \$385.00

AVAILABLE ONLY ON PRIORITY ORDERS. SEE PAGE 32



CRAFTSMAN DRILL PRESS MILLING VISE

\$22⁹⁵

Use this drill press milling vise to increase the usefulness of your drill press! This versatile accessory enables you to put your drill press to many more uses . . . to handle all types of accurate drilling, layout and spacing work—straight lines, radial and circular work; and also light milling. Can also be used with shaper, milling machine and lathe for any jobs in which accurate feeds in two directions are required.

Rigidly and ruggedly built for heavy duty use. Bolts on drill press table or base. The work is locked on the milling vise table between two adjustable jaws that slide in T-slots for desired positioning—quickly and securely clamped in position by means of socket-head cap screws. By use of the two cross feed controls, work may be moved as desired. Upper slide is graduated through 180 degrees (90 degrees right and left) so vise table may be rotated to any angle and set accurately.

Machine ground table is 7x7 inches. The travel on both cross feeds is 6 inches. Feed screws have Acme threads, and convenient ball crank controls with steel collars showing graduations in thousandths. Capacity of the vise is 3½ inches. Husky jaws are 3 inches wide; 1½ inches high. One jaw can be swiveled to grip irregular work; other jaw has movable face which is tightened to hold work after both jaws have been clamped to table. Dovetailed ways are carefully machined and fitted for smooth, accurate operation at all times. Complete as shown, with wrench and necessary bolts. Available only on Priority orders. See Page 32. Shipping weight, 18 pounds.

99 PT 02432—CRAFTSMAN Milling Vise \$22.95



Heat Treated Tool Steel Cutters for routing, carving and dovetailing

A complete set will equip your drill press for accurate carving, round end mortising, dovetailing, boring, round edging, reeding and general routing. Made of first 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 ¼-in. shanks to fit collet chucks for tapered spindle or for ½-in. threaded spindle. Do not use these cutters in Jacobs' drill chucks.

- | | | | | | | | | | | |
|----------------------------------|----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|--|---|---|---|
| 9 PT 2400
¼-in. Router
69c | 9 PT 2401
¼-in. Router
85c | 9 PT 2402
¼-in. Router
98c | 9 PT 2403
¼-in. Router
\$1.10 | 9 PT 2404
¼-in. Router
\$1.25 | 9 PT 2405
1-in. Router
\$1.59 | 9 PT 2409
¼-in. Dove-tail Router
79c | 9 PT 2410
¼-in. Dove-tail Router
85c | 9 PT 2411
¼-in. Dovetail Router
89c | 9 PT 2415
¼-in. Carving Router Bit
\$1.19 | 9 PT 2416
¼-in. Carving Router Bit
\$1.35 |
|----------------------------------|----------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|--|---|---|---|

Shipping weight of the above accessories is 6 ounces each.



GRINDERS . . POLISHING HEADS



CRAFTSMAN 6-inch Grinder

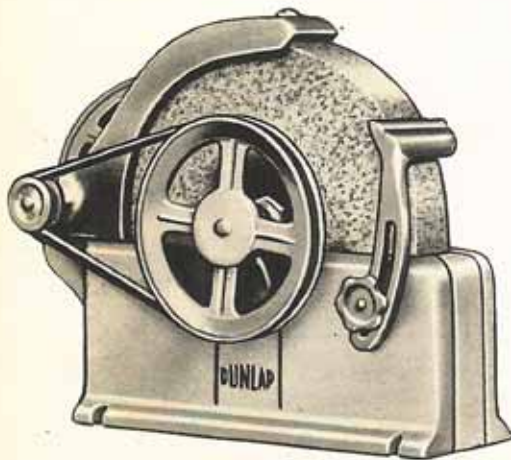
Heavy duty, precision-built ball bearing grinder. Sealed against dirt. 10-inch clearance between wheel centers. **\$895**
 12 1/2 x 3/4-inch spindle turned down to 1/2-inch at ends. Hooded frame for safety. Complete with adjustable tool rests and wheel guards; 2 CRAFTSMAN 6x1-inch grinding wheels, 1 fine and 1 medium; machined steel collars, 42x1 1/2-inch V-belt, and 2-step pulley. (1 and 2-in. diameter). Drives from below or behind. Blue finish. Shipping weight, 18 pounds.
 99 PT 06649.....\$8.95

DUNLAP 6-inch Grinder

A sturdy, smooth running grinder with full 7-inch clearance between wheel centers. 8 1/2-inch spindle is 3/8 inch in diameter, turned down to 1/2 inch at ends to fit standard wheels and accessories. Extra long bronze bearings. Adjustable wheel guards and tool rests. Shielded two-step V-drive pulley for either 3/8 or 1/2-inch V-belt. With two DUNLAP 6x3/4-inch fully vitrified grinding wheels; one fine grain, and one medium grain. Oil cups. Blue enamel finish. Shipping weight, 15 pounds.
 99 PT 06648.....\$6.39

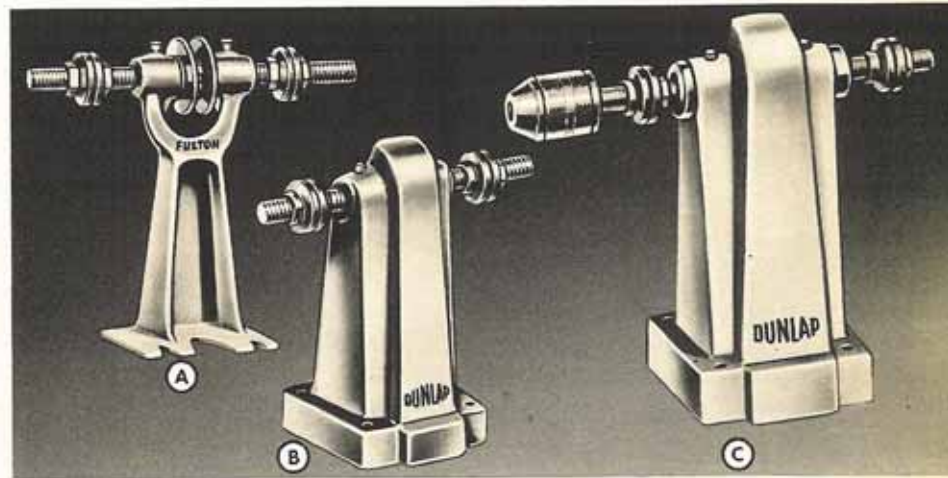
FULTON 4-inch Grinder

A low priced general purpose grinder for home or shop. Keep your tools sharp. Can be driven from below or behind. Gray iron frame. Enclosed drive pulley. 7x3/8-inch steel spindle turned down to 1/2 inch at ends: fits all standard wheels and accessories. **\$239**
 Oilite bronze bearings. 2-inch diameter V-type pulley for 3/8 or 1/2-inch V-belt. With two fast-cutting 4x3/4-inch grinding wheels, one fine grain, and one medium grain. Oil cups. Adjustable tool rests. Blue enamel finish. Shipping weight, 6 pounds 4 ounces.
 9 PT 6639.....\$2.39



DUNLAP 10-inch Wet Grinder

Will restore a keen cutting edge to any tool or knife. Positively will not draw the temper out of steel. Highest quality natural Ohio grindstone; 10-in. diam., 1 1/2-in. face. Stone rotates in bath of water; drain plug in base. Splash guard over stone. Built-in jack shaft for reducing motor speed. Heavy cast iron frame prevents vibration. Long life bronze bearings. 3-in. adjustable tool rest. With 6-in. drive pulley and V-belt. Use 1 1/2-in. motor pulley on 1750 R.P.M. motor. Blue finish.
\$995
 99 PT 06620—Shpg. wt., 34 lbs.....\$9.95



FULTON and DUNLAP Polishing Heads

A FULTON. A good low priced polishing head for home or shop. Head is 7 in. high, has 7 1/2 x 3/8-in. spindle; equipped with machined steel collars and oil plugs. 2-in. V-type pulley takes 3/8 or 1/2-in. V-belt.
 9 PT 6613—Shpg. wt., 3 lbs. 4 oz.....\$1.25

B DUNLAP Standard. Sturdily made of high grade materials. Equipped with long-life oilite bronze bearings. Can be driven from below or behind. 8x1 1/2-in. steel spindle. Machined steel collars. 1 1/2-in. V-type pulley for either 3/8 or 1/2-in. belt. Height, 7 1/2 in. Blue enamel finish.
 9 PT 6642—Shpg. wt., 3 lbs. 12 oz.....\$1.39

1/4-inch 3-jaw chuck for above polishing heads.
 9 PT 2130—Shpg. wt., 5 oz. (Not Shown).....39c

C DUNLAP Heavy Duty. Once you have used this polishing head you'll wonder how you ever got along without one. It's one of the handiest all-purpose tools in your entire shop. Sharpening tools, removing paint or rust, grinding, polishing, drilling—with proper accessories, this head will handle them all. Long-life bronze bearings. Heavy cast iron frame. 9 1/2 x 3/8-in. steel spindle takes all standard accessories. Precision built 3-jaw chuck takes drills up to 3/8-inch. Can be driven from below or behind. Carefully machined steel collars. Hooded frame protects 2-inch V-type pulley; use 3/8 or 1/2-inch belt. Oil plug. Overall height, 8 3/4 in. Blue enamel finish. Shipping weight, 8 pounds 4 ounces.
\$319
 9 PT 6643.....\$3.19



Safety Goggles

Everyone using grinding wheels or wire scratch wheels should wear safety goggles. Protects eyes against flying particles. Thick shatterproof glass lenses. Non-corrosive, strong metal frame. Wire mesh side screens give added protection. Shipping weight, 10 ounces.
 9 PT 6401.....\$1.50



Buffing Compound

For producing a lustrous satiny finish on metal. Excellent for plastics. Shipping weight, 5 ounces. **15c**
 9 PT 2876—1/4-lb.....15c

9 PT 2870—Rough Buffing Compound. Use after using above compound to give very fine smooth finish. Shpg. wt., 5 oz. 1/4-lb.....19c



Cloth Buffing Wheels

Twenty thicknesses of first quality bleached muslin, hand sorted and graded to standard. Pieced construction with full disc covers. Strong 3/8-in. spiral sewing. Trimmed and balanced. Raked edges. Buffing wheels that will last longer and stand up better under high speeds. 1/2-in. center hole.
 9 PT 6490—State diameter wanted. **10c**
 4-in. diameter. Shpg. wt., 2 oz. Each.....10c
 6-in. diameter. Shpg. wt., 3 oz. Each.....15c
 8-in. diameter. Shpg. wt., 4 oz. Each.....25c



CRAFTSMAN Grinding Wheels

Fully vitrified. Flat face.
 9 PT 6412—Fine grit
 9 PT 6411—Medium grit

Diam.	Thickness	Shpg. Wt.	Each
4 in.	3/8 in.	1 lb.	\$0.55
4 in.	3/8 in.	1 lb.	.65
4 in.	3/8 in.	2 lbs.	1.15
6 in.	3/8 in.	3 lbs.	1.29
7 in.	3/8 in.	3 lbs.	1.39
7 in.	1 in.	3 lbs.	1.39
7 in.	1 in.	4 lbs.	1.55

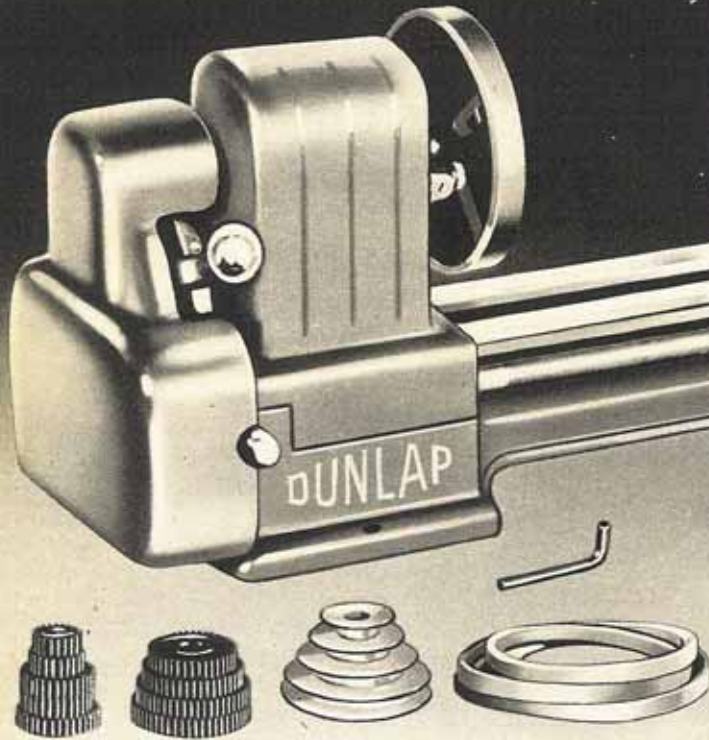


Wire Scratch Wheels

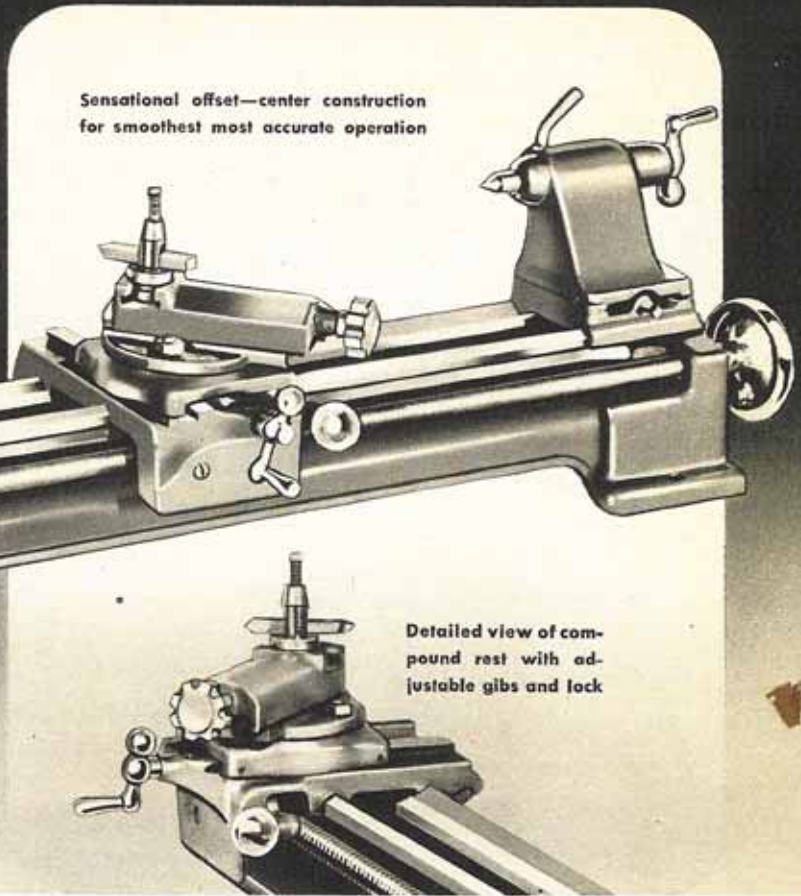
For removing paint, rust, scale, for buffing tires, etc. 4-in. size has 1/2-in. arbor hole; 6-in. size has 1/2 or 3/8-in. hole. State diameter and hole size.
 9 PT 6480—Coarse **35c**
 4-inch. Shpg. wt., 5 oz.....35c
 6-inch. Shpg. wt., 11 oz.....45c
 9 PT 6482—Fine **45c**
 4-inch. Shpg. wt., 5 oz.....45c
 6-inch. Shpg. wt., 11 oz.....55c

DUNLAP
OUR OWN TRADE MARK

METAL-TURNING LATHE



Sensational offset—center construction for smoothest most accurate operation



Detailed view of compound rest with adjustable gibs and lock

SPECIFICATIONS

Over-all Height	9 1/8 in.	Spindle Bearings { No. Type	2 Bronze
Over-all Width	8 3/8 in.	Headstock Spindle { Size Nose Taper Hole	7 3/4 x.551 in. 1/2-in. 24-thread No. 0 Morse 1/4 in.
Over-all Length	32 in.		Spindle Speeds
Swing Over Bed	6 in.	Tailstock Ram Travel	1 1/4 in.
Swing Over Carriage Between Centers	2 1/4 in. 18 in.	Tailstock Set Over	3/8 in.
Back Gear Bearings	4 Bronze	Compound Rest Travel	1 1/2 in.
Back Gear Ratio	5 to 1	Gross Slide Travel	2 1/4 in.
Feeds	.0024; .0039; .0048; .0078	60° Center	No. 0 Morse Taper
Thread Range	8 to 96 R.H. or L.H.	Motor Recommended	1/4 or 1/2-H.P. 1750 R.P.M.
Lead Screw { Size Thread	1/2-in. 29° Acme 16 per inch	Mounting Dimensions	5x24 1/2 in.

Has knock-out centers in headstock and tailstock. Tailstock may be set over for turning tapers. Cross feed and angular feed are gibbed for takeup. Full length lead screw for longitudinal feed of carriage. All in all, a lathe that gives you many of the features and advantages of larger, much higher priced machines. Check the specifications.

6-INCH SCREW CUTTING LATHE

\$33.95

- Accurately machined V-way bed.
- 6-in. swing, 18 in. between centers.
- Built-in back gears—give slow speeds for more power, better metal turning.
- Cut threads from 8 to 96 per inch, right or left hand.

The only complete back geared, screw cutting metal turning lathe we know of in this price range. Has many of the outstanding features of the CRAFTSMAN metal turning lathe described on the opposite page—including back gears, special threading gears, enclosed gear case, threading dial, 4-in. face plate, graduated compound rest (swivels through 360°), special 4-step motor pulley and V-belt.

Metal turning speeds are always slower than wood turning speeds, particularly on large diameter work. The back gears have been specially designed to give this slow speed, resulting in greater power and more accurate metal turning with a total range of 8 speeds from 116 to 2040 R.P.M.

Offset center construction keeps pressure of work on the tool bit between the ways—even when handling larger work. This overcomes one of the great disadvantages of ordinary small metal turning lathes—and assures smoother and more accurate performance than has ever been possible before in a small lathe. Shpg. wt., 56 lbs.

99 PT 02062—DUNLAP Metal Turning Lathe..... \$33.95



Lathe Dogs

(A) Holds work firmly; assures a better cut. Choice of 1/2, 3/4, 1 or 1 1/2-in. capacity. **Stato size.**
9 PT 2078—Shpg. wt., 8 oz. **45c**

4-Jaw Lathe Chuck

(B) Fits 99PT02062 lathe above. Diameter, 3 in. 4 steel jaws move independently and are reversible for large work of irregular shapes. Accurate. Fits 1/2-in. 24-thread spindle. With key and back plate. Available only on Priority. See Page 32.
9 PT 2137—Shpg. wt., 3 lbs. **\$4.95**

Accessories for above lathe

- (C) No. 0 Morse taper spur center. Use for wood turning. 9 PT 2108—Shpg. wt., 3 oz. **59c**
- (D) No. 0 Morse taper cup center. 9 PT 2109—Shpg. wt., 3 oz. **59c**
- (E) No. 0 Morse taper 60° center. 9 PT 2103—Shpg. wt., 3 oz. **55c**
- (F) No. 0 Morse taper work arbor. 1/2-in. 24-thread. Use this arbor when mounting drill chuck, buffing, grinding and wire scratch wheels. 9 PT 2104—Shpg. wt., 5 oz. **79c**
- (G) 3-jaw chuck. Takes drills up to 1/2-in. Fits 9PT2101 arbor. 9 PT 2132—Shpg. wt., 12 oz. **65c**

Jacobs' 1/2-inch Chuck

- (H) Mounts on arbor 9 PT 2131 below; fits in head or tailstock of 99 PT 02062 lathe above. Available only on Priority. See Page 32. Shipping weight, 2 pounds.
9 PT 2142—Capacity, 3/4 to 1/2-in. **\$6.00**
9 PT 2143—Capacity, 0 to 1/2-in. **\$7.50**
- (J) No. 0 Morse taper arbor. For above. 9 PT 2131—Shpg. wt., 3 oz. **79c**

Center Rest Chuck

- (K) To support centerless armatures. Mounts on arbor 9 PT 2133 below; fits in tailstock of 99 PT 02062 lathe above. Available only on Priority. See Page 32.
9 PT 2991—Shpg. wt., 3 lbs. **\$10.00**
- (L) No. 0 Morse taper arbor. For above. 9 PT 2133—Shpg. wt., 3 oz. **79c**

Back Gears Assembly

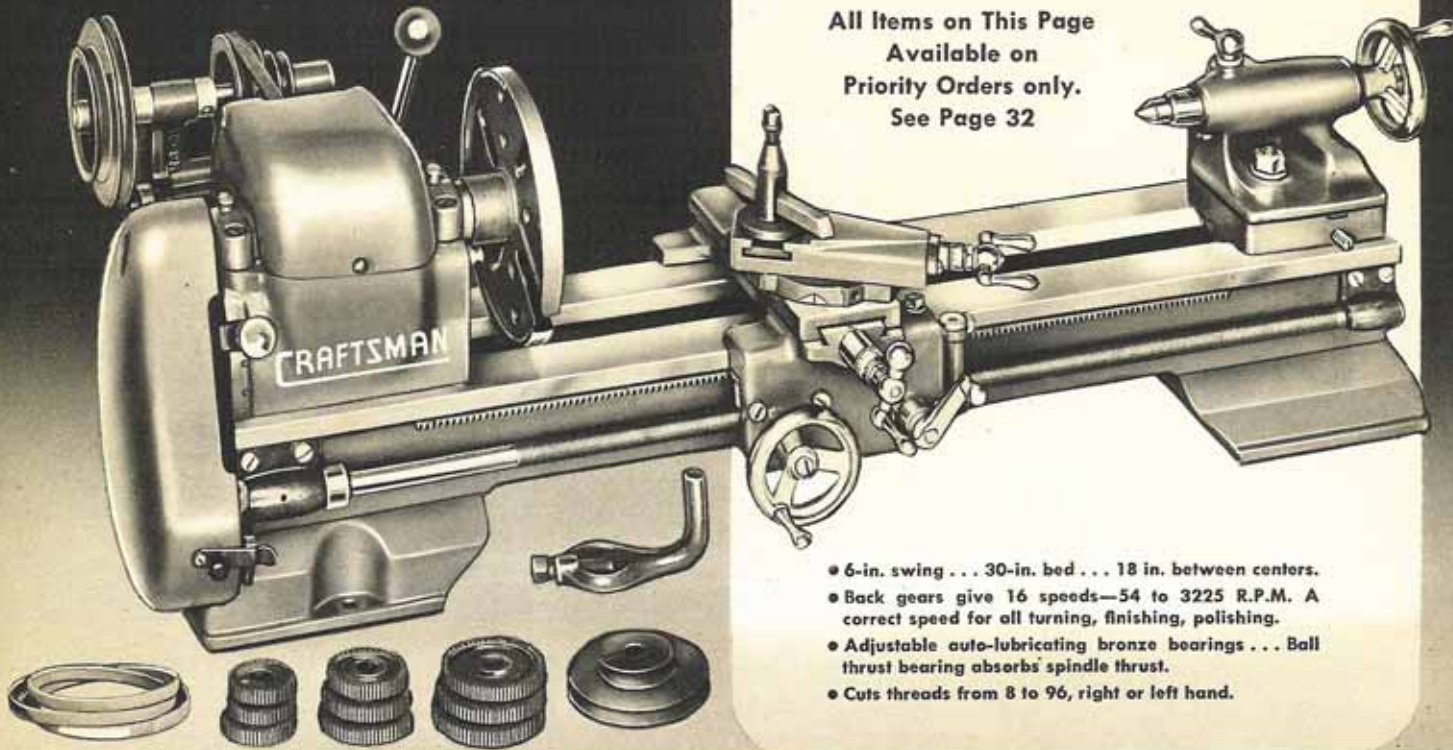
- (M) Use on 99PT02046 or 99PT02053 lathes (listed in previous catalogs) to replace regular headstock pulley; give slower spindle speeds with much greater power. Gears are contained within pulley; can be thrown in or out of engagement. Shpg. wt., 2 lbs. 8 oz. **\$4.95**
9 PT 2082..... **\$4.95**

Threading Gears

- (N) Use on 99PT02046 or 99PT02053 lathes (listed in previous catalogs). Cut threads from 8 to 96 per inch. With cover and threading dial.
9 PT 2083—Shpg. wt., 10 lbs. **\$9.95**

CRAFTSMAN
REG. U. S. PAT. OFF.

MODEL MAKERS LATHE



Precision-Built! Guaranteed Accurate—Within 1/1000-inch!

All Items on This Page Available on Priority Orders only. See Page 32

- 6-in. swing . . . 30-in. bed . . . 18 in. between centers.
- Back gears give 16 speeds—54 to 3225 R.P.M. A correct speed for all turning, finishing, polishing.
- Adjustable auto-lubricating bronze bearings . . . Ball thrust bearing absorbs spindle thrust.
- Cuts threads from 8 to 96, right or left hand.

SPECIFICATIONS

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

UNMATCHED ANYWHERE AT THIS PRICE!

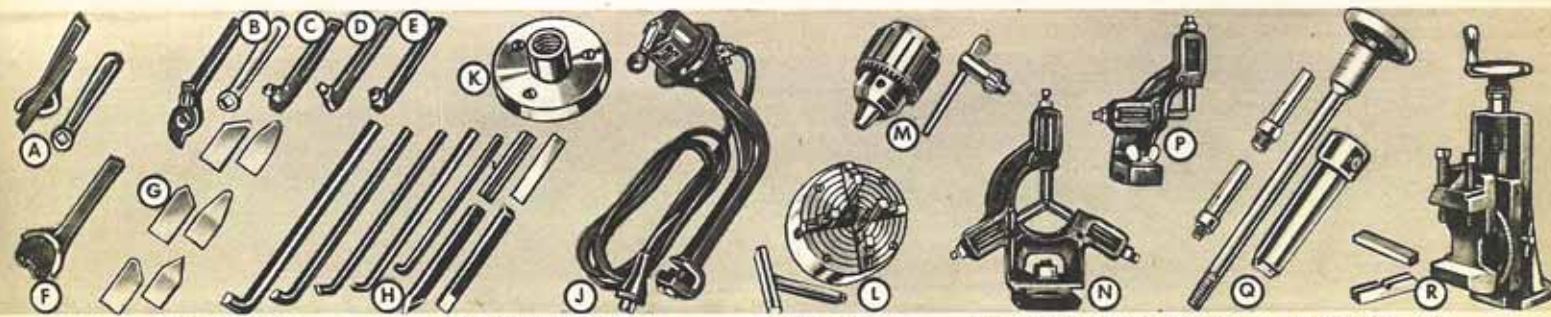
\$7450

You'd expect to pay much more for a real precision built metal turning lathe like this! It actually matches our big CRAFTSMAN screw cutting lathes (Pages 30 and 31) in accuracy and precision!

Massive, semi-steel precision-ground bed. Carriage has hand wheel for manual operation and feed lever for reversible automatic power feed. Heavy ground steel spindle is carried in adjustable bronze bearings. 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, 1/2-inch tool bit, bench type countershaft, motor pulley, belts, face plate, threading dial, change gears, lathe dog and three wrenches. Complete directions also included. Shipped from factory in Southern Michigan. 99 PTM 2048F—Shipping weight, 110 pounds. \$74.50

All Items on This Page Available on Priority Orders Only. See Page 32.



- Tool Holders**
- Fit lathe above. Finest construction throughout. Special drop forged steel, heat treated and hardened. Accurately machined. Set screws are best alloy steel. These holders using tool bits use 1/4-inch bits.
- A 9 PT 2037—Cut-Off Tool. Shipping weight, 14 oz. \$1.90
 - B 9 PT 2031—Threading Tool. Shipping weight, 14 oz. 3.25
 - C 9 PT 2033—Straight Tool Holder. Shpg. wt., 12 oz. 1.35
 - D 9 PT 2034—Right Hand Tool Holder. Shpg. wt., 12 oz. 1.35
 - E 9 PT 2035—Left Hand Tool Holder. Shpg. wt., 12 oz. 1.35
 - F 9 PT 2036—Knurling Tool. Shipping weight, 14 oz. 3.60

- 6 Formed Tool Bits**
- G 1/4-in. bits to fit tool holders at left. Ground, ready for use. Shpg. wt., 5 oz. 9 PT 2043—Set of 6. \$1.60
- Tool Post Set**
- H Set includes four boring bars, internal threading tool and external turning and threading tools, set of spacers. Shpg. wt., 14 oz. 9 PT 2038 \$5.25
- Reversing Switch**
- I For reversing rotation of motor and spindle. Not for R. L. motors. Shpg. wt., 5 lbs. 9 PT 2039 \$5.45

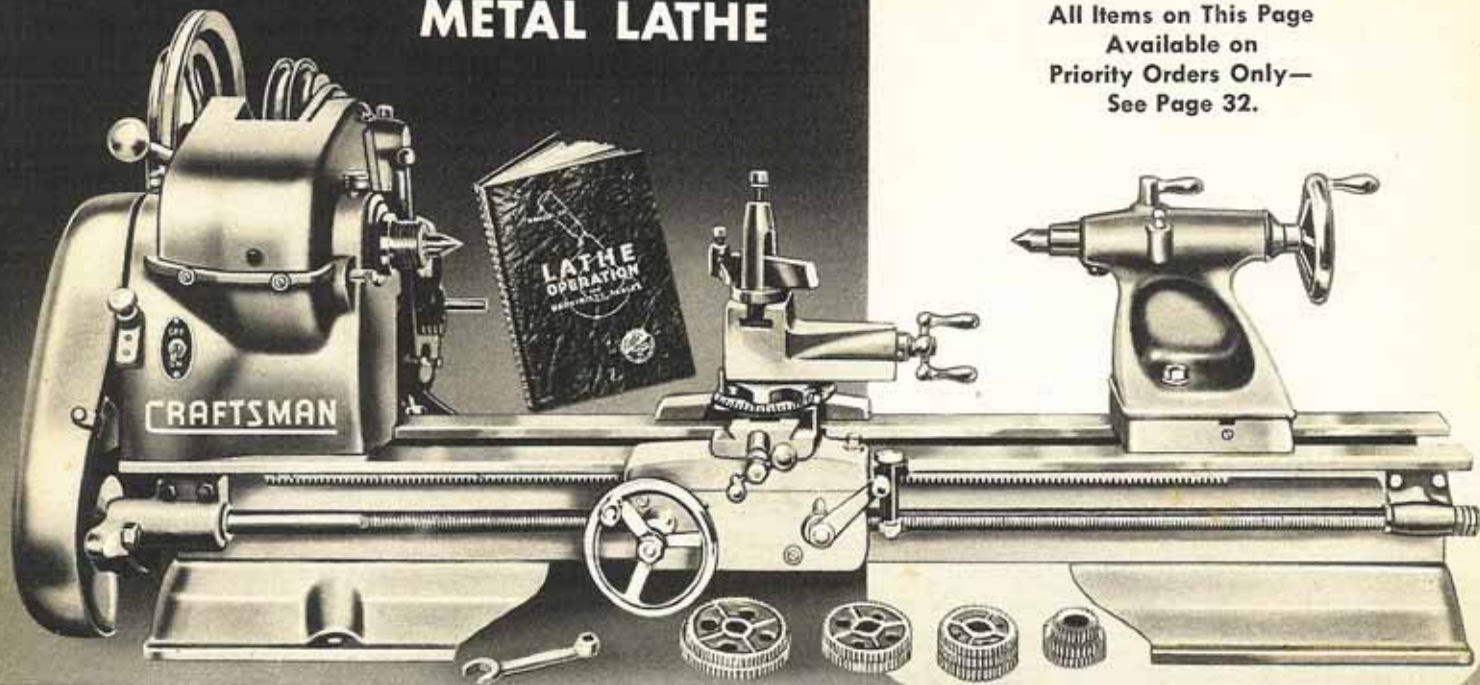
- Face Plate**
- K Fits 1-inch 8-thread spindle. Diameter, 3 1/2 inches. Shipping weight, 2 pounds 9 PT 2035 \$1.59
- Independent Chuck**
- L Four reversible jaws move independently of each other. 4 inches in diameter. Fits 1-in. 8-thread spindle. Shipping wt., 4 lbs. 2 oz. 9 PT 2138 \$5.95
- 4-inch Universal Chuck**
- M 3-jaw; self centering. Fits 1-in. 8-thread spindle. (Not shown). Shpg. wt., 4 lbs. 8 oz. 9 PT 2148 \$18.45

- Jacobs' Headstock Chuck**
- N 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 \$12.00
- Steady Rest**
- O Mounts on bed. Gives additional support when turning long pieces. Handles diameters up to 2 1/2 in. Shipping weight, 5 lbs. 8 oz. 9 PT 2041 \$4.45
- Follower Rest**
- P Mounts on back of carriage slide to support slender work. Shpg. wt., 3 lbs. 8 oz. 9 PT 2042 \$2.95

- Holding Collet**
- Q This device will hold threaded-hole angular milling and keyway cutters and 1/2-inch end mill (See Page 32). Shipping weight, 2 pounds. 9 PT 2059 \$6.45
- Milling Attachment**
- R Has a graduated swivel vise, flat block, and V-block to hold cylindrical objects. Vise capacity, 2-inches. Vertical feed, 1 3/4 inches. Graduated angular swivel. Shipping weight, 8 lbs. 8 oz. 9 PT 2057 \$14.95

METAL LATHE

All Items on This Page Available on Priority Orders Only— See Page 32.



SPECIFICATIONS

Over-all Height	19 1/2 in.
Over-all Width	25 1/2 in.
Over-all Length	45 in. (42-in. bed)
Swing Over Bed	12 1/4 in.
Swing Over Carriage	8 3/4 in.
Main Spindle Bearings	2; babbitt
Countershaft and Back Gear Bearings	4. oilite bronze
Spindle	Nose Taper
	Hole
Back Gear Ratio	1 1/2 in.; 8 R.H. No. 3 Morse; sleeve to No. 2 3/8-in. bore
Lead Screw	About 6 to 1
Tailstock Ram Travel	3/8 in.; 8 Acme threads per in.
Gross Slide Travel	2 1/2 in.
Compound Rest Travel	6 in.
Tailstock Set Over	2 1/4 in.
Speeds	3/4 in.
Motor Recommended	16; 28 to 2072
Countershaft Pulley Supplied	1/2 or 1/2-H.P.M. 1750 R.P.M.
Motor Pulley Supplied	2-step; 9 1/4 in. and 7 1/2 diam.
Mounting Dimensions	2-step; 4 1/2 and 2-in. diam.
	6 1/2 x 35 1/2 in. (for 42-in. bed)

GUARANTEED ACCURATE TO WITHIN ONE-THOUSANDTH INCH

\$119⁰⁰

99 PTM 2065F

- Semi-steel headstock has high speed line reamed babbitt bearings.
- Countershaft is part of lathe; a complete unit with motor mounting.
- Thread range: 4 to 96 threads per inch, right and left (standard).
- Husky back gears make slow speeds available for heavy cuts.

This 12-inch 16-speed screw cutting metal lathe is built to meet the most exacting demands of master craftsmen and industrial shops. Accurate within 1/1000th inch.

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 3/4-inch set-over for taper turning; is fitted with center ejector and coordinate ram lock; ram is graduated in 16ths of an inch and has 2 1/2-inch travel. Non-slip V-belt drive has adjustable belt tension and release lever. Heavy semi-steel carriage has adjustable gibs for take-up. Reversible longitudinal feed is provided to the carriage. Feeds and thread range are same as in Deluxe lathe on opposite page. Threading dial supplied as stand-

ard 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.

Headstock is equipped with indexing device so work may be evenly divided or fluted. Headstock spindle has No. 3 Morse taper with sleeve to No. 2; tailstock has No. 2 taper. Back gears (included) give a wide range of 16 speeds. With 234-page "Manual of Lathe Operation," threading gears, threading dial, V-belts, pulleys, wrenches, etc. Without motor. All models shipped from factory in southern Michigan.

Catalog No.	Bed Leth.	Bel. Centers	Shpg. Wt.	Less Motor
99 PTM 2065F	36 in.	18 in.	245 lbs.	\$119.00
99 PTM 2067F	42 in.	24 in.	255 lbs.	129.00
99 PTM 2069F	48 in.	30 in.	270 lbs.	139.00
99 PTM 2071F	54 in.	36 in.	275 lbs.	149.00

All Items on This Page Available on Priority Orders Only. See Page 32.



Metal Lathe Manual

A 234 pages of sound, practical, easy-to-follow directions. Fully illustrated with photographs and drawings. Shpg. wt., 1 lb. 9 PT 2925... **\$1.00**

CRAFTSMAN Micrometer

B Made in U.S.A. to highest standards of accuracy. 0 to 1 in. Graduated by 1/1000 of an inch. Lock nut; adjustable anvil. Decimal equivalents on frame. 9 PT 4069—Shpg. wt., 8 oz. **\$9.25**

Center Gauge

C For checking lathe centers and setting threading tool. 9 PT 4064—Shpg. wt., 1 oz. **45c**

Center Drill

D Combination drill and countersink. Choice of 3/2 or 1/4-inch size. State size wanted. Shipping weight, 1 ounce. 9 PT 2061... **29c**

No. 2 Morse Taper Centers, Arbors

- E 9 PT 2111—60-Degree Center. Shipping weight, 7 ounces. **75c**
- F 9 PT 2113—Precision Ball Bearing 60-Degree Center. Shpg. wt., 8 oz. **\$2.25**
- G 9 PT 2125—Arbor and 1/2-in. Chuck. Shpg. wt., 1 lb. 8 oz. **\$1.50**
- H 9 PT 2163—Work Arbor. Shipping weight, 13 ounces. **95c**
- J 9 PT 2161—Adapter Sleeve. To change from No. 2 to No. 1 Morse taper. Shipping weight, 5 ounces. **75c**

Lathe Accessories

- K 9 PT 2187—Drill Pad. Shipping weight, 1 lb. 2 oz. **\$1.25**
- L 9 PT 2114—Crotch Center. For centering round work for tailstock drilling. Shpg. wt., 1 lb. **\$1.25**
- M 9 PT 2124—Chuck Arbor. For Jacobs drill chuck. Shpg. wt., 7 oz. **75c**
- N 9 PT 2126—Chuck Arbor. For use with center rest chuck or spindle nose chuck. Shpg. wt., 10 oz. **\$1.15**

Face Plates

- P For any lathe with 1 1/2-inch, 8-thread spindle as on the lathes on these two pages. 9 PT 2097—3 1/2-in. Shpg. wt., 2 lbs. **\$1.50**
- 9 PT 2098—6-in. Shpg. wt., 3 lbs. **\$2.19**
- 9 PT 2087—8 1/2-in. Shpg. wt., 6 lbs. **4.75**

Universal Chuck

Q 5-inch, 3-jaw self-centering chuck. For centering round or hexagonal work. All jaws are moved by turning one screw. Fits 1 1/2-inch 8-thread spindle as on lathes on these two pages. Supplied with two sets of jaws (inside and outside). 9 PT 2150—Shpg. wt., 6 lbs. 11 oz. **\$22.95**

Independent Chucks

R Toolmakers' choice for precision work. 4 reversible jaws, hardened and tempered. For 1 1/2-in. 8-thread spindle as on lathes on these 2 pages. 9 PT 2139—6-inch. Shipping weight, 8 lbs. 12 oz. **\$11.95**

99 PT 02141—Heavy duty. 8-inch. Shpg. wt., 22 lbs. **19.95**

CRAFTSMAN
REG. U.S. PAT. OFF.

METAL LATHE



All Items on This Page Available on Priority Orders only. See Page 32.

SPECIFICATIONS

Over-all Height	20 in.
Over-all Width	25½ in.
Over-all Length	45 in. (42-in. bed)
Swing Over Bed	12½ in.
Swing Over Carriage	8½ in.
Spindle Bearings	2; selected Timken roller
Cross Feed	Reversible; power feed
Belt Guards	Fully cover all belts.
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.
Speeds	16: 28 to 2072
Motor Recommended	½ or ⅝-H.P.; 1750 R.P.M.
Mounting Dimensions	6⅞x35⅝ in. (for 42-in. bed)
Other dimensions	See table on Page 30

GUARANTEED ACCURATE WITHIN ONE-THOUSANDTH INCH

\$145⁰⁰

99 PTM 2073F

- Super quality! Precision built! Extra heavy duty construction!
- Famous TIMKEN tapered roller bearings assure finest performance.
- Reversible automatic power cross feed as standard equipment.
- Belt guards completely cover headstock and motor drive pulleys.

This great CRAFTSMAN Deluxe lathe is by far the finest we have ever sold!

It has ALL the fine features of our CRAFTSMAN 16-speed lathe shown on opposite page—PLUS many features of ten considered as special equipment to be sold separately.

The famous TIMKEN tapered roller bearings assure smooth, fast cutting performance, even at high spindle speeds. These bearings are particularly desirable on production work where high speed counts. They aren't just standard TIMKEN bearings, but are specially selected—the same type as used in large machine tools selling for thousands of dollars! We believe they are the finest bearings available for metal cutting lathes.

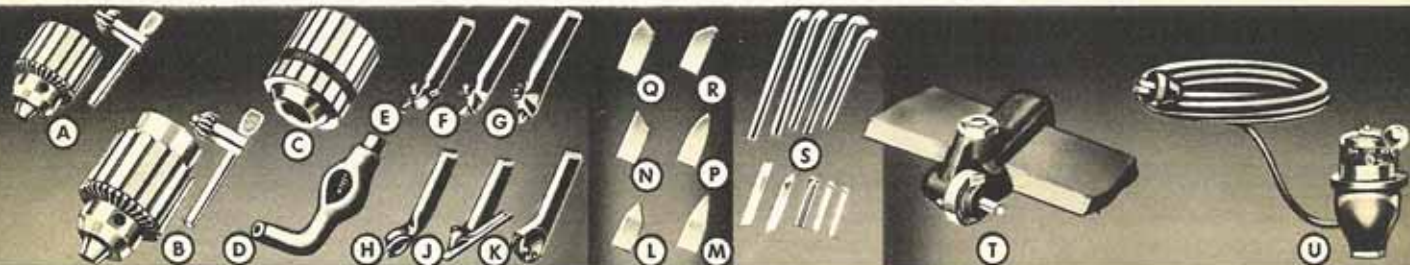
The reversible power cross feed makes it possible to do your facing work much more accurately—automatically! Pulling the knob

on the front of the carriage engages the power cross feed and causes the cutting tool to feed across the face of the work. The hinged belt guards completely cover headstock and motor drive pulleys, so as to meet safety code regulations; easily opened to change speeds. CRAFTSMAN supplies these guards as standard equipment at no extra charge.

Complete as shown, with complete belt guards, selected TIMKEN bearings, power cross feed and all equipment supplied on CRAFTSMAN lathes on opposite page. Without motor. All models shipped from factory in southern Michigan.

Catalog No.	Bed Lgth.	Bel. Centers	Shpg. Wt.	Less Motor
99 PTM 2073F	36 in.	18 in.	265 lbs.	\$145.00
	Standard			
99 PTM 2075F	42 in.	24 in.	270 lbs.	155.00
99 PTM 2077F	48 in.	30 in.	285 lbs.	165.00
99 PTM 2079F	54 in.	36 in.	290 lbs.	175.00

All Items on This Page Available on Priority Only. See Page 32.



Jacobs' Chucks

A Jacobs' Drill Chuck. When fitted with arbor 9PT2124 (Page 30), it may be used either in lathe head or tailstock for holding drill bits. Shipping weight, 2 lbs.
9 PT 2142—5/64 to ½-inch.....\$6.00
9 PT 2143—0 to ½-inch.....\$7.50

B Jacobs' Spindle Nose Chuck. For holding small work accurately. Hollow. Capacity ¼ to ⅝ in. Fits threads on spindle or mounts on tailstock with chuck arbor 9PT2126 (Page 30). Shpg. wt., 4 lbs.
9 PT 2144.....\$14.50

C Jacobs' Center Rest Chuck. Use in tailstock with 9PT2126 chuck arbor to support centerless armatures. Shipping weight, 3 pounds.
9 PT 2991.....\$10.00

Lathe Dogs

D Hold work firmly. Heat treated set screw. Shipping weight, each, 1 lb.
9 PT 2183—State size wanted.
¼-in.....59c 1-in.....85c
⅜-in.....75c 1½-in.....95c

Tool Holders

Steel forgings, carefully finished. For ¼-inch tool bits. Shanks are ⅜-inch high; ⅜-inch wide. Shipping weight, each, 2 pounds.
(E) 9 PT 2194—Offset, left.....\$1.45
(F) 9 PT 2192—Offset, right.....1.45
(G) 9 PT 2196—Straight.....1.45
(H) 9 PT 2198—Threading.....3.25
(J) 9 PT 2200—Cut-off.....1.95
(K) 9 PT 2202—Knurling tool... 3.95

6 Formed Tool Bits

¼-inch size. Ground ready to use. Fit tool holders at left. Shpg. wt., 8 oz.
Set includes:
(L) Threading bit.
(P) Left hand facing bit.
(N) Right hand turning bit.
(M) Round nose turning bit.
(Q) Right hand facing bit.
(R) Left hand turning bit.
9 PT 2205—Set of 6.....\$1.79

Tool Post Tool Set

S Includes 4 boring tools (3/8, ¼, ⅜, ½-inch); ¼-inch inside threading tool; ⅜-inch turning tool; ⅜-inch threading tool and set of tool post spacers. Shpg. wt., 2 lbs.
9 PT 2189.....\$5.45

Micrometer Carriage Stop

T Has adjustable micrometer stop to indicate stopping place for carriage in 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 of bed way. Shipping weight, 1 pound.
9 PT 2185.....\$3.95

Reversing Switch

U Drum type. Essential for grinding, tapping and all types of fine metal and wood finishing. Reversing motor reverses direction of rotation of lathe spindle. (Not for repulsion-induction motors.) With cord and plug. Shpg. wt., 5 lbs.
9 PT 2983.....\$5.25

CRAFTSMAN METAL LATHE ACCESSORIES

Universal Tool Post Grinder

• Spindle turns in pre-loaded ball bearings sealed against dust.

A fine all purpose grinder for machinists, etc. Grinds valves, cutters, pistons, bushings, reamers, valve stems and lathe centers. Undercuts mica. Mounts on tool post side of compound rest. 2 speeds, 6800 and 10,400 R.P.M. With motor, external and internal grinding wheels, quill for internal grinding, 6 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.

99 PT 02998...\$57.50

Taper Attachment

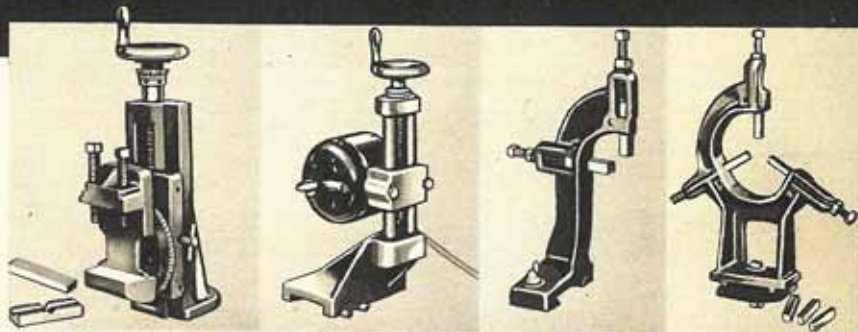
• Makes it easy to cut accurate tapers quickly.
• Cuts tapers up to 6 in. long at one setting.

Easily installed—simple to operate. Makes it unnecessary to move tailstock out of alignment to cut tapers. Duplicate tapers can be cut accurately on pieces of different lengths. Internal boring work can be done as easily as external work.

Index plate is graduated 7° and 3 in. both sides of center line. Equivalent to taper of 2 $\frac{1}{16}$ in. per foot. Fits CRAFTSMAN 12-in. lathes (pages 30-31). Shpg. wt., 10 lbs.

9 PT 2984.....\$17.95

All items on this page are available only on Priority. See below.



Milling Attachment

Designed to fit Sears screw cutting lathes on pages 30 and 31. Has graduated swivel vise. V-block for holding cylindrical objects. Vise capacity, 2 $\frac{1}{2}$ in. Vertical feed, 2 $\frac{3}{4}$ in. Micrometer graduated feed screw. Angular swivel accurately graduated in degrees. Shipping weight, 16 pounds.

99 PT 02987.....\$17.95

Mica Undercutter

Fastens to back of carriage. Screw feed regulates height of cutter; carriage feed moves cutter into commutator slot. For 110-120-volt D.C. or A.C. 25-60 cycles. With motor, switch, cord, set of 5 undercutting saws. Shpg. wt., 10 lbs.

9 PT 2988...\$23.50

Follower Rest

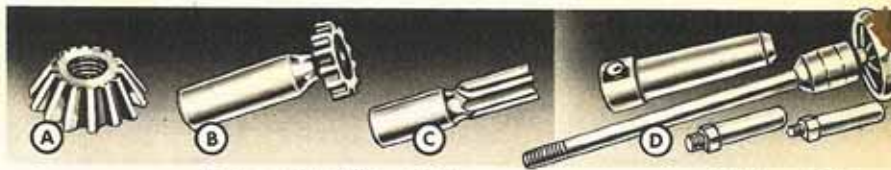
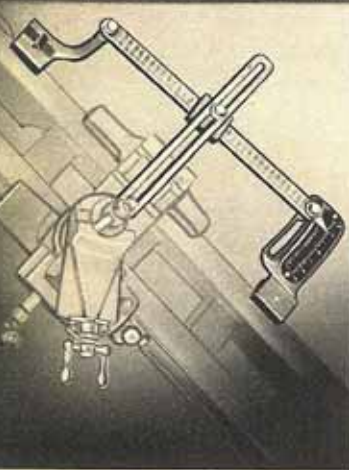
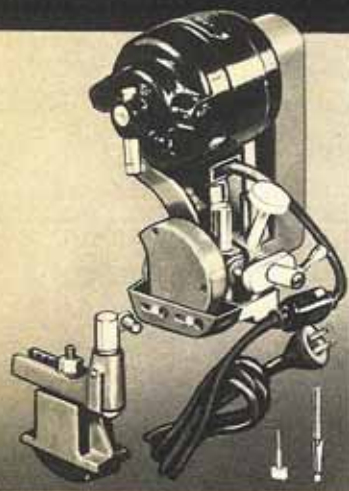
Gives necessary support for jobs requiring a long cut on small diameters. Insures accurate work. Fastens to back of carriage dovetail slide—follows cutting tool. Shipping weight, 4 pounds.

9 PT 2988\$3.75

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 $\frac{1}{4}$ in. With extra jaws. Shpg. wt., 7 lbs.

9 PT 2050 \$5.65



High quality 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.	Holo., in.	Price
1 $\frac{1}{4}$	$\frac{7}{16}$	$\frac{3}{8}$	\$4.95
1 $\frac{3}{8}$	$\frac{9}{16}$	$\frac{1}{2}$	5.75

B Wood-ruff Keyway Cutters. Well made; ground. $\frac{1}{2}$ -in. shank. Shpg. wt., each, 4 oz. State size.

Diam., in.	Thick., in.	9 PT 2996
$\frac{1}{2}$	$\frac{1}{8}$	\$3.35
$\frac{3}{8}$	$\frac{3}{16}$	3.65
1	$\frac{1}{4}$	4.45
1 $\frac{1}{8}$	$\frac{1}{4}$	4.95
1 $\frac{1}{4}$	$\frac{1}{4}$	5.45

C R. H. Cut, R. H. Spiral End Mills. Used with 9 PT 2994 and 9PT2985. Shpg. wt., each, 3 oz. State size.

Diam., in.	Flets, in.	9 PT 2997
$\frac{1}{4}$	$\frac{1}{8}$	\$2.10
$\frac{3}{8}$	$\frac{1}{16}$	2.25
$\frac{1}{2}$	$\frac{3}{16}$	2.45
$\frac{3}{4}$	$\frac{1}{4}$	2.75
$\frac{1}{2}$	$\frac{1}{16}$	2.95

Holding Collet

For threaded-hole angular milling and keyway cutters, and $\frac{1}{2}$ -in. end mill. Shpg. wt., 3 lbs.

9 PT 2994 \$6.95

9 PT 2985—4 bushings for use with $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ -in. end mills. Shpg. wt., 4 oz. \$1.35

PRIORITY INFORMATION . . . WHO CAN BUY AND HOW

Some CRAFTSMAN and DUNLAP power tools and accessories listed in this catalog are sold only on Priority or Preference Ratings. All such items are clearly marked in this catalog.

Those CRAFTSMAN and DUNLAP power tools and accessories which require priorities may be ordered under any valid Preference Rating Certificate or Certification, such as PD-1A, PD-3A or P-19H, etc. They may not be ordered on the P-100 Repair, Maintenance and Operating Supplies Order.

How to get Priority assistance

If you are a prime contractor or a sub-contractor for the Army, Navy, Coast Guard or other Government agency, apply to the contracting officer of that agency for priority assistance to purchase the machines, equipment or materials required.

If you are not in the above group, but are directly or indirectly connected with the war program or any essential civilian industry or enterprise, priority assistance may be obtained by submitting a PD-1A Application For Preference Rating to the Director of Industry Operations, War Production Board, Washington, D.C. The PD-1A Application Forms or additional information may be obtained from your local War Production Board Office.

Information required on orders

When you secure your application form for the purchase of merchandise requiring a Priority or Preference Rating fill it out completely giving the following information on your order:

1. Preference rating and certification as shown on preference rating certificate or order which authorizes the purchase of machines, equipment or materials.
2. Purchaser's symbols and allocation classification symbols commonly called "End Use" as required by Priorities Regulation No. 10.
3. Required delivery date. This should be the actual date the material is required by the purchaser. Purchase orders authorized by PD-1A and PD-3A Certificates must show the same required delivery date as indicated on the certificate. IMPORTANT: Orders which indicate required delivery "at once, immediately, two weeks, etc." are not acceptable.
4. Urgency standing, if any. Urgency standing is assigned to certain prime and sub-contractors. The urgency standing, if any, is indicated on the PD-3A Certificate or P-19H Preference Order authorizing the purchase of the machine. If no urgency standing has been assigned, show "none" on your purchase order.



DUNLAP 1/4-inch Utility Drill

- Approved by Underwriters' Laboratories.
- Powerful, specially designed universal motor. Accurately balanced.
- Double reduction helical gears.

\$18.95
As Shown

\$15.95 Drill Only

Packs plenty of power. Has features found in drills selling for \$20.00 and more. Streamlined, efficient, modern design. Powerful motor, plus the ability to work in close places, makes this drill tremendously popular with all types of mechanics and shop men.

Accurately balanced motor assures smooth, vibrationless operation for more accurate work. Fully enclosed. Oversize ball thrust bearing takes heavy spindle thrust. Self-lubricating bronze bearings for smooth operation and long life. Turbine-type fan keeps motor cool even after continuous use. Trigger switch. 1/4-in. 3-jaw chuck with hardened jaws. No load speed, 1200 R.P.M. For 110-120 volt A.C. or D.C. 6-ft. 3-wire cord, with plug.

9 PT 2567—Shipping weight, 7 pounds.....\$15.95

9 PT 2588—Above drill with 7 high speed steel drills (1/4 to 3/4-inch), mandrel, two 4-inch buffing wheels, buffing compound, 1/4-inch sanding drum assembly with 4 extra sleeves, 2 mounted, grinding points. Shipping weight, 7 pounds 12 ounces.....\$18.95



Grinding Arbor for electric drills

1/4-in. shank fits any of our electric drills. Has 1/4-in. 24-thread spindle for attaching grinding wheels. Not recommended for use with wheels larger than 4 inches. Be sure to use grinding goggles (page 27).

9 PT 2593—Shipping weight, 6 ounces..... 49c

ELECTRIC DRILLS

All items on this page are available only on Priority. See page 32



CRAFTSMAN extra heavy duty Production Drill

- Famous Westinghouse heavy duty Universal ball bearing motor.
- Spindles run on precision ball bearings sealed in oil.
- Special alloy triple reduction gears improve with use.

\$53.95
1/2-in.

We guarantee this CRAFTSMAN drill not to stall on any job even when used with the largest size drill specified below. Meets exacting A.I.E.E. and N.E.M.A. standards. Has genuine Jacobs' key chuck. Underwriters approved, fully enclosed double-pole automatic-releasing switch; locks in place for continuous running. Top handle and rear grip removable for close-quarter work. For 110-120 volt A.C. or D.C. 10-ft. 3-wire rubber cord with plug.

Catalog No.	Max. Size Drill	No Load Speed	Length	Shpg. Wt.	Price
99 PT 02585	1/2-in.	750 R.P.M.	18 1/2 in.	27 lbs.	\$53.95
99 PT 02586	3/8-in.	525 R.P.M.	18 3/4 in.	30 lbs.	58.95
99 PT 02587	3/4-in.	475 R.P.M.	19 in.	31 lbs.	64.95

CRAFTSMAN 1/4-in. Shop Drill

- Large, powerful heavy duty Universal ball bearing motor.
- Genuine Jacobs' key chuck.

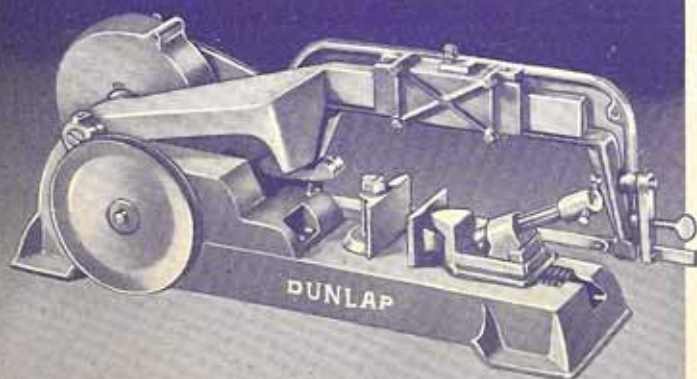
\$39.95
1/4-in.

Special shop drill that is light in weight but powerful and efficient. A great favorite where ease in handling is an important consideration. One of the finest drills in its class. Will not stall when used with maximum size drill specified in table below. Heat treated special alloy steel gears actually improve with use. Armature and chuck spindles run on precision ball bearings; sealed in oil for life against dirt and grit. Fully enclosed, Underwriters approved trigger switch; may be locked for continuous operation. For 110-120-volt A.C. or D.C. 12-foot 3-wire safety covered cord with plug.

Catalog Number	Max. Size Drill	No Load Speed	Length, inches	Shpg. Wt.	Price
9 PT 2574	1/4 in.	1800 R.P.M.	12	7 lbs.	\$39.95
9 PT 2582	3/8 in.	1000 R.P.M.	14	10 lbs.	45.95



DUNLAP AUTOMATIC POWER HACK SAW



Heavy duty—built for steady service

SPECIFICATIONS

Over-all Height	10 1/2 in.
Over-all Width	8 in.
Over-all Length	29 1/2 in.
Capacity at 90°	4x4 in.
Speed (medium steel)	435 R.P.M.
Strokes per minute	60 S.P.M.
Length of Stroke	5 in.
Motor Recommended	1/2-H.P., 1750 R.P.M.
Machine Pulley (Supplied)	6 1/2 in.
Motor Pulley (Not Supplied)	1 1/2 in.
Mounting Dimensions	5 1/4 x 19 1/8 in.

\$33.95

For Sears Easy Terms See Inside Front Cover

- Maximum capacity, 4x4-in. at 90°.
- Makes angle cuts 90° to 45°.
- Cuts iron, steel, plastics, etc.
- Oversize bronze bearings for smooth operation and long life.

This sensational work saver now more valuable than ever! Reduces operating costs—speeds up production—relieves valuable help of tedious work! Fully automatic in action. Set the work in place—turn a switch—the saw makes the cut while the operator does other work.

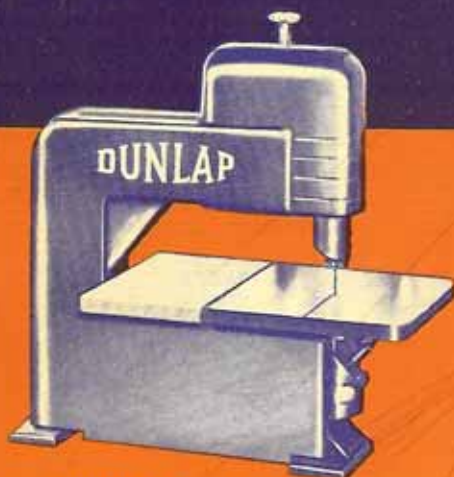
Draw cut type. Automatic relieving mechanism lifts blade from work on the back stroke, thus increasing life of blade. Quick-locking vise holds work firmly. Takes any standard power hack saw blade; one blade included. Shpg. wt., 80 lbs.

99 PTM 2294.....\$33.95

9 PT 6582—Extra CRAFTSMAN 12x3/8-in. blades for above saw. 14 or 18 teeth to the inch. State choice. Shpg. wt., 1 oz. Each..... 69c

**YOUR CHOICE
OF ANY TOOL
ON THIS PAGE**

**\$19⁹⁵
EACH**



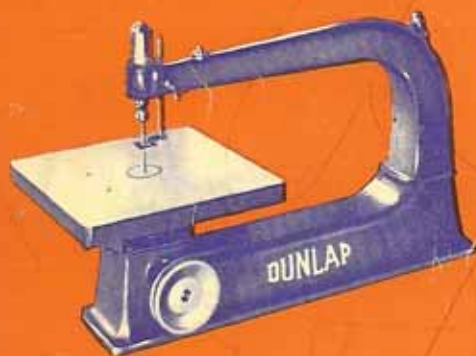
99 PTM 2334—DUNLAP 3-Wheel Band Saw. 12-in. throat. Page 6



99 PT 02170—DUNLAP 7-in. Bench Saw. Table size, 12 $\frac{1}{2}$ x16 $\frac{3}{16}$ in. Page 1



99 PTM 2376—DUNLAP Drill Press, less motor. $\frac{1}{2}$ -in. capacity. Page 22



99 PT 02267—DUNLAP Jig Saw. 18-in. throat. Page 10



99 PT 01956—CRAFTSMAN $\frac{1}{2}$ -H. P. Condenser Motor. 1750 R.P.M. Page 20



99 PT 02317—DUNLAP Shaper. Table, 15 $\frac{1}{4}$ x10 $\frac{1}{2}$ in. Page 13



99 PTM 2287—DUNLAP 4-in. Jointer-Planer. Page 12



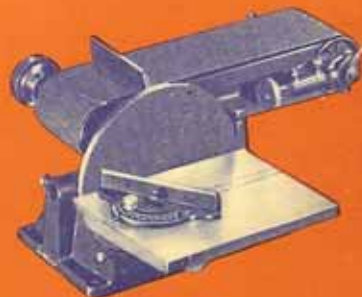
99 PT 02616—DUNLAP $\frac{1}{4}$ -H.P. Ball Bearing Grinder. Page 21



9 PT 2652—CRAFTY Rotary Electric Tool with accessories. Page 14



99 PTM 2019—DUNLAP Lathe. 9-in. swing; 30-in. centers; 44-in. bed. Page 17



99 PTM 2213—DUNLAP Combination 4-in. Belt and 8-in. Disc Sander. Page 8

SEARS, ROEBUCK AND CO.