

CRAFTSMAN

REG. U. S. PAT. OFF.

POWER TOOLS

1942 MODELS

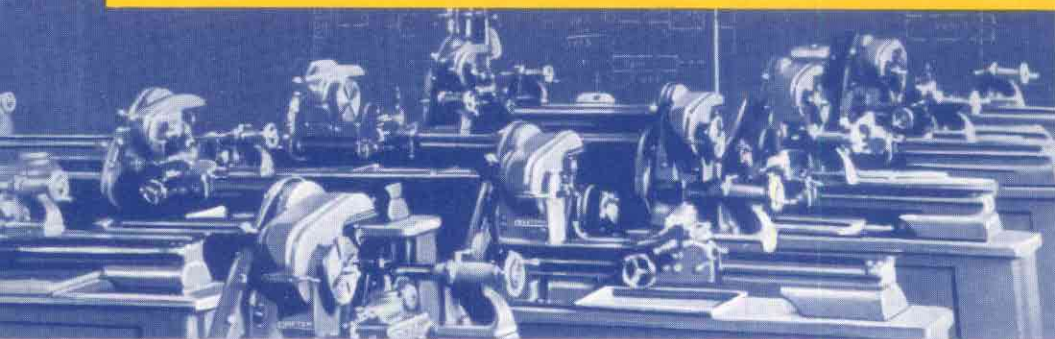


SEARS, ROEBUCK AND CO.

Satisfaction Guaranteed or Your Money Back

CRAFTSMAN POWER TOOLS

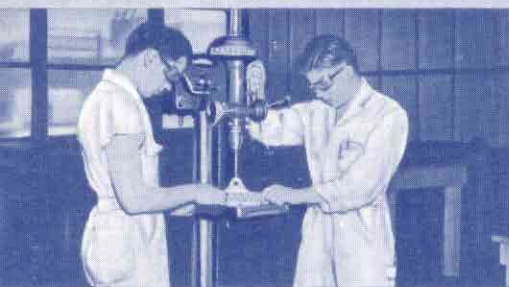
AID IN AMERICA'S DEFENSE



CRAFTSMAN power tools are playing an important part in building up America's defense . . . in great airplane plants . . . in many defense industries . . . in big industrial schools.

The photographs on this page show CRAFTSMAN tools being used in several industrial schools where workers in defense 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!



4 Easy Ways to Shop at Sears and Save



At Home by Mail

1 Pick out the tools you want from this catalog. Fill out the order blank. Mail it to Sears nearest Mail Order House, with your remittance. That's all there is to it; your shopping is done! Sears guarantee satisfaction.



At Home by Telephone

2 Pick out the tools you want from this catalog. Then call the Telephone Order Department at Sears nearest retail store. We'll send your order C.O.D. You'll always find this a quick, convenient way to buy.



At Catalog Order Desks

3 You'll find one in every Sears store or in Sears catalog order offices. Courteous clerks will gladly assist you in filling out your order. You save letter postage and check or money order fees.



In Sears Retail Stores

4 Here you get all the important advantages of retail service! Competent sales people to serve you . . . over-the-counter buying . . . home delivery . . . courteous personal attention and prompt service.

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

The low prices in this catalog will be maintained if possible. However, because of the uncertainty of raw material markets we cannot guarantee to maintain the prices shown.

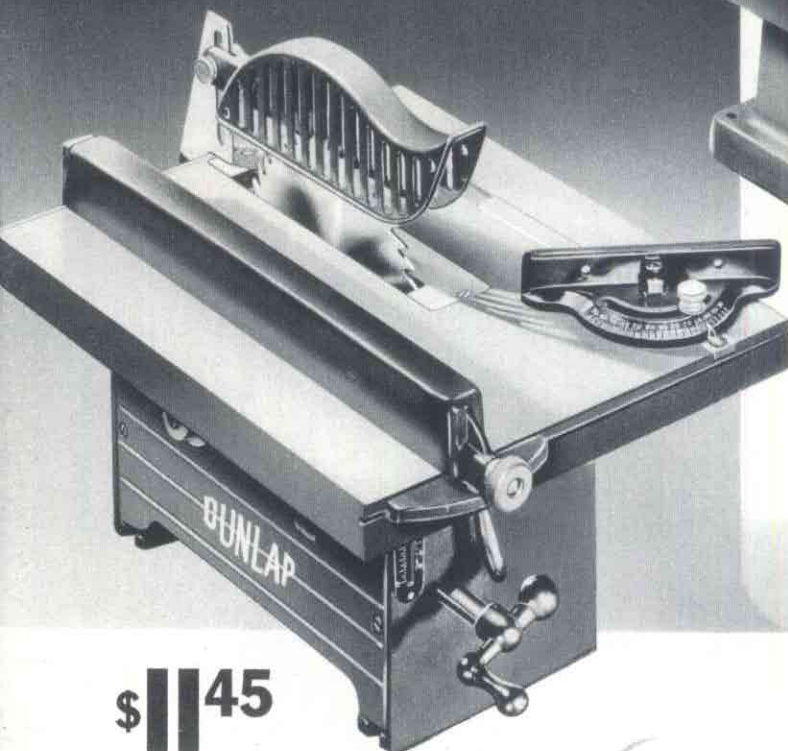
Furthermore, should the Federal Government or any State find it necessary to increase by taxes or otherwise the cost or selling price of any of the merchandise described in this catalog, we reserve the right to add any such taxes or other increases of cost or selling to the prices shown in this catalog.

Deliveries. Defense industry orders may cause delay in some shipments. Priority orders will, of course, be handled first but we will do our best to maintain prompt service to all customers.

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.

Easy Terms. If you wish to use Easy Terms at one of our retail stores, ask for information about our Easy Payment Plan. For mail orders, refer to your Sears General Catalog for Easy Terms information.

DUNLAP BENCH SAWS



\$145

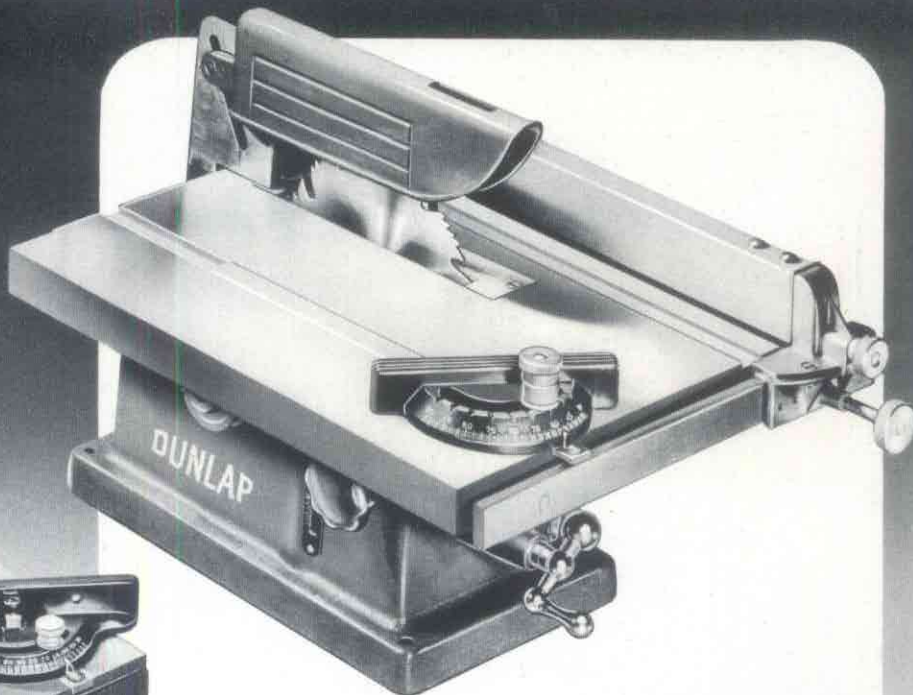
DUNLAP 7-INCH BENCH SAW

- 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 \$11.45



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.



\$1775

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 \$17.75

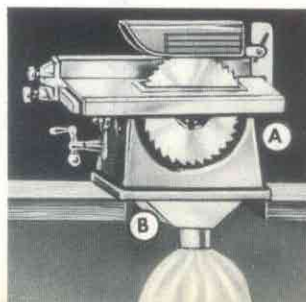
SPECIFICATIONS

	99PT02169	99PT02170
Over-all Height	11 1/2 in.	14 1/2
Over-all Width	10 1/2 in.	12 1/4 in.
Over-all Length	16 1/2 in.	21 in.
Blade	7 in. Combination	7 in. Combination
Depth of Cut	2 1/4 in.	2 1/2 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 1/2 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.
Recommended Mounting	99PT02749 stand	99PT02749 stand
Mounting Dimensions	4 3/4 x 9 3/4 in.	6 3/4 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 1/2 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 1/2 inches long. Shpg. wt., 7 lbs. 8 oz.

9 PT 2174 \$5.25

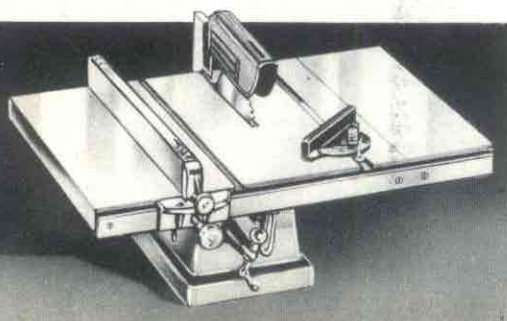


Dust Collecting Outfit

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 2246 \$1.50

POWER TOOL I

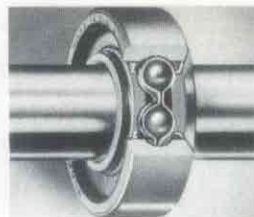


CRAFTSMAN
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8-INCH BENCH SAW



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—an exclusive process which insures a very high degree of precision and accuracy.



Only a Few Dollars Down on 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. 8 in. Bore ½ in. Type Comb.	
Depth of Cut	2½ in.
Distance in Front of Blade..... (With Extensions)	8 in. 13½ in.
Bearings	2; Craftsman ball bearing
Table Size	15¼x18½ in.
Table Size, With Extensions (Ex- tensions not in- cluded)	26½ x 24¾ in.
Speed Recom- mended	4500 R.P.M.
Motor Recom- mended	99 PT 05587 or 99 PT 01970 ½ or ¾-H.P., 3450 R.P.M.
Machine Pulley (Supplied)	2 in.
Motor Pulley (Not Supplied)	2½ in.
Recommended Mounting	Machine stand, 99 PT 02745
Mounting Dimen- sions (Center to center of holes in base)	8¾ x 13¾ in.

\$31.95

- 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 15¼x18½ 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

accurately grooved for miter gauge.

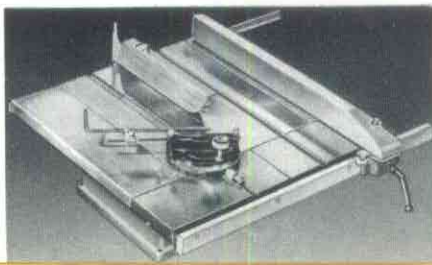
Miter gauge has indexing device with stops for important angular positions; also has stop rods for repetitive cut-offs. The automatic leveling double-pivot guard costs us much more than an ordinary guard, but it is far more efficient. All controls are conveniently grouped together and are equipped with accurate gauges—indicating depth of cut, depth of dado cut, angle of tilt of table, angle of miter gauge, and width of rip. Complete with miter gauge, fence, splitter, and double pivot guard. Shipping weight, 95 pounds.

99 PTM 2195..... **\$31.95**

Handy Extension Tables

For bench saw 99PTM2195 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; support bars, bolts and fittings. Gives a total working surface of 26½x24¾ inches.

99 PT 02233—Shpg. wt., 31 lbs.....**\$10.45**

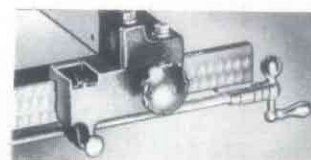
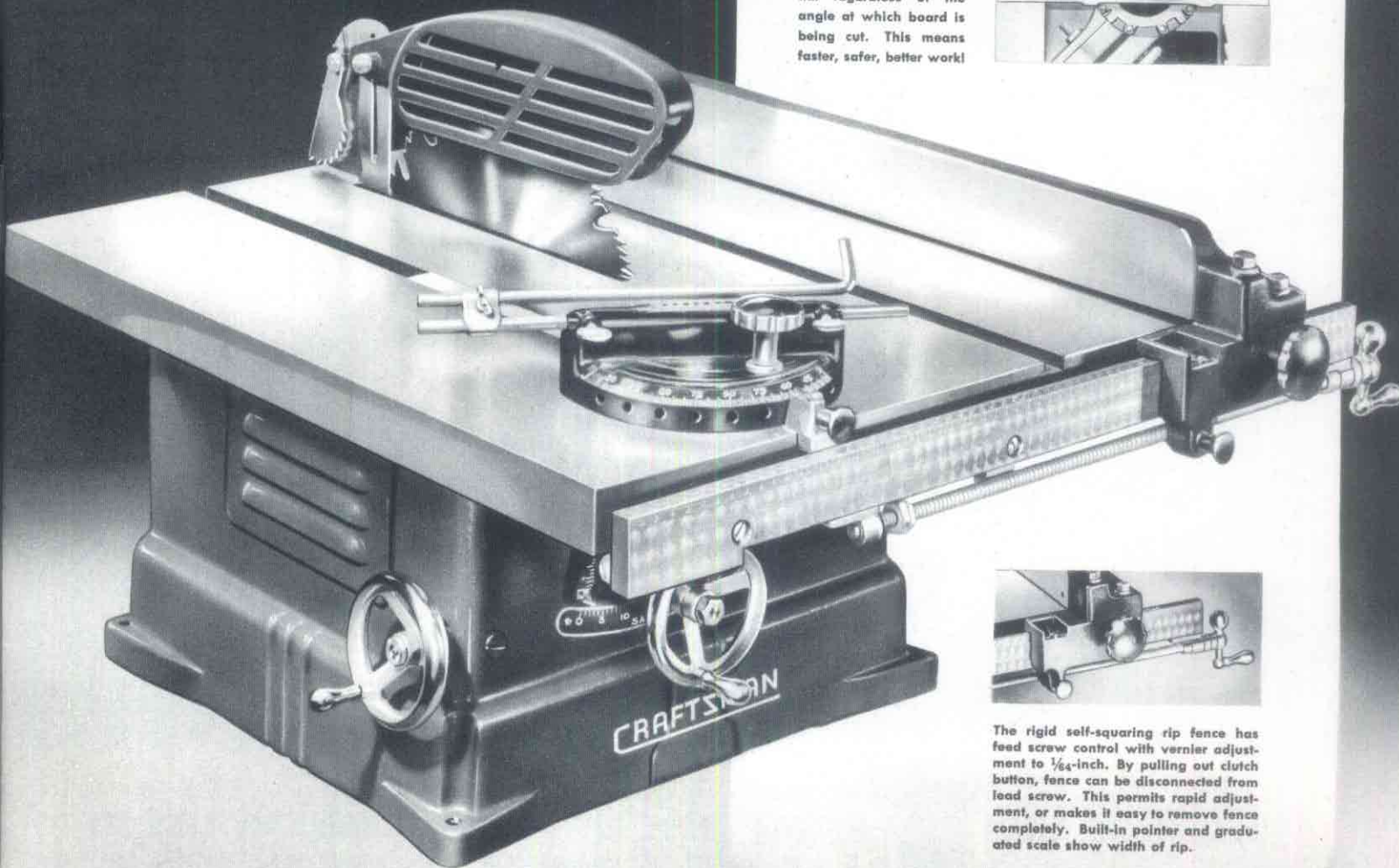
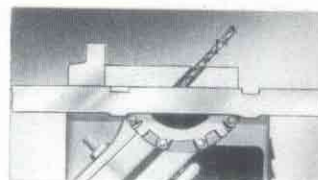


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TILTING BLADE SAW

It's MUCH easier to cut a board at an angle on this tilting blade saw! Table is never tilted! Work lies flat regardless of the angle at which board is being cut. This means faster, safer, better work!



The rigid self-squaring rip fence has feed screw control with vernier adjustment to $\frac{1}{64}$ -inch. By pulling out clutch button, fence can be disconnected from lead screw. This permits rapid adjustment, or makes it easy to remove fence completely. Built-in pointer and graduated scale show width of rip.

THE TABLE IS ALWAYS LEVEL TO ASSURE FASTER AND BETTER WORK

SPECIFICATIONS

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

• Saw blade tilts to any angle up to 45°; can also be raised and lowered.

• Massive trunnions carry entire tilting device. Motor is counter-balanced for ease in operation. Belt is never twisted.

• Sealed and grease packed high speed precision ball bearings.

America's most popular tilting blade bench saw! By far the finest bench saw we have ever sold! Meets the rigid demands of professional craftsmen and industrial shops! Compare with saws selling for \$25.00 more elsewhere!

Blade and arbor are rigidly supported in a massive cradle on heavy trunnions. Angle of tilt and depth of cut positively controlled by easy-acting hand wheels. Built-in sawdust chute. Elevating gears enclosed by sawdust guards. Heavy, gray iron table is ground to a fine, smooth finish. Heavy duty indexed miter gauge with stop rods. Blade is finest CRAFTSMAN fancy tooth combination rip

and crosscut type. Gauges are provided on depth of cut, angle of blade, width of rip and angle of miter gauge. Table has removable insert. Tilting guard, splitter, rip fence, miter gauge, V-belt and motor pulley are all included at no extra charge. See specifications for motor recommended. Covered by Patent No. 2,121,069.

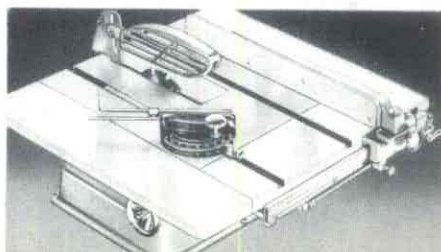
99 PTM 2236—8-inch Saw. Shipping weight, 150 pounds. **\$46.95**

99 PTM 2237—10-inch Saw. Shipping weight, 200 pounds. **\$63.95**

9 PT 2201—Table insert for dado sawing for either of above saws. 3¼x12½ inches. Shpg. wt., 8 oz. **\$1.29**

9 PT 2252—Indexing miter gauge. As supplied on above saws. ¾x¾-inch bar. Shpg. wt., 5 lbs. **\$3.10**

\$46⁹⁵
8-in.



Extension Tables For Large Work

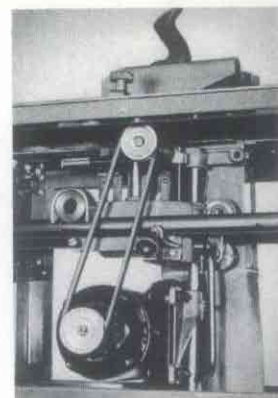
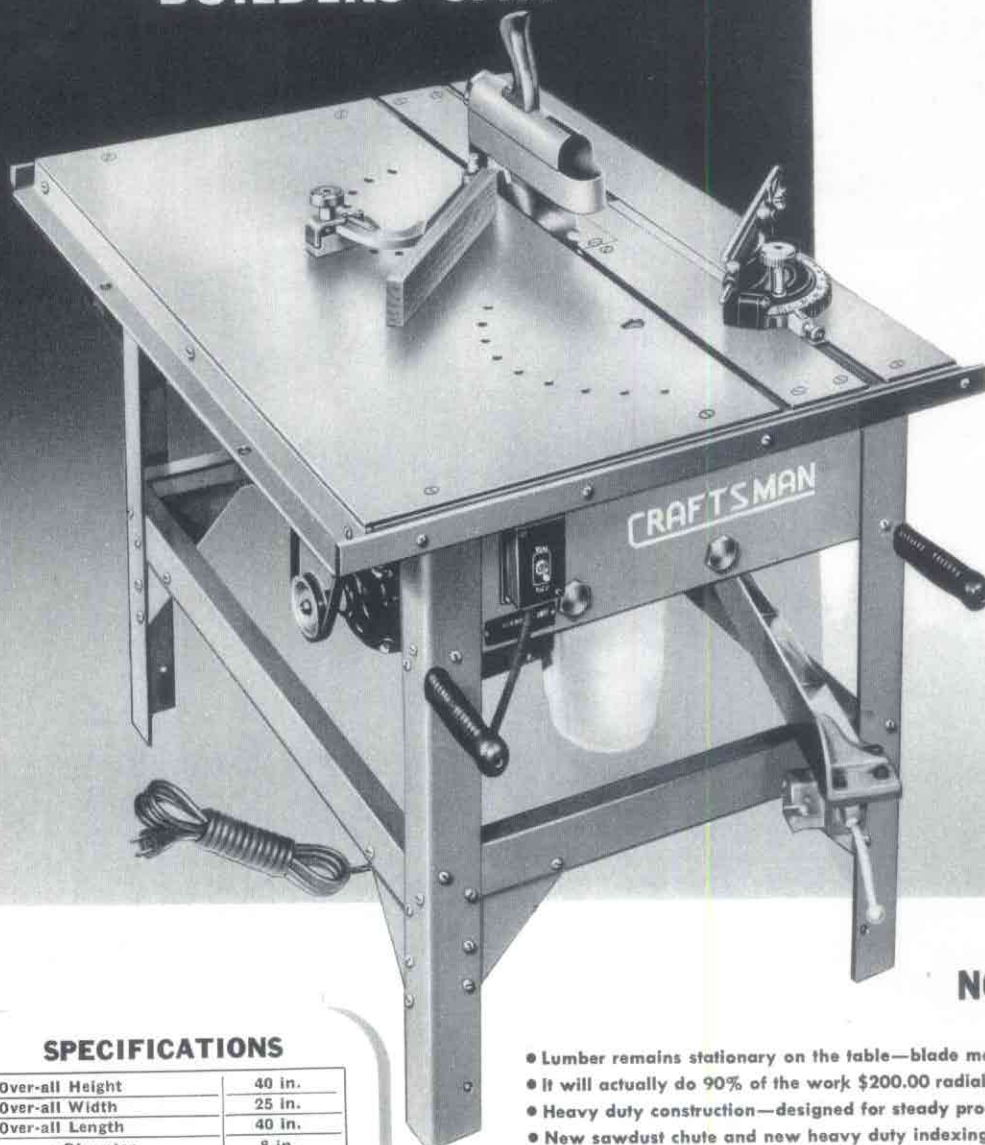
Front Extension. With fittings and wood rip fence facing. 9 PT 2208—For 99PTM2236 Saw. 6x16 in. Gives 15 in. in front of blade. Shpg. wt., 14 lbs. **\$5.25**

9 PT 2203—For 99PTM2237 Saw. 20x5 in. Gives 17½ in. in front of blade. Shpg. wt., 14 lbs. **\$5.75**

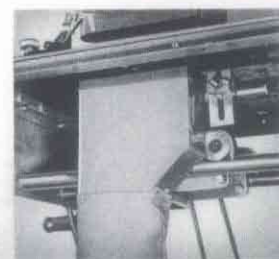
Side Extensions. For use only with front extensions above. Complete with long feed screw and graduated bar. 99 PT 02209—For 99PTM2236 Saw. 6x26 inches each. Shpg. wt., 37 lbs. Set of 2. **\$11.95**

99 PT 02204—For 99PTM2237 Saw. 7x32 inches each. Shpg. wt., 58 lbs. Set of 2. **\$14.95**

CRAFTSMAN BUILDERS' SAW



The blade, guard, arbor and motor are mounted on a rugged carriage which rolls smoothly on rollers equipped with needle bearings. There are rollers both above and below the track.



The new sawdust chute helps prevent sawdust from reaching the working parts of the tool, or collecting on the rails on which the carriage rolls. This assures smoother, more accurate performance and long, trouble-free service.

NO OTHER SAW LIKE IT!

\$49⁹⁵
Less Motor

SPECIFICATIONS

Over-all Height	40 in.
Over-all Width	25 in.
Over-all Length	40 in.
Blade { Diameter Bore Type	8 in. 1/2 in. Fancy tooth combination
Depth of Cut (Maximum)	2 1/4 in.
Distance in Front of Blade (At miter bar)	19 in.
Dado Capacity (Maximum)	3/4 in.
Table Size	34 1/2 x 22 in.
Bearings { Spindle Carriage Rollers	2 : Craftsman Ball Tinning Needle
Speed Recommended	4500 R.P.M.
Motor Recommended	3/4-H.P., Condenser 3450 R.P.M.
Machine Pulley Supplied	2 1/2 in.
Motor Pulley Supplied	3 in.
Clearance, Motor to Ground	15 in.
Maximum Carriage Travel	19 3/4 in.
Maximum Miter Cut	45 degrees in 2x12-in. stock
Miter Bar Stops	15° intervals over 120° range
Miter Gauge Stops	15° intervals over 120° range
Dadoing Capacity Lengthwise (guard removed—blade fixed)	Unlimited
Crosswise (with movable guard-carriage)	8 in.
Table Height	31 1/2 in.

Sears Easy Terms Make It Possible To Pay For This Saw While You Use It. See Inside Front Cover.

- Lumber remains stationary on the table—blade moves through it.
- It will actually do 90% of the work \$200.00 radial saws can do!
- Heavy duty construction—designed for steady production use.
- New sawdust chute and new heavy duty indexing miter gauge.

Patented! Exclusive with Sears! There is no other saw in the world like this great CRAFTSMAN Builders' Saw! And now we've made this 1942 model even better than ever! Now it comes complete with a sawdust chute and a heavy duty indexing miter gauge!

You know how hard it is to do accurate cut-off work on an ordinary circular saw when you must slide long, heavy lumber into the blade. But here, at last, is a moderate-priced saw on which the lumber remains stationary, and you move the blade through it simply by pulling the convenient handle toward you! All working parts are below the table—out of the way and protected against damage. Only guard and part of blade are above the table.

An ideal saw for contractors, builders, factories, shipping rooms, home shops, or for anyone handling large lumber. It's a perfect tool for cutting and ripping of all building materials—such as joists, rafters, sub-flooring, roof boards, siding, and all finish work. Also ideal for crating and hundreds of other uses.

Arbor is mounted on CRAFTSMAN precision ball bearings, packed in grease. 8-inch combination rip and crosscut blade gives up to 2 1/4-inch depth of cut. Depth of cut is easily adjustable and is shown by gauge.

While this saw is particularly handy on cut-off work, the blade may be locked in either of two positions for ripping. Detachable rip fence included.

Now equipped with both a removable miter bar and a removable miter gauge. The miter bar is especially useful for miter cuts on large work when the blade is pulled through the work. Permits angle cuts from 90° to 45° in either of two positions—is calibrated in 15° steps—has vernier adjustment for other angles. The new heavy duty miter gauge is especially useful for miter cuts on smaller work when the blade is locked in position. Has indexing device with stops for important angular positions—also has stop rods for repetitive cut-offs.

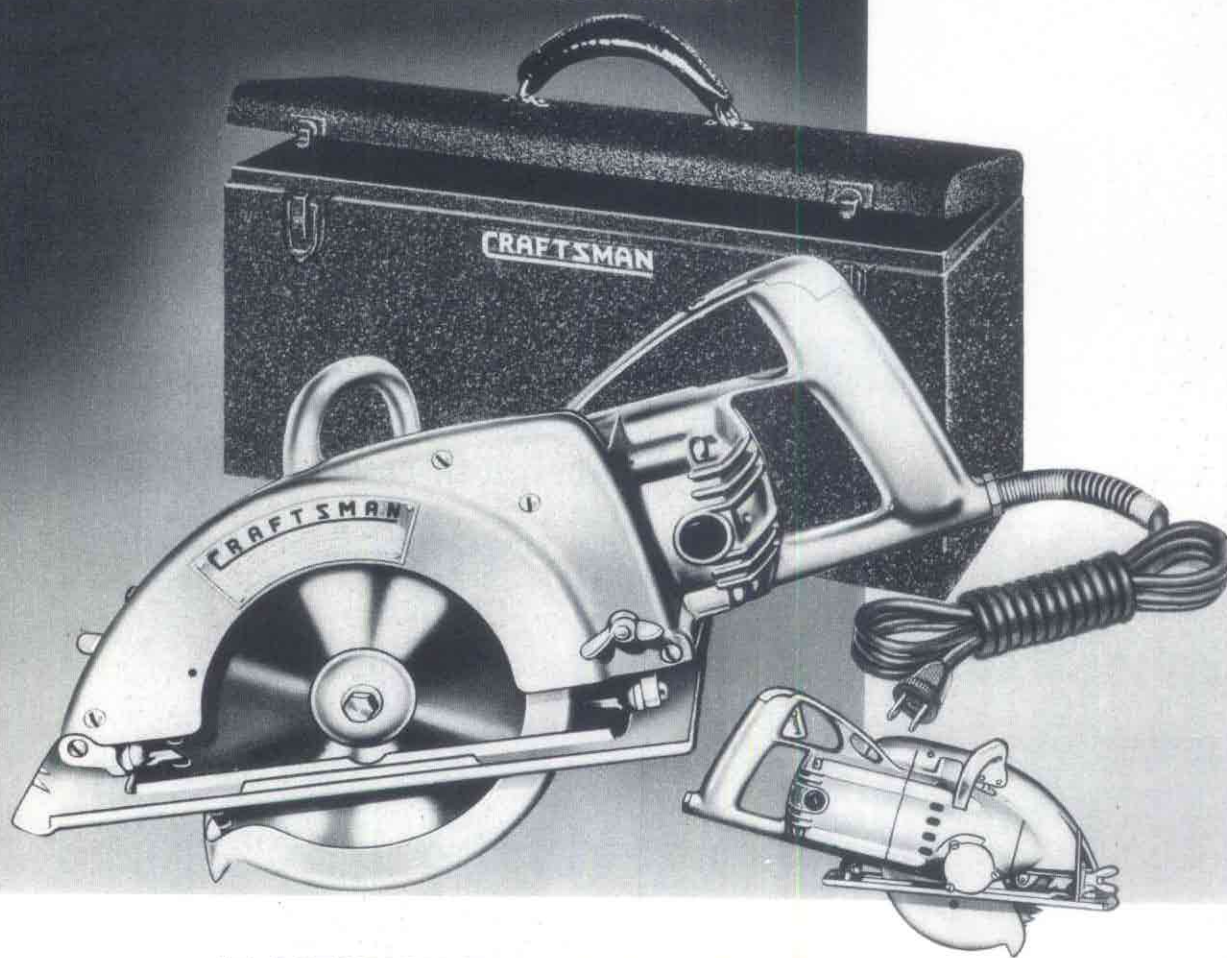
Extra large steel table is 34 1/2 x 22 in. Board extensions may be added for cutting off exceptionally long work. The table has a removable insert for dadoing. Guard has open front which makes cutting edge of blade visible for greater accuracy in lining up cut. The guard is removable for grooving, and is adjustable in height.

The entire unit is designed for easy portability. Legs and motor are removable for transportation. Rigid steel frame has handles to make moving easy. Motor pulley and V belt included. Patent No. 2247314. Other U. S. and foreign patents pending.

99 PTM 2261—Without motor. Shipping weight, 185 pounds..... \$49.95

99 PTM 2262—With 3/4-H.P. 3450 R.P.M. condenser motor 99PT01970 (on Page 42). Shipping weight, 240 pounds..... \$77.95

CRAFTSMAN ELECTRIC HAND SAW



For notching or cutting rafters, making flooring joists or perfect-fitting compound miter cuts in double-quick time.



Saves time! The 2 3/8-inch depth of cut permits cutting several pieces to the exact size at one time.



It is much easier to cut large plywood panels with the CRAFTSMAN electric hand saw. It goes to the job!

IT ACTUALLY WILL CUT 10 TIMES FASTER THAN HAND SAWING!

SPECIFICATIONS

Over-all Height	9 1/2 in.
Over-all Width	7 in.
Over-all Length	18 in.
Net Weight	18 lbs.
Blade Size	7 in.
Depth of Cut { Vertically { At 45°	2 3/8 in. 1 3/4 in.
Bearings	Precision ball on all spindles
Free Speed of Blade	3200 R.P.M.
Motor	Universal for 110-120 volt A.C. or D.C.
Switch	Double pole, enclosed
Guard	Automatic telescoping
Blower	Built-in; keeps saw-dust off line
Base Adjustment { For Depth of Cut { For Angle of Cut	3/4 to 2 3/8 in. 90° to 45°
Carrying Case { Gauge Steel { Size	20 7 1/4 x 9 3/4 x 21 in.

- Heavy duty construction throughout—built for steady production use.
- Grease packed precision ball bearings throughout for longer life.
- Base adjustable for depth of cut; tilts any angle up to 45 degrees.
- Tough alloy steel blade—for ripping, crosscutting, or mitering.

\$89⁹⁵
Cash

A production tool designed for the speed and ruggedness demanded on present construction work. We've made careful comparisons, and sincerely believe this saw is the finest of its type in America! We think you'll agree it's \$120.00 worth of tool in every way!

Ideal for contractors, carpenters, maintenance men, builders, production men, home craftsmen, etc. It's the modern way to build—eliminates almost all tedious hand sawing—speeds up work—cuts down labor costs. Will pay for itself many times over in savings of time and labor alone. **One contractor said a saw like this saved him \$20.00 a day!**

Designed and built for steady production work—for day after day of continuous service. **So powerful, it will rip a 2-in. plank, 12 ft. long, in 35 seconds!**

Finest alloy steel 7-in. combination

blade; cuts a dressed 2x4 at 45°. Base adjustable for depth and angle of cut. Only precision ball bearings are used; accurately mounted on precision-ground chrome nickel steel shafts. **Lubrication at one point greases all bearings.**

Heat treated multiple thread worm (accurate to 2/10,000 in.) and gear. Telescoping guard rotates on ball bearings and automatically covers blade edge for maximum protection. Blower built in housing keeps saw dust off line. **Powerful motor is universal type for 110-120 volt A.C. or D.C.**

Frame is cast from aluminum alloy in steel dies for light weight and perfect alignment. Complete with blade, heavy 10-ft. rubber covered cord with unbreakable plug, socket wrench, tube of lubricant and heavy-gauge all-steel carrying case. Shpg. wt., 35 lbs.

99 PT 02186.....\$89.95

Ripping Guide

A very convenient and accurate guide for ripping lumber to a uniform width. It fastens directly on 99PT02186 Electric Hand Saw. Shipping wt., 1 lb.
9 PT 2147...\$1.45

Crosscut Guide

Serves as a guide to help you do fast and accurate crosscutting with the CRAFTSMAN electric hand saw listed and shown above. Shipping weight, 1 lb. 4 oz.
9 PT 2149...\$2.75

CRAFTSMAN Circular Saw

7-in. combination saw for electric hand saw 99PT-02186. For ripping, crosscutting or mitering. Hand set and filed. Shpg. wt., 12 oz.
9PT4935...\$2.50

CRAFTSMAN

Cut-Off Wheel

Makes it possible to use the above saw for cutting concrete, tile, cast iron, granite, etc. 7-inch diameter. 1/4-inch thick. Shipping weight, 8 oz.
9 PT 6474...\$1.35

POWER TOOL...5

A SAW FOR EVERY JOB



\$235
6-in.
CRAFTSMAN

\$135
6-in.
DUNLAP

\$210
6-in.
CRAFTSMAN

\$155
6-in.
DUNLAP

\$125
6-in.
FULTON

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

CRAFTSMAN and DUNLAP WORKSHOP SAWS

CRAFTSMAN. Check savings! See prices others ask for similar quality in table below! 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.

Diam., In.	Gauge	Center Hole, In.	Rev. Per Minute	Shpg. Wt.		Others Ask	CRAFTSMAN	
				Lbs.	Oz.		9 PT 4925—Crosscut	9 PT 4926—Rip
6	18	1/2 or 3/4	5000	8		\$2.64	\$2.35	\$2.35
7	17	1/2 or 3/4	4750	13		3.15	2.89	2.89
8	17	1/2 or 3/4	4500	1		3.52	3.10	3.10
10	16	3/4 or 1	3600	1	12	4.48	3.79	3.79
12	15	3/4 or 1	3000	2	11	5.60	4.59	4.59

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

Diam., In.	Gauge	Center Hole, In.	Rev. Per Minute	Shpg. Wt.		Others Ask	DUNLAP	
				Lbs.	Oz.		9 PT 4911—Crosscut	9 PT 4913—Rip
6	18	1/2 or 3/4	5000	10		\$1.35	\$1.35	\$1.35
7	17	1/2 or 3/4	4750	13		2.10	1.59	1.59
8	17	1/2 or 3/4	4500	1		2.25	1.85	1.85
10	16	3/4 or 1	3600	1	12	2.65	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 50c 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. Check savings! See prices others ask for similar quality in table below! 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.

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

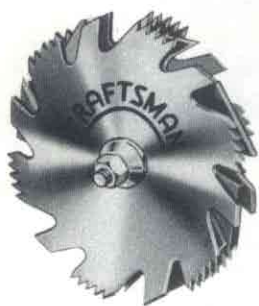
FULTON. Low priced saw for general use. Set and filed.

State hole size and diameter. For special hole sizes see left below.

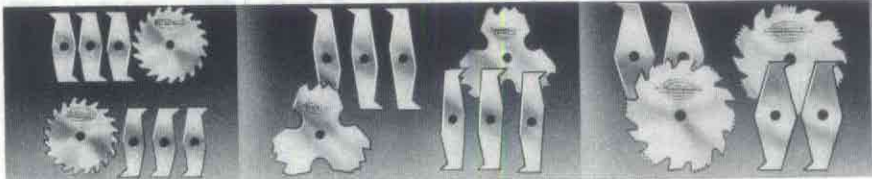
Diam., In.	Center Hole, In.	Rev. per Minute	Shpg. Wt.	Others Ask	CRAFTSMAN 9 PT 4937	DUNLAP 9 PT 4915	FULTON 9 PT 4938
6	1/2 or 3/4	5000	8 oz.	\$2.64	\$2.10	\$1.55	\$1.25
7	1/2 or 3/4	4750	13 oz.	3.15	2.55	1.79	1.49
8	1/2 or 3/4	4500	1 lb.	3.52	2.89	2.10	1.75
10	3/4 or 1	3600	1 lb. 12 oz.	4.48	3.60	2.49
12	3/4 or 1	3000	2 lbs. 9 oz.	5.60	4.19

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 3/4	8 oz.	\$3.45
7	15 to 18	1/2 or 3/4	12 oz.	4.10
8	15 to 18	1/2 or 3/4	1 lb.	4.69
10	14 to 17	3/4 or 1	1 lb. 10 oz.	5.95
12	13 to 16	3/4 or 1	2 lbs. 9 oz.	6.85



Above view shows dado saw when assembled. Makes your bench saw MUCH more useful. You'll be able to do dading, 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 saws, 6 chippers. 1/2-in. hole. Shipping weight, 15 oz. **\$2.85**
9 PT 4883—Outside dado saw only. Shipping weight, 6 ounces **79c**
9 PT 4880—Inside chipper only. Shipping weight, 3 ounces **37c**

DUNLAP 5 1/2-in. Dado Saws

9 PT 4888—Two 1/2-in. thick outside saws; six 1/2-in. thick chippers. 1/2-inch center hole. For saws on Pages 1, 2 and 4. Shipping weight, 1 pound 10 oz. **\$3.75**
9 PT 4889—As above, but 3/4-in. center hole. For saws on Page 3. Shpg. wt., 1 lb. 8 oz. **\$3.75**

Specify 1/2 or 3/4-in. hole on items below.

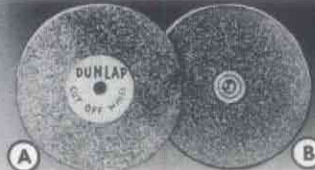
9 PT 4884—Outside saw only. Specify hole (see above). Shpg. wt., 9 oz. **\$1.29**
9 PT 4881—Inside chipper only. Specify hole (see above). Shpg. wt., 3 oz. **47c**

CRAFTSMAN 6-in. Dado Saws

Two 1/2-inch thick outside saws, one 1/4-inch chipper, two 1/2-inch chippers, one 1/4-inch chipper. Shipping weight, 3 lbs. 8 oz. **\$10.25**
9 PT 4874—1/2-in. hole **\$10.25**
9 PT 4875—3/4-in. hole **\$10.25**

Specify whether 1/2 or 3/4-inch hole on items below. Shipping weight, each, 8 ounces.

9 PT 4876—Outside saw. **\$3.19**
9 PT 4877—1/2-in. chipper. **95c**
9 PT 4878—1/4-in. chipper. **\$1.45**
9 PT 4879—1/2-in. chipper. **1.65**

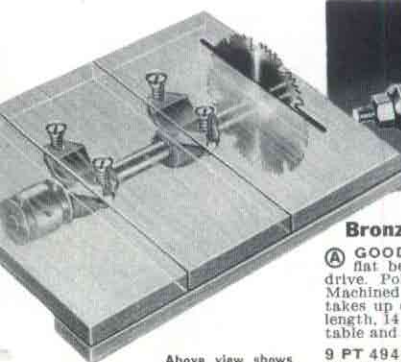


DUNLAP Cut-Off Wheel

A An 8-inch metal cut-off wheel. Ideal for cutting metal, glass, tile, etc. 1/2 inch thick. Rubber bonded for safety at high speeds. State 1/2 or 3/4 inch bore. **\$1.15**
9 PT 6470—Shpg. wt., 2 lbs. **\$1.15**

Sanding Wheel and Discs

B An 8-inch steel sanding disc. State 1/2 or 3/4-inch bore. **\$3.45**
9 PT 2272—Shpg. wt., 4 lbs. **\$1.98**
Six 8-in. sanding discs for above wheel. Coarse, medium, fine. **49c**
9 PT 2273—Shpg. wt., 10 oz. **49c**

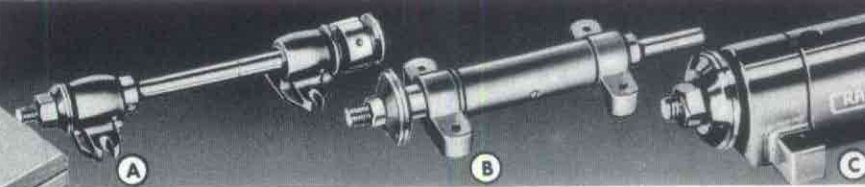


DUNLAP

Bronze Bearing Mandrels

A GOOD. 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, 3/4-in. shaft, 1/2-in. at ends. Shpg. wt., 7 lbs. **\$2.29**
Size 0, 3/4-in. shaft, 3/4-in. at ends. Shpg. wt., 8 lbs. **2.49**

6 . . SEARS, ROEBUCK AND CO.



DUNLAP

Ball Bearing Mandrel

B BETTER. Equipped with precision ball bearings, fully enclosed to protect them from dust and dirt. Zerk fittings for positive lubrication. Machined steel collars. 3/4-inch ground and polished steel shaft turned down to fit 1/2, 3/4 or 1-inch saw holes. Overall length, 10 1/2 inches. Use 3/4-inch bore pulleys listed on Page 45. Shipping weight, 6 pounds. **\$3.95**
9 PT 4941



CRAFTSMAN

Ball Bearing Mandrels

C BEST. Use horizontally or vertically. Precision ball bearings, grease sealed to protect them against dirt. Pillow blocks rotate to any angle. Dual drive pulley included. Steel collars. Zerk fittings.

9 PT 4943—State size.

Size	Shaft	Length	Shpg. wt.	Price
00	1/2 in.	10 1/2 in.	9 lbs.	\$5.95
0	3/4 in.	12 1/2 in.	10 lbs.	8.75
1	1 in.	12 1/2 in.	12 lbs.	8.50

"The Bench Saw and Jointer"

D NEW—complete! Helps you to select your tools and get the most out of them. Over 100 sawing and jointing operations described and illustrated. 32 pages, with diagrams, photographs, tables. A CRAFTSMAN power tool handbook. Shipping weight, 4 oz. **\$1.98**
9 PT 2923

DUNLAP
REG. U. S. PAT. OFF.

WORK BENCHES



\$8⁹⁵

STANDARD UTILITY WORK BENCH

Don't be misled by this low price! Equal to benches selling for much more elsewhere! Only Sears tremendous buying power makes this money-saving offer possible! Similar to bench at right but without drawer and vise, and with slightly lighter legs. Legs, 1 $\frac{13}{32}$ inches thick, 4 $\frac{1}{2}$ inches wide. Ideal for most general work. Kiln dried lumber throughout—carefully milled and fitted. Top, 26 inches by 6 feet. Height to table top, 32 inches. Overall height, 39 inches. Top is 1 $\frac{13}{32}$ inches thick. Actual weight, 106 pounds. Shipped unassembled, but with all nails and instructions for quick, easy assembly.

99 PTM 2716—Shipping weight, 110 pounds..... \$8.95



\$11⁹⁵

HEAVY DUTY WORK BENCH

The most popular work bench we have ever sold—and no wonder! It's massive... rugged... sturdy! Actually weighs 134 pounds! Built for long, hard service and complete satisfaction. Size of top, 26 inches by 6 feet. Height of working surface, 32 inches. Overall height, 39 inches. Top is full 1 $\frac{13}{32}$ inches thick! For power tools... for any woodworking purpose... for general repair work around the home. Power tools run more smoothly and quietly, do a better job when mounted on its solid top and husky, rigid legs.

Every piece of lumber is kiln dried, accurately sawed and fitted. Legs are very rigidly braced. Has big, easy-sliding drawer. Complete with large capacity woodworking vise with bench screw and heavy wood handle. Shipped unassembled to save you freight charges, but easily assembled—all you need is a hammer! We ship bench complete, to the last nail! Instructions included.

99 PTM 2721—Shipping weight, 135 pounds..... \$11.95

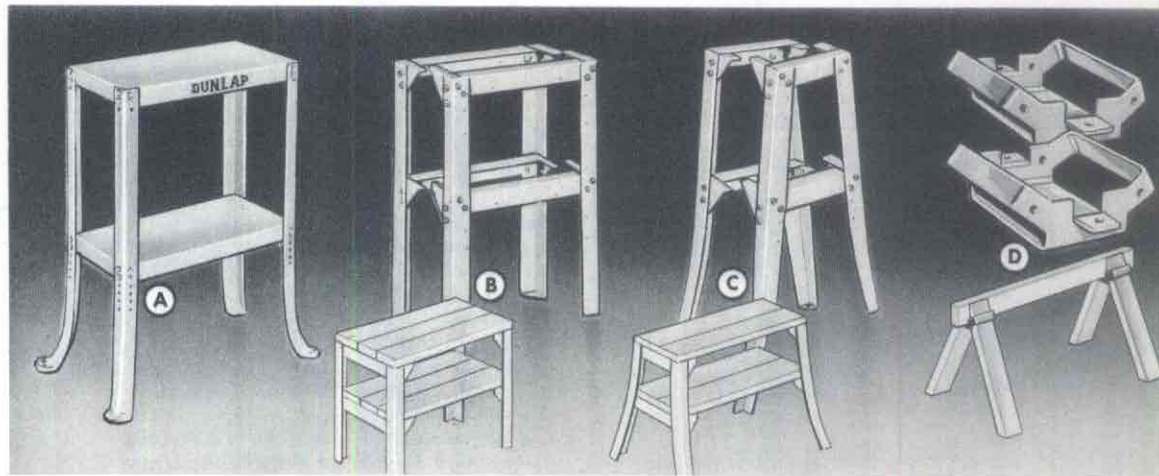


\$4⁴⁵

Wood Machine Stand

Schools, woodworking, cabinet and pattern shops and home craftsmen everywhere will take advantage of this money-saving buy! Selected long grain Douglas Fir. Every piece kiln dried, sawed and fitted. Both bolts and nails are used in assembly for utmost rigidity. Width, 19 in.; length, 25 in.; height, 29 in. Top is 1 $\frac{13}{32}$ in. thick. Legs are 2 $\frac{1}{4}$ in. square. Apron and shelf are cut from $\frac{3}{4}$ -in. thick wood. Built-in lower shelf to hold motor or tools. Power tools run smoothly, quietly on this wood stand. Particularly good as a mounting for jig saws and bench saws. Packed flat for shipping; easy to assemble. Holes drilled for bolts at important points. Bolts, nails, and simple, easy-to-follow instructions for setting up included.

99 PT 02749—Shipping weight, 47 pounds..... \$4.45



Steel Machine Stand

(A) Heavy gauge steel. Top and shelf adjustable. Shipped flat, very easily assembled.

99 PT 02743—Top, 10x21 in. Height, 29 in. For 2-wheel or 3-wheel 12-in. band saws. Shipping weight, 32 pounds..... \$5.95

99 PT 02744—Top, 10x21 in. Height, 31 in. For use with most other power tools except jig saw on Page 12, jointer on Page 15, or bench saws on Pages 2 and 3. Shpg. wt., 33 lbs..... \$5.95

99 PT 02745—Top, 10x34 in. 31 in. high. For 24-in. jig saw, 6-in. jointer, and 99 PTM 2195 bench saw on Page 2. Shpg. wt., 36 lbs..... \$7.45

99 PT 02746—Top 16x21 inches. Height, 27 in. For use with 8-in. bench saw 99 PTM 2236 on Page 3. Shpg. wt., 39 lbs..... \$7.45

99 PT 02747—Top, 19x25 inches. Height, 25 in. For use with 10-in. bench saw 99 PTM 2237 on Page 3. Shipping weight, 46 pounds..... \$8.45

Set of Ball Bearing Casters for Above Stands
9 PT 2736—Shpg. wt., 1 lb. 5 oz. 4 for..... \$8.00

Steel Work Bench Legs

(B) (C) Now you can build your own work bench to any length you want. It's easy to do and gives you a bench that will stand rigidly, free from vibration—assuring best results with your power tools. The top bar is punched for convenient attaching of boards. Legs and cross bars are punched for installing a lower shelf; furnishes a storage place for tools, etc. Work bench type legs are most generally used for making a regular width work bench. Overall height, 31 in., overall width, 20 in. Use the lathe-type legs for making a lathe bench. Overall height, 32 in., overall width, 10 $\frac{1}{4}$ in. In making the top, 1 $\frac{1}{2}$ -in. or 2-in. boards are recommended for best results with either type. Set includes 2 pairs of legs. Wood parts not included.

(B) 99 PT 02722—Set of work bench legs. Shipping weight, 25 pounds..... \$4.95

(C) 99 PT 02735—Set of lathe bench legs. Shipping weight, 25 pounds..... 4.95

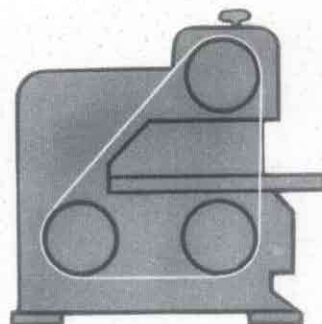
Steel Joints

(D) Make your own sawhorses quickly and easily—set up tables, plat-forms, etc. Made of heavy gauge steel. All joints are electrically welded into one solid unit for extra strength and extra rigidity. Wedge shaped design enables these joints to stand a tremendous amount of weight. The more weight applied, the tighter the frame becomes. Quickly dismantled. May be used again and again. All you need is a set of joints and lumber. Designed for use with 2x4 lumber. Lumber not included. Shipping weight, 3 pounds.

9 PT 2889
Set of 2 joints..... \$1.19

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

DUNLAP



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

Sears Easy Terms make it easy to buy the tools for a complete power tool workshop—all at one time. . . See Inside Front Cover.

YEARS AHEAD! NO OTHER BAND SAW LIKE IT!

\$1775

- 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! (Patent applied for.) 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. . . . \$17.75

SPECIFICATIONS

Over-all Height	22½ in.
Over-all Depth	10 in.
Over-all Width	22¾ in.
Width of Blade	¼ 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	¾-H.P., 1750 R.P.M. Condenser
Machine Pulley Supplied	4-in. diam.
Motor Pulley (Not Supplied)	2-in. diam.
Recommended Mounting	Stand, 99PT02743
Mounting Dimensions	16¼x4¾ in.

3-Wheel Band Saw Blades

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

9 PT 2336—Each. **95c**

8 . . SEARS, ROEBUCK AND CO.



CRAFTSMAN

HEAVY DUTY BAND SAW

\$34⁹⁵

- Extra safe, fully enclosed design.
- 2 precision ball bearings in dust-tight housings in each wheel.
- Will cut wood up to 6 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!

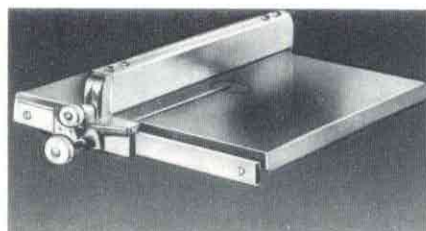
Rugged, heavy duty construction in every detail. Notice the enclosed design! It gives the saw a beautiful, sleek and streamlined appearance—but far more important, it makes it one of the safest band saws ever built! **All operating parts except the actual cutting edge of blade are completely covered 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 1/2 x 14-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. \$34.95



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 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.....\$2.95



CRAFTSMAN Band Saw Blades

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

For above band saw 99 PTM 2337. 80 in. long.
 9 PT 2623—For wood cutting. 1/8, 3/16, 1/4, 5/16 or 3/8-in. width. 98c
 9 PT 2624—For cutting brass, etc. 1/4-in. width. 98c
 9 PT 2625—Hard edge for cutting steel, etc. 1/4-in. width. 98c

For our old model 99 PTM 2304 Band Saw. 78 in. long.
 9 PT 2657—For wood cutting. 1/8, 3/16, 1/4, 5/16 or 3/8-in. width. 98c
 9 PT 2668—For cutting brass, etc. 1/4-in. width. 98c
 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 and you pay postage from there.

Width, inches	1/8	3/16	1/4	5/16	3/8	1/2	3/4	1	1 1/4	1 1/2
Shpg. wt., oz.	1 oz.	1 oz.	1 oz.	1 oz.	2 oz.	2 oz.	3 oz.	3 oz.	3 oz.	3 oz.
Per foot, cts.	9c	10c	11c	12c	14c	15c	20c	20c	24c	24c

SPECIFICATIONS

Over-all Height	35 in.
Over-all Width	23 1/2 in.
Over-all Depth	14 in.
Width of Blade (Standard Equipment)	1/4 in.
Length of Blade	80 in.
Depth of Cut	6 1/4 in.
Bearings	4; precision ball; (2 in each wheel)
Size of Wheels	12 1/2 in.
Table Size	12 1/2 x 14 in.
Table Size (With wood extension)	14 x 18 1/2 in.
Speed { R.P.M. Ft. per minute	700 R.P.M. 1870 F.P.M.
Motor Recommended	99 PT 01955 or 99 PT 01956, 1/2-H.P. or 1/2-H.P., 1750 R.P.M. Condenser type
Machine Pulley Supplied	5-in.
Motor Pulley (Not Supplied)	2-in.
Mounting Recommended	99 PT 02743, metal stand
Mounting Dimensions	5 7/8 x 13 1/2 in.

DUNLAP MAGNETIC JIG SAW



SELF CONTAINED . . . NO MOTOR TO BUY

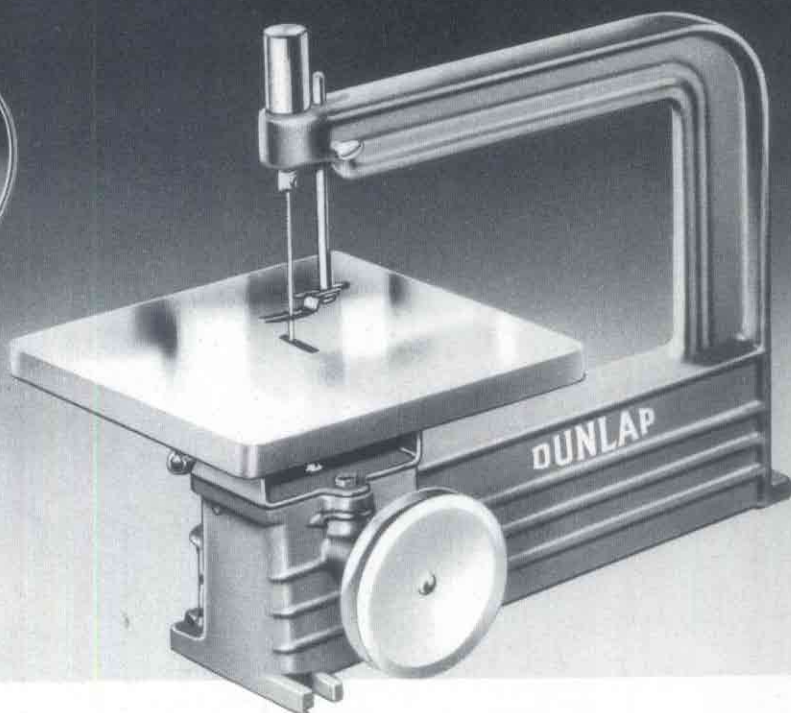
\$825 • Blade makes 7200 strokes per minute.
• Safe, high speed strokes for extra smooth cut . . . no sanding necessary.

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 $\frac{1}{4}$ -inch. Table size, 8x8 inches. Throat, 11 inches deep. For 110-120-volt A.C. 60-cycle current.

99 PT 02299—Shipping weight, 17 pounds. \$8.25
9 PT 2690—Pkg. of 6 saw blades. Shpg. wt., 1 oz. 17c

DUNLAP 11-INCH JIG SAW



CUTS TO CENTER OF 22-INCH CIRCLE

\$745 • 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.

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 opposite page. Use 5-inch jig saw blades with pin type ends or plain ends (see opposite page). Shipping weight, 23 pounds.

99 PT 02265 \$7.45

"JUNIOR" Wood Turning Lathe
\$375 A Here's a real workmanlike lathe with the features you want—at a moderate price. It's big—note these over-all dimensions: height, 8 1/4 in.; width, 4 1/4 in.; length, 23 1/4 in. Handles work up to 5-in. diameter, 12 in. long. 2 speeds. Has enclosed headstock and spur and cup centers. Machined ways.
9 PT 2911—Shipping weight, 12 pounds. \$3.75

"JUNIOR" Bench Saw
\$445 B Now—a small bench saw with the adjustments and features of much larger machines. 7x9-in. ground iron table tilts to 45 degrees on double pivots. 4-inch blade adjusts to any depth of cut up to 1 inch. Rip fence and miter gauge; guard and splitter, all included as standard equipment. Over-all dimensions: height, 6 1/4 in.; width, 10 in.; depth, 10 3/4 in.
9 PT 2910—Shipping weight, 9 lbs. 6 oz. \$4.45

"JUNIOR" Jig Saw
\$295 C Never before our knowledge has there been a jig saw with an oil bath mechanism within 25% of our sensational low price! Full 10-inch throat. Sturdy gray iron frame. Table, 8x8 inches. New torsion-type enclosed spring head. Shipping weight, 10 lbs.
9 PT 2913 \$2.95

"JUNIOR" Motor
\$425 D Smooth running 3400 R.P.M. motor to keep your "JUNIOR" tools humming. A regular 110-volt, 60-cycle A.C. power plant. Built for steady service. Use drive belt 9 PT 2727 or 9 PT 2714 with this motor. Brass pulley. Cord and plug included. Shpg. wt., 7 lbs. 6 oz.
9 PT 2725 \$4.25

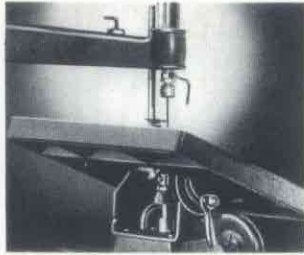
"JUNIOR" Drill Press
\$395 E A new idea in drill presses! 3/8-in. capacity. Drills to center of a 6-inch circle. 4x4-in. table and base are ground gray iron. Column is 3/4x10 1/2 inches. Over-all dimension: height, 17 1/4 in.; width, 5 in.; depth, 10 1/4 in. Shipping weight, 8 lbs. 6 oz.
9 PT 2912 \$3.95

10c F Round rubber belt, 1/4x16 1/2 in. outside diameter, for use with "JUNIOR" motor 9 PT 2725 above. They are so inexpensive that it will pay to have one for each tool.
9 PT 2727—Shipping weight, 2 ounces. 10c

A regular "V" belt built like our standard line, but light and flexible. For use with "JUNIOR" motor, 9 PT 2725.
9 PT 2714—3/4x32-inch "V" Belt. Shpg. wt., 3 oz. 29c

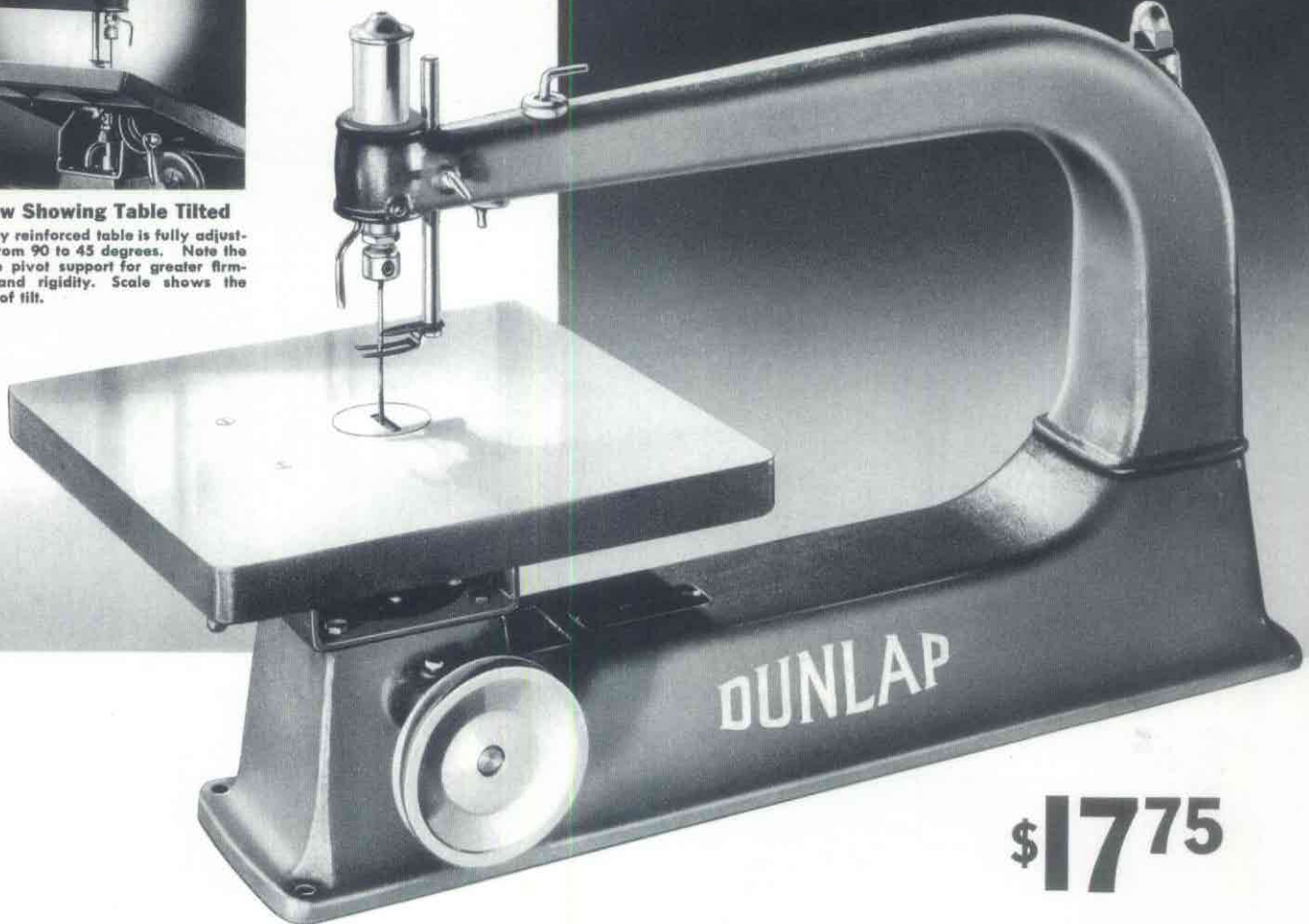
DUNLAP

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.



\$17⁷⁵

SPECIFICATIONS

	99 PT 02265	99 PT 02267
Over-all Height	14 in.	18 in.
Over-all Width	9 in.	12 in.
Over-all Length	19 in.	29 1/2 in.
Depth of Cut (Maximum)	1 in.	1 1/2 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	1/4-H.P., 1750 R.P.M.	1/2-H.P., 1750 R.P.M.
Machine Pulley Supplied	4 in.	4 in.
Motor Pulley Recommended	1 1/2 in.	1 1/2 or 2 in.
Recommended Mounting (Use either)	Wood stand, 99PTM2749, work bench, 99PTM2721	Wood stand, 99PTM2749, work bench, 99PTM2721
Mounting Dimensions	4 1/4 x 15 1/4 in.	4 3/4 x 24 3/4 in.

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

- Handles work up to 1 1/2 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.

A tilting-table jig saw having all the features of this DUNLAP jig saw would cost you at least \$22 elsewhere! 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., 53 lbs. . . . \$17.75

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. . . . \$1.19

CRAFTSMAN FRET SAW AND JIG SAW BLADES

Heat treated, tempered and hardened for long life and fast, easy cutting. 6 and 8 1/2-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.	19c
9 PT 2693	.010	.045	8	Plain	6	18	W.V.Pd	1 oz.	19c
9 PT 2694	.010	.055	8	Plain	6	16	W.V.Pd	1 oz.	19c
9 PT 2695	.010	.070	8	Plain	6	14	W.M.	1 oz.	19c
9 PT 2703	.020	.070	6	Plain	6	32	M.	1 oz.	19c
9 PT 2702	.014	.078	6	Plain	6	16	W.M.	1 oz.	19c
9 PT 2709	.020	.110	6	Plain	6	20	G.W.M.	1 oz.	19c
9 PT 2710	.020	.110	6	Plain	6	7	W.P.	1 oz.	19c
9 PT 2700	.020	.110	6	Plain	6	10	G.W.M.	1 oz.	17c

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.	17c
9 PT 2704	.020	.110	6	Pin	5	10	G.W.M.	1 oz.	17c
9 PT 2705	.020	.110	6	Pin	5	15	G.W.M.	1 oz.	17c
9 PT 2706	.020	.110	6	Plain	8 1/2	10	G.W.M.	1 oz.	19c
9 PT 2707	.020	.110	6	Plain	8 1/2	15	G.W.M.	1 oz.	19c
9 PT 2866	.028	1/4	3	Saber	6	7	G.W.	1 oz.	19c
9 PT 2867	.028	1/4	3	Saber	6	20	G.W.M.	1 oz.	19c
9 PT 2869	.028	1/4	3	Saber	6	10	G.W.	1 oz.	19c
9 PT 2712	.010	.040	6	Pin	2 3/4	18	G.W.	1 oz.	17c

*W-Wood, M-Metal, P-Plastic 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

\$33⁵⁰
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	99PT05620 or 99PT01955 ½-H.P., 1750 R.P.M.
Machine Pulley Supplied	4-step cone (Special)
Motor Pulley Supplied	4-step cone (Special)
Recommended Mounting	Machining stand, 99PTM2745
Mounting Dimensions	30 ³ / ₄ x 7 ³ / ₄ in.

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. 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.

99 PTM 2284—CRAFTSMAN Jig Saw without motor. Shipping weight, 105 pounds. \$33.50

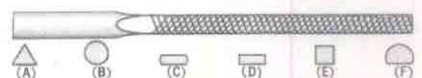
99 PTM 2286—As above, with DUNLAP ½-H.P. ball bearing 110-120 volt, 60-cycle A.C. motor 99 PT 05620. Shipping weight, 135 pounds. . . \$44.50



CRAFTSMAN Table Extension Set

Designed to increase table size of 99PTM2284 jig saw to 18x25½ 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 18x5½ inches; and long rip fence, bars and necessary fittings. Shipping weight, 14 pounds.

9 PT 2278. \$8.50

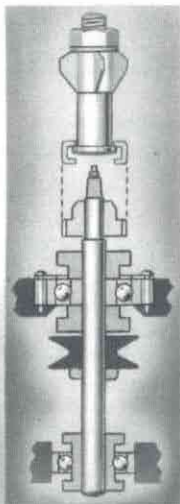


Special Jig Saw Files

Made from special steel, heat treated and hardened. Strong, sharp, deep cut teeth. Their use eliminates tedious hand filing. ¼-inch square shanks. For use on either 99PT02267 (page 11) 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**

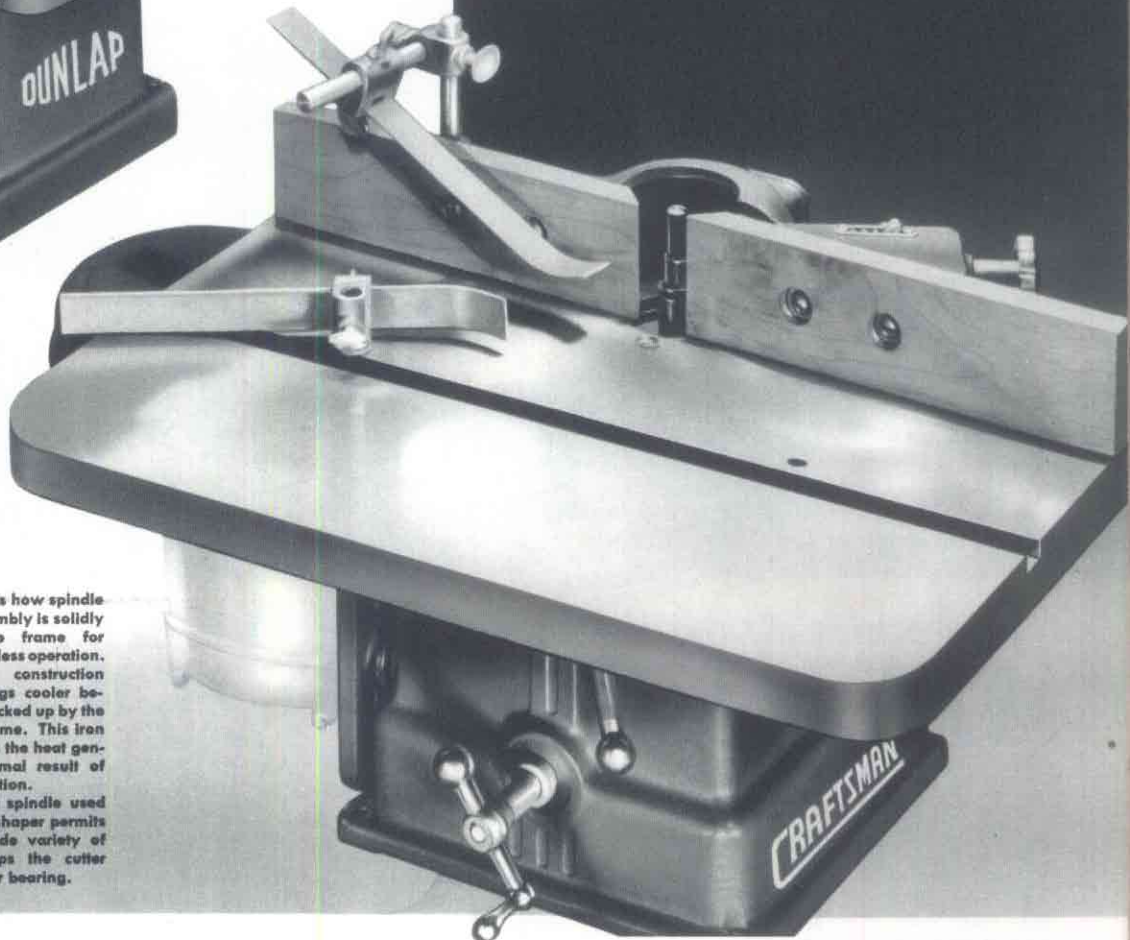
HIGH SPEED BALL BEARING WOOD SHAPERS



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!

\$1775

- 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.

99 PT 02317—Shpg. wt., 48 lbs. . . . \$17.75

See Page 34 for assortment of shaper cutters.

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	$\frac{3}{8}$ -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	99PT05587 $\frac{1}{2}$ -H.P., 3450 R.P.M.	99PT05587 $\frac{1}{2}$ -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)
Recommended Mounting	99PTM 2743, stand	99PTM 2743, stand
Mounting Dimensions	8 $\frac{1}{2}$ x6 $\frac{3}{4}$ 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.

99 PTM 2309—Shpg. wt., 105 lbs. . . . \$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. . . . \$1.35

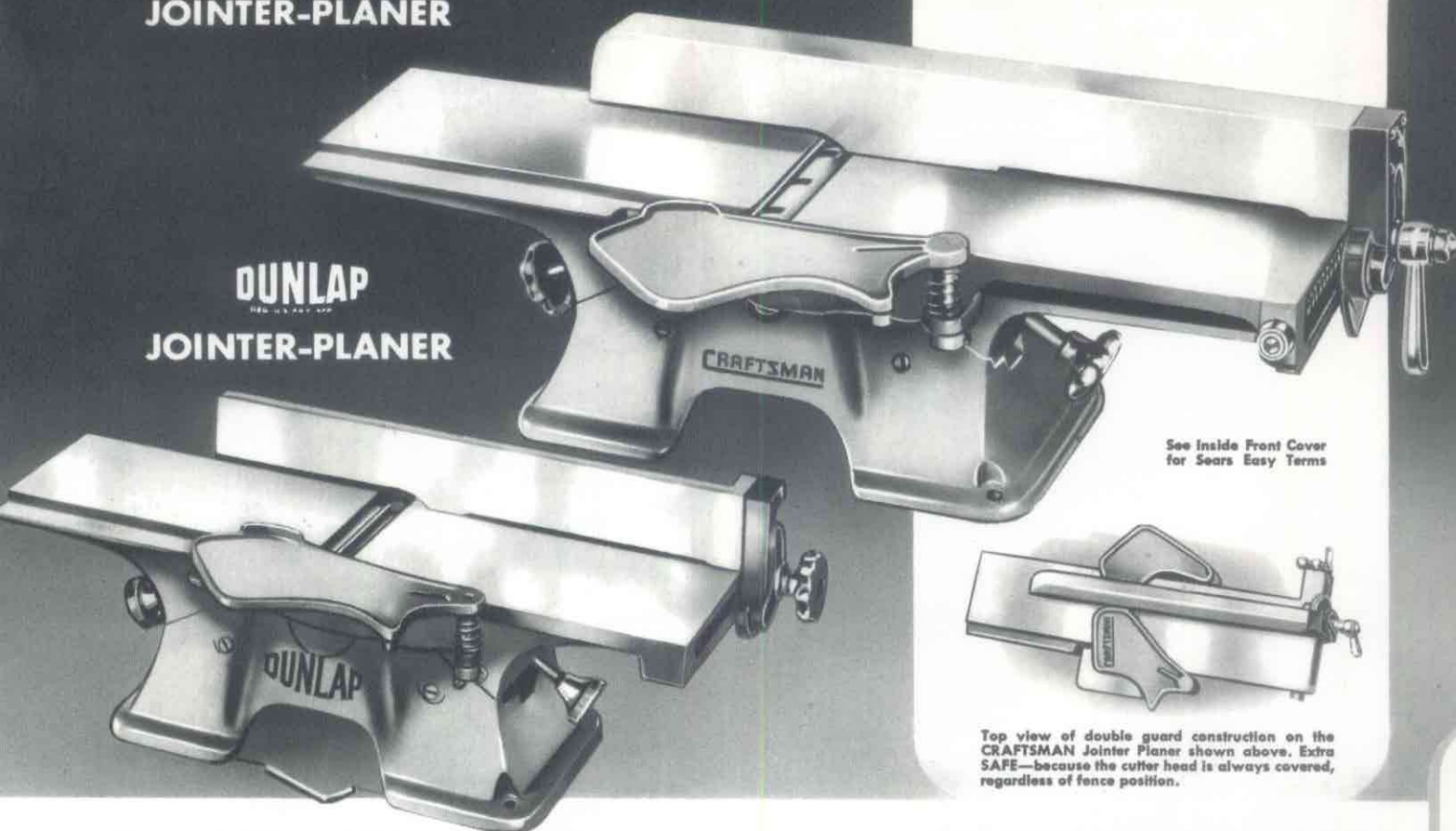
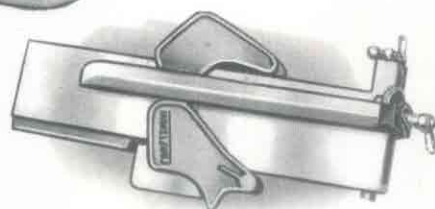
9 PT 2435—Adapter for $\frac{1}{2}$ -inch bore cutters.95

9 PT 2437—Adapter for sash cutter below. 1.35

Sash cutter. Use with 9PT2437 adapter above.

9 PT 2438—Shipping weight, 4 oz. \$1.60

POWERTOOL . . 13

CRAFTSMAN**JOINTER-PLANER****DUNLAP****JOINTER-PLANER**See inside Front Cover
for Sears Easy TermsTop view of double guard construction on the
CRAFTSMAN Jointer Planer shown above. Extra
SAFE—because the cutter head is always covered,
regardless of fence position.**DUNLAP BRONZE-BEARING JOINTER-PLANER****\$17⁷⁵**

- 4¼-inch solid steel cutting head.
- Tables finish-ground after assembly to get greater accuracy and alignment.
- Large auto-lubricating bronze bearings.

Far superior to lighter weight tools having similar width of cut. Tables operate on accurate ways. Each table is 10¼ inches long; fully adjustable. Machine is 24¼ inches long over-all. Screw feed control for depth of cut adjustment. Oversize 4¼-inch steel cutter head easily handles 4-inch rough 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.....\$17.75

Extra 4¼-inch Jointer Knives. Use with 99 PTM 2287 and 99 PTM 2290 jointer-planers. Fine quality tool steel, heat treated, hardened and ground.

9 PT 2291—Shipping weight, set of three, 7 oz. Set of 3.....\$2.60

CRAFTSMAN BALL BEARING JOINTER-PLANER**\$25⁹⁵**

- With CRAFTSMAN precision ball bearings, packed in grease for smooth operation.
- Extra long—full 28½ inches over-all.
- Two guards—one on each side of fence.

Real CRAFTSMAN quality throughout! Exceptionally strong and rigid construction throughout! Solid steel 4¼-inch cutter head. Advanced fence design—position and angle adjustments operate independently of each other. Entire fence and tilting mechanism may be moved sideways across table without affecting angle. Tables are finish-ground after assembly on base to assure absolute accuracy of alignment—operate on carefully machined ways. Double guard construction assures extra safety because the cutter head is always covered, on both sides of the fence regardless of fence position. Guards need never be removed, even for rabbeting. Three tool steel knives. Scale shows depth of cut at all times.

99 PTM 2290—Shipping weight, 51 pounds.....\$25.95

CRAFTSMAN HAND FEED THICKNESS PLANER**\$34⁹⁵**

- Built to handle all lumber up to 2x6 inches in the rough.
- Precision ball bearings for years of service.
- Equipped with a 2½-inch solid steel cutting head.
- Simple and efficient hand feed construction.

Thousands of craftsmen have wanted to own a thickness planer—but the cost has always been far too high! Now Sears tremendous purchasing power makes it possible to offer one at a price which we believe has never been approached elsewhere!

With a thickness planer like this you can salvage old material... finish rough sawed lumber... reclaim marred or painted wood... make flat stock out of warped boards, etc. It will actually pay for itself many times over!

Rugged long-life construction throughout. Will plane material up to 6 inches wide and 2 inches thick—and as small as 4 inches long and ½-inch thick. Very accurate—will hold a cut to a few thousandths of an inch. Heavily ribbed gray iron table and frame. Ways milled into one casting for greater accuracy. Has a convenient hand wheel which adjusts depth of cut. The depth of cut is shown by accurate scale. Safety type solid steel cutter head with three accurately ground steel knives. Chip breaker and pressure bar completely guard the head. Automatic chip ejection.

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

99 PTM 2370—Shipping weight, 85 pounds.....\$34.95

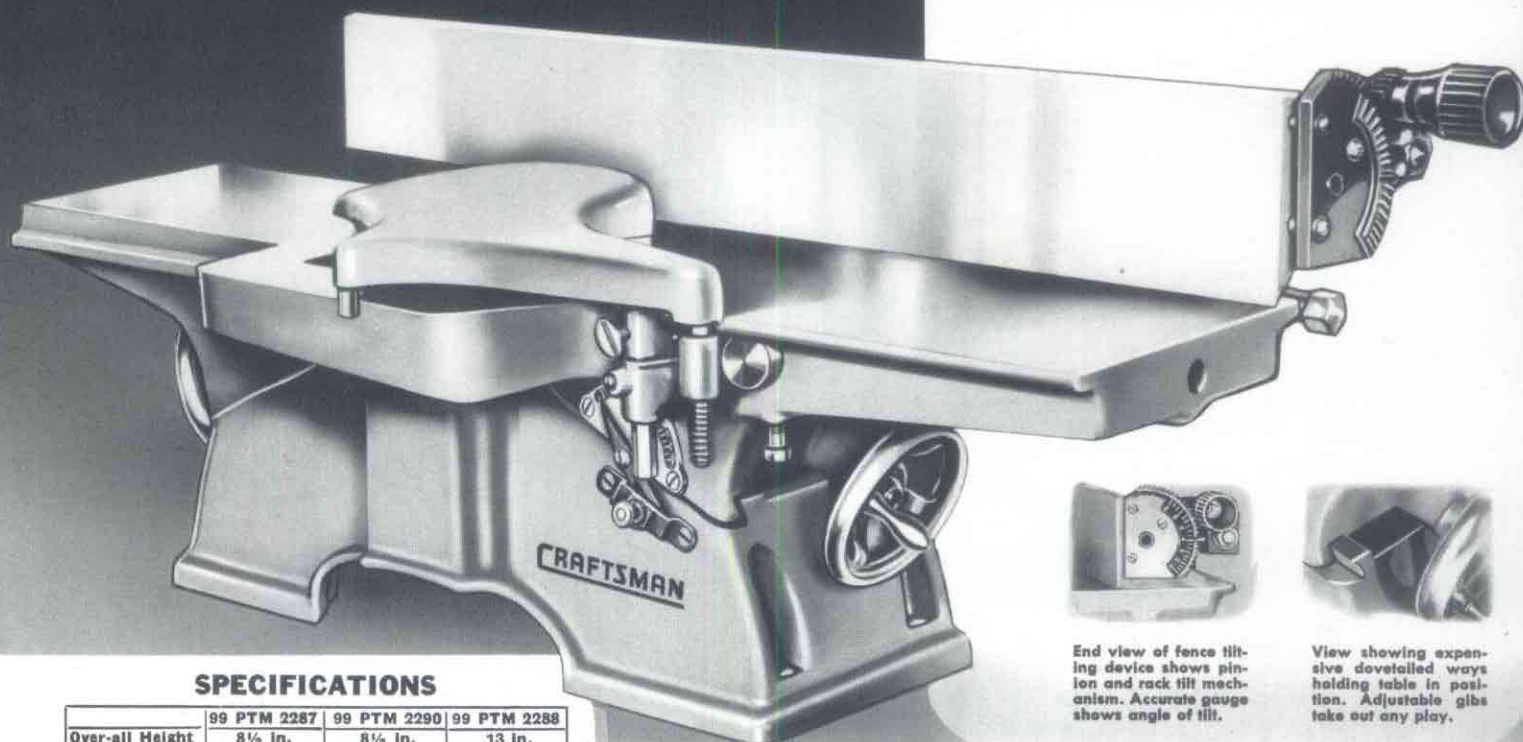
14.. SEARS, ROEBUCK AND CO.



CRAFTSMAN

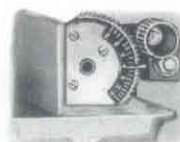
HEAVY DUTY JOINTER-PLANER

If you want extra capacity, and the very finest quality and workmanship in every detail of construction—this heavy duty jointer-planer is the one to buy.



SPECIFICATIONS

	99 PTM 2287	99 PTM 2290	99 PTM 2288
Over-all Height	8 1/2 in.	8 1/2 in.	13 in.
Over-all Width	9 7/8 in.	12 in.	18 in.
Over-all Length	24 1/4 in.	28 1/2 in.	37 1/2 in.
Width of Cut	4 1/4 in.	4 1/4 in.	6 in.
Depth of Cut	3/8 in.	3/8 in.	1/2 in.
Rabbet Depth	3/8 in.	3/8 in.	1/2 in.
Bearings	2; bronze	2; ball	2; ball
Front Table	10 1/4 in.	12 in.	17 1/2 in.
Rear Table	10 1/4 in.	12 in.	15 1/2 in.
Length, Fence	17 1/2 in.	20 1/2 in.	28 in.
Cutter Head	Steel Three	Steel Three	Steel Three
Material	4 1/4 x 3/4 x 1/8 in.	4 1/4 x 3/4 x 1/8 in.	6 x 3/4 x 1/8 in.
Knives			
Knife size			
Speed	3600 R.P.M.	4500 R.P.M.	5000 R.P.M.
Motor Required	1/2 or 3/4-H.P.	1/2 or 3/4-H.P.	1/2 or 3/4-H.P.
Machine Pulley	2 in.	2 in.	2 1/2 in.
Supplied			
Motor Pulley	4 in.	5 in.	4 in.
Recommended			
Mounting	Metal stand, 99 PTM 2745	Metal stand, 99 PTM 2745	Metal stand, 99 PTM 2745
Dimensions	12 1/2 x 5 7/8 in.	12 1/2 x 5 7/8 in.	18 1/2 x 4 1/2 in.



End view of fence tilting device shows pinion and rack tilt mechanism. Accurate gauge shows angle of tilt.



View showing expensive dovetailed ways holding table in position. Adjustable gibs take out any play.

NOTICE THE SIZE—ACTUALLY OVER 3 FT. LONG!

\$49⁹⁵

- 6-inch solid steel cutter head. Maximum depth of cut, 1/2-inch.
- Extra long tables—37 in. long overall—carefully ground and fitted for perfect alignment—slide on dovetailed ways for greater accuracy.
- Heavy precision ball bearings enclosed in dustproof housings.

One of the finest, most accurate power tools of its kind money can buy! Meets most rigid demands of professional craftsmen and large industrial shops. Built for high speed, precision work. Tables are controlled by conveniently located hand wheels. Carefully balanced solid steel cutter head has knife slots ground in shape of inverted wedges to assure accurate and positive locking of the 3 tool steel cutting knives. Geared-type tilting fence is 28x4 inches and is rigidly supported at both the end and center. Large quick-acting guard keeps cutter head covered—need never be removed. Protractor gauge accurately indicates depth of cut. Complete with pulley, motor pulley, V-belt and geared fence. Shipping weight, 160 pounds.

99 PTM 2288.....\$49.95

Extra Cutting Knives. Use only with above jointer-planer. Accurately ground.

9 PT 2292—Shipping weight, set of three, 4 ounces. Set of 3.....\$3.65

CRAFTSMAN HEAVY DUTY THICKNESS PLANER

\$179⁵⁰

- Handles rough lumber up to 4x12 inches with the speed and accuracy of a mill planer.
- Power feed construction for faster operation.
- Three-blade 3 1/4-inch solid steel cutter head.

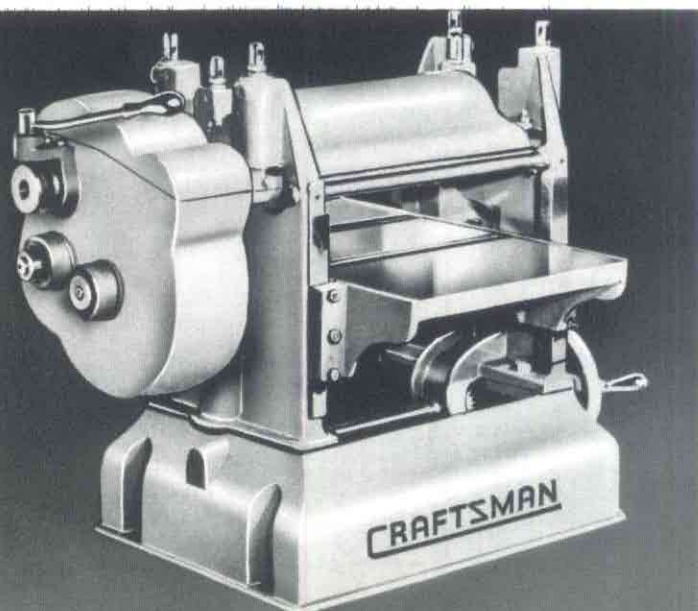
One of the finest tools in this entire catalog! Real super quality! Built for steady day-in-and-day-out service. Not a jointer—but a thickness planer that easily handles big production jobs in shops and mills! Will plane material up to 12 inches wide and 4 inches thick—and as small as 6 inches long and 1/2-inch thick. 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, 3 1/4 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 3/4 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 6 1/2 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.

99 PTM 2349F—With 3-inch machine pulley. Shpg. wt., 290 lbs. . . \$179.50

POWER TOOL . . 15





DUNLAP AND CRAFTSMAN

BELT AND DISC SANDERS

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.



For Easy Terms
See Inside
Front Cover

DUNLAP BELT-DISC SANDER

\$1775

• 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 wood-working. *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. \$17.75

SPECIFICATIONS

	99 PTM 2213	99 PTM 2235
Over-all Height	10 1/2 in.	11 in.
Over-all Width	11 1/4 in.	20 in.
Over-all Length	23 in.	28 1/2 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	5 1/4 x 8 1/2 in.	6 1/4 x 12 in.
Size, Belt Sander Table	4 1/2 x 11 1/2 in.	6 1/2 x 17 1/2 in.
Drum Diameter	3 in.	3 in.
Speed	1400 R.P.M.	1400 R.P.M.
Motor Required	1/2-H.P. or 1/2-H.P., 1750 R.P.M.	1/2-H.P. or 3/4-H.P., 1750 R.P.M.
Machine Pulley Supplied	2 1/2 in.	2 1/2 in.
Motor Pulley Recommended	2 in.	2 in.
Recommended Mounting	99 PT 02744, Metal Stand	99 PTM 2744 Metal Stand
Mounting Dimensions	6 1/2 x 10 1/2 in.	7 x 15 1/2 in.

CRAFTSMAN BELT-DISC SANDER

\$2595

• 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 6 1/2 x 17 1/2 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. \$25.95

Abrasive Belts

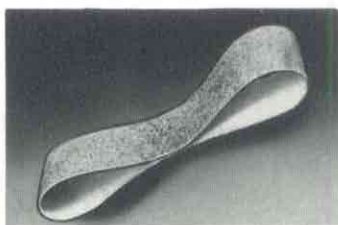
For 99 PTM 2213 DUNLAP Belt and Disc Sander above. 4x36 inches. Fine, medium or coarse. State grit wanted. Shipping weight, 4 ounces.

9 PT 2218—Garnet abrasive for wood. Each. **39c**

9 PT 2215—Aluminum oxide abrasive for use on metal or wood. Ea. **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. **89c**



Abrasive Discs

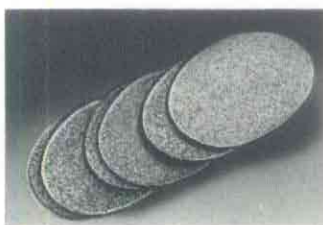
Package of 6 assorted 8-inch discs (fine, medium, and coarse) for 99 PTM 2213 DUNLAP Belt and Disc Sander. Shipping weight, 8 oz.

9 PT 2218—Garnet abrasive for wood. Package of 6. **39c**

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

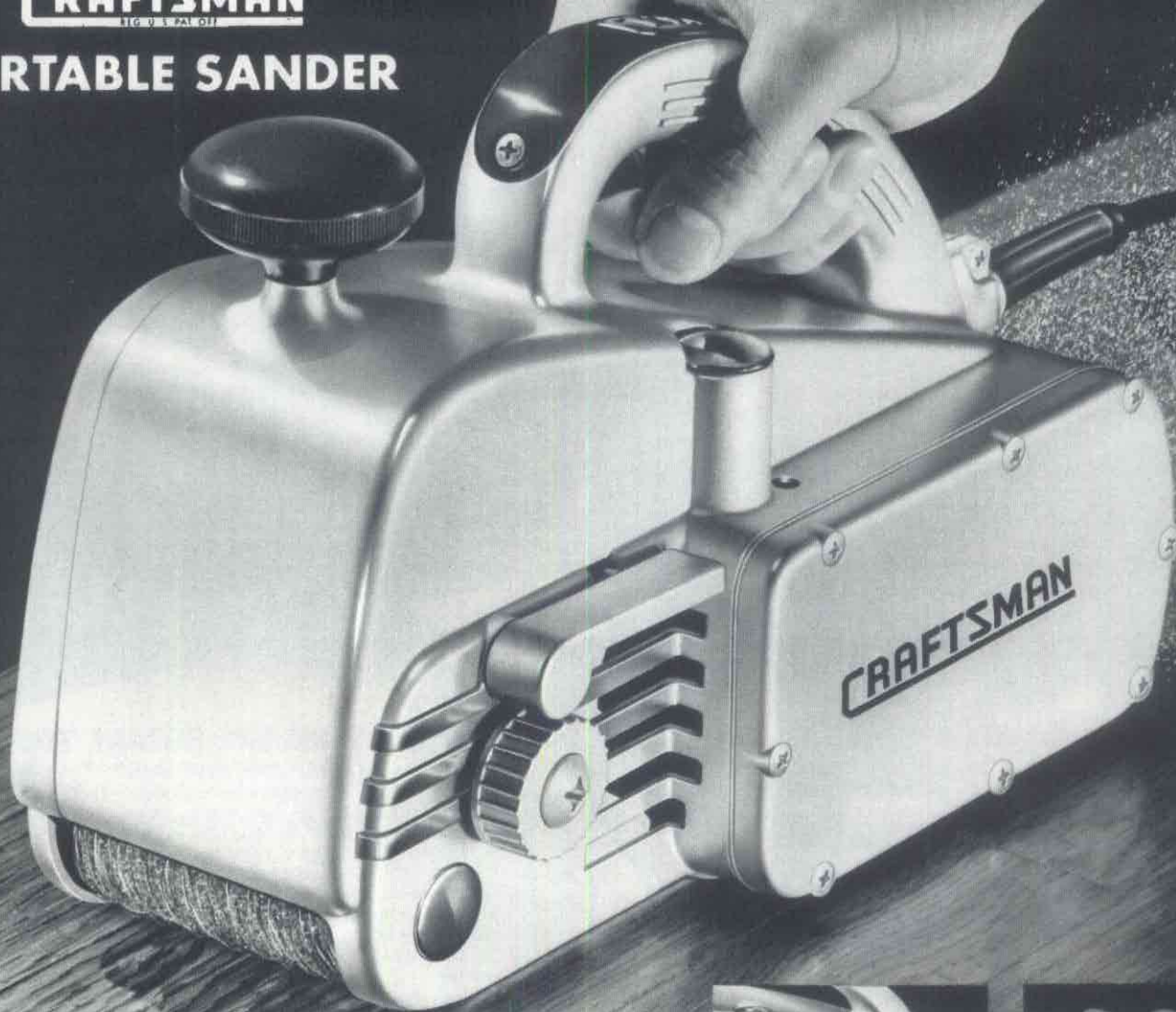
Package of 6 assorted fine, medium and coarse aluminum oxide 9-inch sanding discs for use on 99PTM2235 CRAFTSMAN Belt and Disc Sander listed above. For use on wood or metal. Shipping weight, 8 ounces.

9 PT 2155—Package of 6. **49c**



CRAFTSMAN
BIG & PAI OFF

PORTABLE SANDER



NO OTHER SANDER IN THE WORLD LIKE IT!

- Exclusive 3-drum construction for greater efficiency.
- Heavy duty G.E. universal motor insulated with Formex, the sensational abrasion-resistant insulation that stands higher temperatures—reduces chance of motor burnout.
- Streamlined design . . . motor mounted in the center.
- Light in weight . . . perfectly balanced . . . easy to handle.

\$44⁵⁰

One of the most revolutionary developments in portable sander design in the last 20 years! Now you can buy a really fine tool of this type at a reasonable price! Compare it with \$75.00 sanders elsewhere!

An entirely new idea in portable sander construction. Instead of the conventional two-drum design, this sander has three drums with the motor in the center, completely enclosed in the housing.

Notice that this is not a small tool, but a big, sturdy, full size 3-inch sander! It's simply amazing how fast it will bring out a new, clean, smooth surface! An ideal tool for craftsmen, cabinet shops, maintenance departments, pattern shops, boat building, manual training departments, etc.

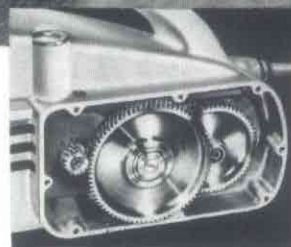
Strong die cast aluminum frame assures lighter weight for ease in handling. It's perfectly balanced! Designed for minimum clearance on one side and front to get into the tight places and close to walls. Safety-switch will not lock—must be kept closed by operator's finger to operate tool. This prevents machine from running off table accidentally.

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

Powerful universal motor is equipped with ball bearings on armature shaft. Drums are equipped with dust-protected auto-lubricating bronze bearings. These bearings have extra-large oil reservoirs. Powerful fan gives forced draft ventilation to keep motor cool. Belt travels over metal shoe to keep it in even contact with work over its entire length. Operates on 110-120 volt A.C. or D.C., 25 to 60 cycles. See Inside Front Cover for Easy Terms.

99 PT 02230—Shipping weight, 16 pounds. \$44.50

9 PT 2231—3x26³/₄-inch aluminum oxide sanding belts for the above sander. Choice of: 00 (extra fine), 0 (fine), 1 (medium), or 2 (coarse) grit. State grit wanted. Shipping weight, 4 ounces. Each. 29c



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



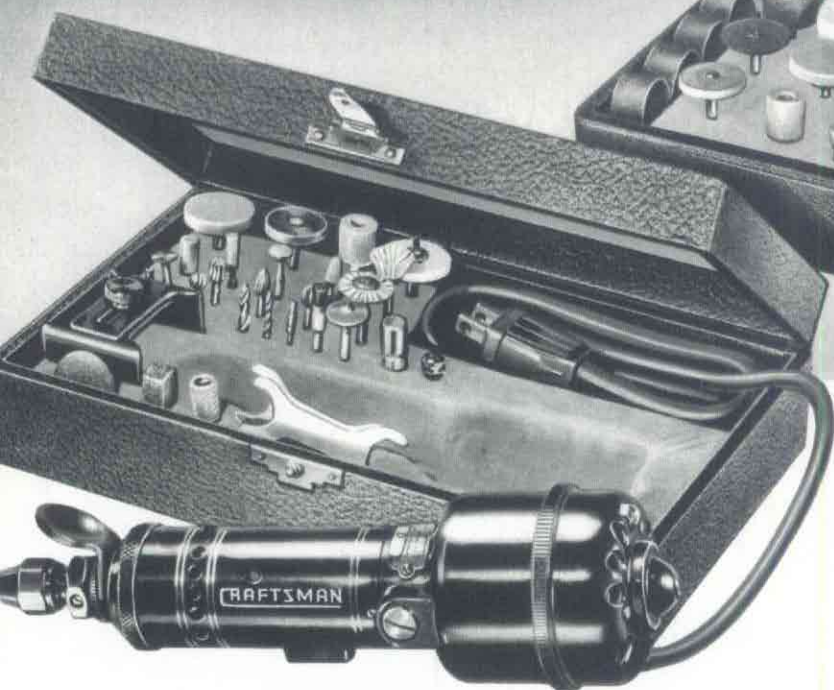
Notice how the three-drum design makes possible for more efficient construction. Motor is mounted in the center inside the housing to assure better balance and better streamlining for easier handling. This exclusive construction also permits use of a longer belt which will give you greater belt life.

SPECIFICATIONS

Over-all Height	8 in.	Bearings { Motor Drums	Precision ball Auto lubricated bronze
Over-all Width	5 in.		
Over-all Length	11 1/4 in.	Free Speed of Belt	1200 ft. per minute
Net Weight	14 lbs.		
Length of Cord	20 ft.	Switch	Safety trigger type; non-locking
Belt Size Width Length	3 in. 26 3/4 in.		
Motor	Universal for 110-volt A.C. or D.C. 25 to 60 cycles	Belt Release	Quick change; cam operated
		Gears	Spiral cut steel

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.



STANDARD CRAFTY ROTARY TOOL

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!

\$14.50
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... \$14.50

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... \$10.95



CRAFTY DELUXE ROTARY TOOL

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... Handy gauge acts as ripping guide... Deluxe fittings throughout.

\$17.75
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... \$17.75
9 PT 2842—Pistol grip assembly only. For any model of the CRAFTY except the Super CRAFTY on opposite page. Shpg. wt., 8 oz... \$9.95
9 PT 2843—Gauge and rip guide only. For any model of the CRAFTY which has finger rest. Shpg. wt., 4 oz... \$2.95

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	1/8 and 3/16 in.	Universal—up to 1/2 in.
Speed	18,000 R.P.M.	18,000 R.P.M.
Motor	Universal for 110-volt A.C. or D.C., 25 to 60 cycles	Universal for 110-volt A.C. or D.C., 25 to 60 cycles
Maximum Output	15 Watts	20 Watts
Insulation	Tested at 1000 volts	Tested at 1000 volts
Condenser	Built-in	Built-in
Switch	Special 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. 59c
(B) 9 PT 2836—Ball cutter. Diameter, 1/4-inch. 59c
(C) 9 PT 2671—Ball cutter. Diameter, 1/2-inch. 59c
(D) 9 PT 2672—Cone cutter. Diameter, 1/2-inch. 59c

- (E) 9 PT 2673—Oval cutter. Diameter, 1/2-inch. 59c
(F) 9 PT 2674—Flat cutter. Diameter, 1/2-inch. 1/4-inch long. 59c
(G) 9 PT 2837—Pointed cutter. Diameter, 1/4-inch. 59c
(H) 9 PT 2656—Saw and mandrel. Diameter, 1/8-inch. .032 thick. 69c

- (J) 9 PT 2689—Saw blade only, without mandrel. Diameter, 1/4-inch. 45c
(K) 9 PT 2684—High speed drill. Diameter, 1/4-inch. 23c
(L) 9 PT 2685—High speed drill. Diameter, 1/2-inch. 23c
(M) 9 PT 2686—High speed drill. Diameter, 1/4-inch. 23c

- (N) 9 PT 2795—Shaping cutter. 1/4-inch high. 55c
(P) 9 PT 2796—Shaping cutter. 1/4-inch high. 55c
(Q) 9 PT 2797—Shaping cutter. 1/4-inch high. 55c

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

SUPER CRAFTY 4-STAR FEATURE



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

\$19⁴⁵
Complete

NO OTHER ROTARY TOOL LIKE IT!

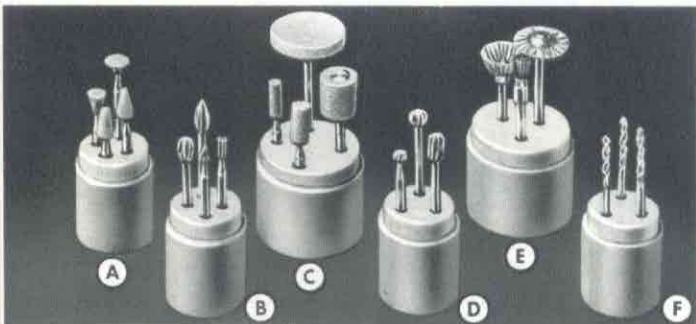
No wonder we've made this sensational streamlined CRAFTY a 4-Star Feature! You can pay \$35.00—and still not match it—because it has features found in no other rotary tool in the world!

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 universal collet chuck will grip any shank from a No. 60 drill up to a 1/2-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 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. \$19.45



CRAFTY Accessory Sets In Wood Boxes

(A) Mounted Emery Stones. 3/16-in. diam. stone; 1/4-in. taper stone; 1/4-in. inverted taper stone; 1/4-in. pointed stone. Shipping weight 3 oz.

9 PT 2955—Set of 4.....\$1.10

(B) Cutters. 3/16-in. cone; 3/16-in. oval; 3/16-in. flat; 3/16-in. pointed. Shpg. wt., 3 oz.

9 PT 2957—Set of 4.....\$2.25

(C) Mounted Emery Stones. 1-in., 1/2-in., and 3/4-in. diameters. Shpg. wt., 3 oz.

9 PT 2956—Set of 4.....\$1.10

(D) Cutters 1/4-in. oblong; 1/4-in. ball; and 1/2-in. ball. Shipping weight, 3 oz.

9 PT 2958—Set of 3....\$1.65

(E) Mounted Brushes. 3/4-inch bristle; 1/2-inch cup type; and 1/2-inch polishing brush. Shpg. wt., 3 oz.

9 PT 2959—Set of 3....35c

(F) High Speed Drills. 1/16, 1/8, and 1/4 inch. Shipping weight, 3 oz.

9 PT 2954—Set of 3....65c



Router Stand

Converts your CRAFTY into a handy router. Locking 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.

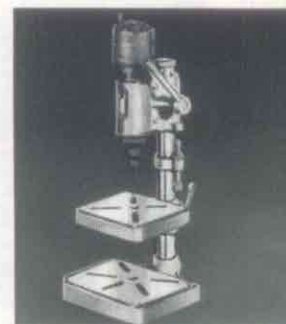
9 PT 2846 — Router stand only, without CRAFTY.....\$1.95



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.....\$3.95



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.....\$5.95



(A) 9 PT 2653—Mounted emery wheel. 1-in. diam.; 1/2-in. thick.....29c

(B) 9 PT 2654—Mounted emery wheel. 1/2-in. diam.; 1/2-in. long.....29c

(C) 9 PT 2675—Mounted emery wheel. 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-inch diameter; 1/2-inch long.....29c

(F) 9 PT 2678—Mounted emery wheel. 1/2-in. diam.; 1/2-in. long.....29c

(G) 9 PT 2681—Tapered stone. 1/4-in. diam.; 1/2-in. long.....29c

(H) 9 PT 2682—Pointed stone. 1/4-in. diam.; 1/2-in. long.....29c

(J) 9 PT 2951—Set of 3 buffing wheels. 1 1/2-inch diameter.....35c

(K) 9 PT 2977—Set of 3 felt buffers. 1-inch diameter.....35c

(L) 9 PT 2952—Set of 3 rubber bonded polishing wheels. 1/4-inch diam.....29c

(M) 9 PT 2953—Set of 3 knife edge rubber taper wheels. 1/4-inch diameter.....29c

(N) 9 PT 2696—Mounted sanding drum assembly. 3/4-in. diam. With sanding sleeve.....35c

(P) 9 PT 2699—Four sanding drum sleeves. To be used as replacement sleeves on sanding drum above.....19c

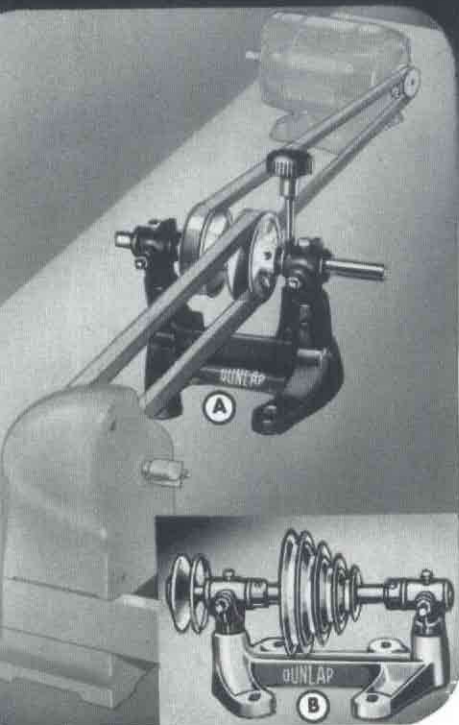
(Q) 9 PT 2691—Set of twelve high quality silicon carbide discs. The diameter of these discs is 1 inch. 1/2-inch thick. 1/2-inch hole.....23c

(R) 9 PT 2686—Nut-and-collar type mandrel.....15c

(S) 9 PT 2687—Screw-in type mandrel.....15c

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

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. **\$4.45**

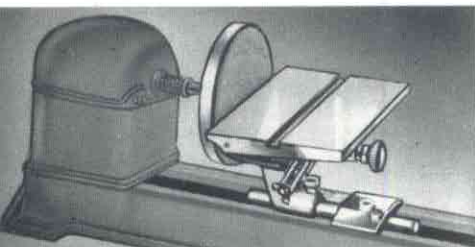
(B) Cone Pulley Jack Shaft. Varies speed in certain definite steps. Used with matching cone pulley on machine. For use with $\frac{1}{2}$ -inch V-belt.

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

With 3-inch, 3-step pulley..... **\$3.19**

With 4-inch, 4-step pulley..... **\$3.29**

With 5-inch, 4-step pulley..... **3.39**



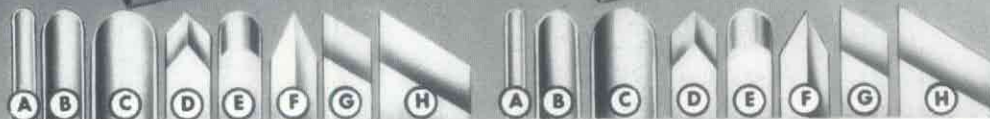
Sanding Attachment

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

Catalog No.	For Lathe	Price
9 PT 2250	99 PTM 2019 on P. 22	\$3.75
9 PT 2096	99 PTM 2027 on P. 23	3.75

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

Catalog No.	For Lathe	Price
9 PT 2160	99 PTM 2019 on P. 22	\$2.50
9 PT 2162	99 PTM 2027 on P. 23	2.50



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 bittingly 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, $\frac{1}{4}$ -inch wide..... **75c**
- (B) 9 PT 2851—Gouge, $\frac{1}{2}$ -inch wide..... **\$0.75**
- (C) 9 PT 2852—Gouge, $\frac{3}{4}$ -inch wide..... **1.10**
- (D) 9 PT 2854—Spear Point Chisel, $\frac{1}{2}$ -in. wide.. **.75**
- (E) 9 PT 2856—Round Nose Chisel, $\frac{1}{2}$ -inch wide. **.75**
- (F) 9 PT 2858—Parting Tool, $\frac{1}{2}$ -inch wide..... **.75**
- (G) 9 PT 2862—Skew Chisel, $\frac{1}{2}$ -inch wide..... **.75**
- (H) 9 PT 2863—Skew Chisel, 1-inch wide..... **1.10**

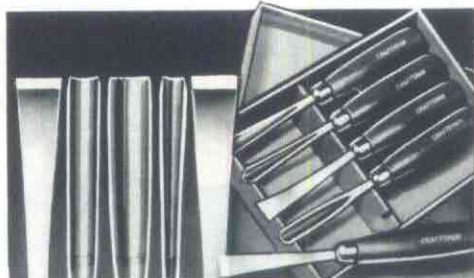
9 PT 2853—Complete set of 8 chisels listed above, in sturdy box. Shpg. wt., 8 lbs. 10 oz. **\$7.95**

PROFESSIONAL TURNING CHISELS

These fine wood turning chisels rank among the finest made anywhere—regardless of price! Average over-all length, 16 $\frac{1}{2}$ 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, $\frac{1}{4}$ -inch wide..... **\$1.65**
- (B) 9 PT 2878—Gouge, $\frac{1}{2}$ -inch wide..... **\$1.70**
- (C) 9 PT 2879—Gouge, $\frac{3}{4}$ -inch wide..... **1.75**
- (D) 9 PT 2880—Spear Point Chisel, $\frac{1}{2}$ -inch wide.. **1.15**
- (E) 9 PT 2881—Round Nose Chisel, $\frac{1}{2}$ -inch wide. **1.15**
- (F) 9 PT 2883—Parting Tool, $\frac{1}{2}$ -inch wide..... **1.40**
- (G) 9 PT 2884—Skew Chisel, $\frac{1}{2}$ -inch wide..... **1.15**
- (H) 9 PT 2885—Skew Chisel, 1-inch wide..... **1.25**

9 PT 2888—Set of 8 professional chisels listed above, in heavy box. Shipping weight, 11 lbs. **\$12.45**



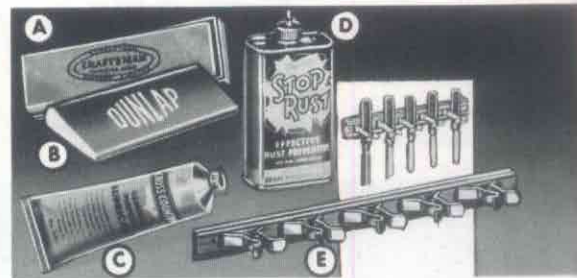
CRAFTSMAN Wood Carving Tools

Finely finished wood-carving tools. 2 $\frac{1}{2}$ -inch blades forged from fine quality heat-treated steel; take and hold a razor-keen edge. 3 $\frac{3}{4}$ -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: $\frac{1}{4}$ -inch bent gouge, $\frac{1}{2}$ -inch bent chisel, $\frac{1}{2}$ -inch U tool, $\frac{1}{4}$ -inch straight chisel and a $\frac{1}{2}$ -inch veining tool. Shipping weight, 13 oz.

9 PT 2899—Set of 5..... **\$2.50**

9 PT 2464—Set of 3 tools including a $\frac{1}{2}$ -inch U tool, $\frac{1}{4}$ -inch skew bevel, and $\frac{1}{4}$ -inch bent chisel. Packed in a box. Shipping weight, 8 ounces..... **\$1.69**



Tool-Room Necessities

(A) CRAFTSMAN Sharpening Stone. Vittrified 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. Protects tools from rust.

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

(E) Handy Tool Clips. Steel, adjustable tension. 5 mounted clips, 13 in. wide. Clips project 1 $\frac{1}{2}$ in.

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

9 PT 2864—6 mounted clips, 13 in. wide. Junior size; clips project 1 $\frac{1}{4}$ 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. **.69c**
- (B) 9 PT 2101—Cup Center. Shpg. wt., 7 oz. **.69c**
- (C) 9 PT 2111—60-Degree Center. Shpg. wt., 7 oz. **.69c**
- (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..... **.69c**
- (F) 9 PT 2163—Arbor for grinding, etc. Shipping weight, 13 ounces..... **.95c**
- (G) 9 PT 2125—Arbor and $\frac{1}{2}$ -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. **.69c**

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

- (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..... **\$1.15**
- (K) 9 PT 2132— $\frac{1}{2}$ -inch Chuck. For 9 PT 2165 grinding arbor..... **.65c**

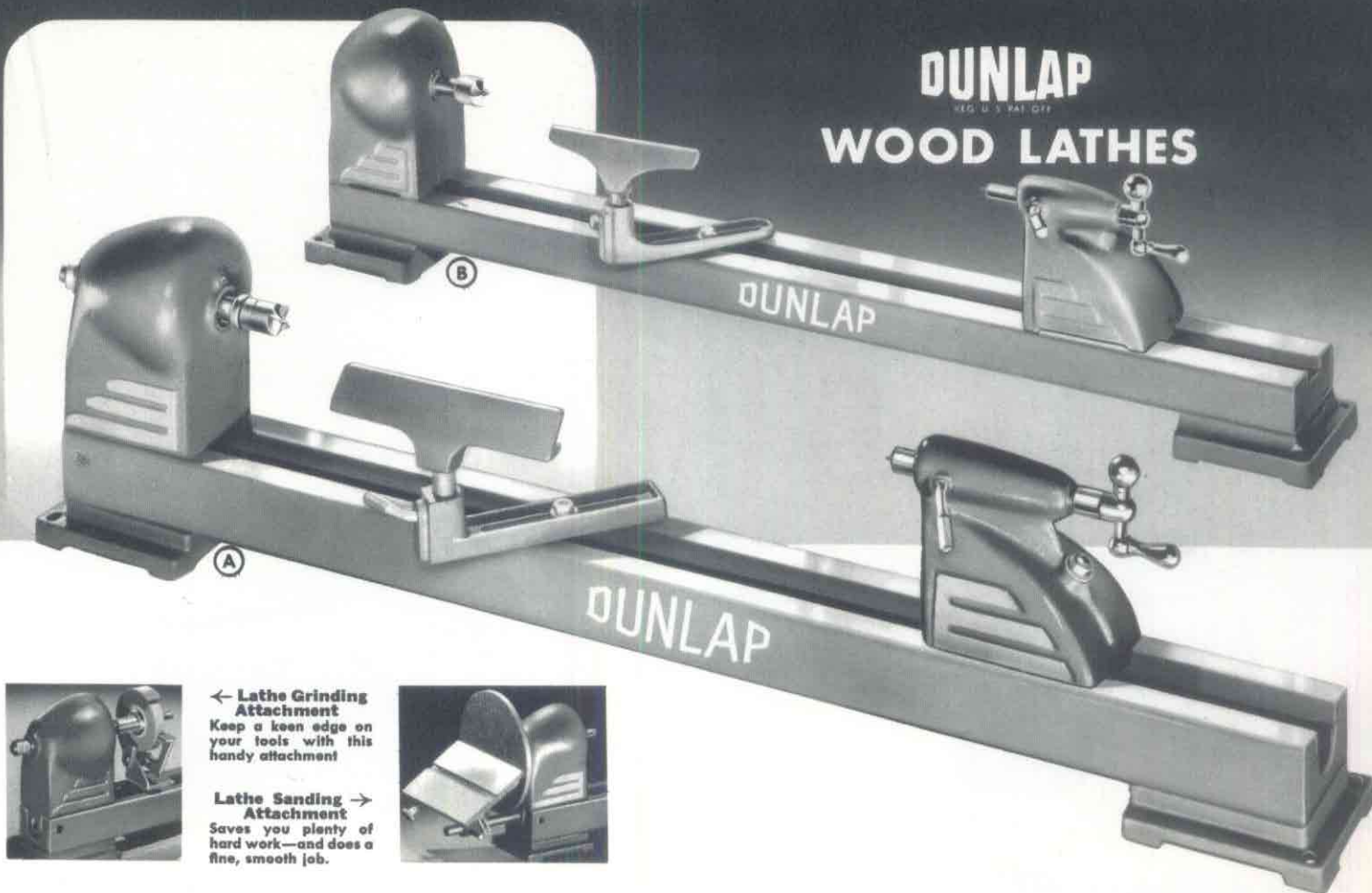
Jacobs' Chuck

For holding drill bits. Cannot be used on threaded spindles. Fits modified No. 2 Morse taper. Used with 9 PT 2123 arbor for lathe on Page 22, or 9 PT 2124 arbor for lathe on Page 23. Shipping weight, 2 lbs.

9 PT 2142—Capacity, $\frac{3}{8}$ to $\frac{1}{2}$ -inch..... **\$5.20**

9 PT 2143—Capacity, 0 to $\frac{1}{2}$ -inch..... **\$6.00**

DUNLAP 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.

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.....\$1.69

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.....\$3.75

SPECIFICATIONS

	99PT02051	99PTM2014
Over-all Height	9 $\frac{1}{4}$ in.	10 $\frac{1}{4}$ in.
Over-all Width (less cross slide and rest)	4 $\frac{1}{4}$ in.	5 $\frac{1}{2}$ in.
Over-all Length	42 $\frac{1}{4}$ in.	47 $\frac{1}{4}$ in.
Swing over Bed	8 in.	9 in.
Between Centers	27 in.	30 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
Recommended Mounting	99PTM2716 work bench	99PTM2721 work bench
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!

\$1245

- 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.....\$12.45



Face Plates

For either lathe above or any other lathe with $\frac{5}{8}$ -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....\$1.15

Ⓑ 9 PT 2081—6-inch. Shipping wt., 14 oz.... 1.65

Spur Center

Ⓒ For either lathe above or any other lathe with $\frac{5}{8}$ -inch spindles. Check spindle size before ordering. Shipping weight, 6 ounces.

9 PT 2105..... 69c

Cup Center

Ⓓ For tallstock of lathe. Fits any $\frac{5}{8}$ -inch spindle. Check size.

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

Work Arbor with Chuck

Ⓔ Fits $\frac{1}{2}$ or $\frac{3}{4}$ -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 $\frac{3}{4}$ -inch spindle. Check size before ordering.

9 PT 2118—Shpg. wt., 1 lb. 10 oz.... 98c

Work Arbor

Ⓕ Same as 9PT2118 but without chuck. Fits faced steel collars. State whether for $\frac{1}{2}$ or $\frac{3}{4}$ -inch spindle. Check size 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 $\frac{3}{4}$ -in. straight spindles. Spanner wrench provided to operate chuck. Arbor is $\frac{1}{2}$ -in. x 24-thread. State whether for $\frac{1}{2}$ or $\frac{3}{4}$ -in. spindle. Check size before ordering.

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

3-Jaw Drill Chucks

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

Ⓗ 9 PT 2130— $\frac{1}{4}$ -inch capacity. Shpg. wt., 5 oz.... 35c

Ⓘ 9 PT 2132— $\frac{1}{2}$ -inch capacity. Shpg. wt., 12 oz.... 65c

Ⓚ 9 PT 2134— $\frac{3}{4}$ -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 on 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 grt. 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.

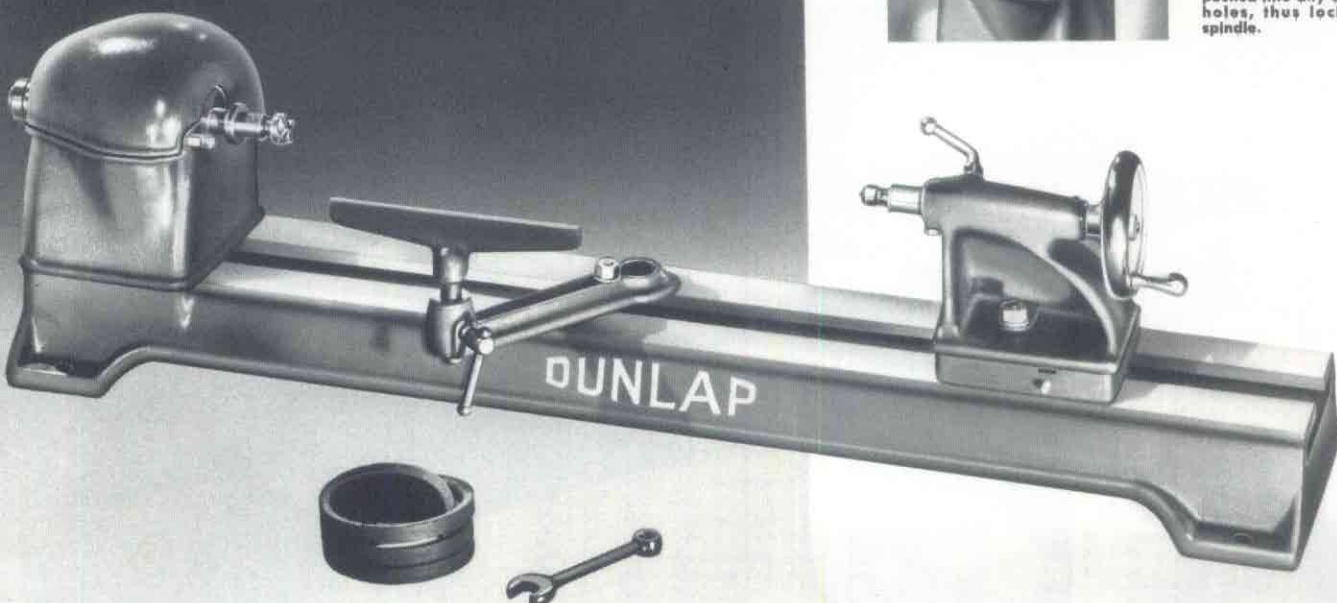
9 PT 2158 6-inch. Shpg. wt., 13 oz....\$1.75

9 PT 2159 8-inch. Shpg. wt., 1 lb....\$2.19

POWER TOOL... 21

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 at 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.

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 Taper Hole	3/4 in.; 16 R.H. thread 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	1/2 H.P., 1750 R.P.M. Condenser 99 PT 01955
Machine Pulley (Supplied)	4-inch 4-step cone
Motor Pulley (Not Supplied)	4-inch, 4-step cone 9 PT 2792
Mounting Recommended	99PTM2721 work bench
Mounting Dimension (Center to center of holes in base)	5 1/2 inches x 40 3/4 inches

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

- 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.

\$1775
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.

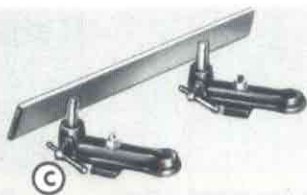
99 PTM 2019—Shpg. wt., 60 lbs. . . . \$17.75



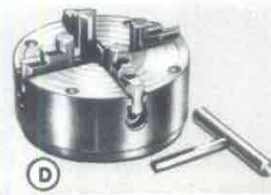
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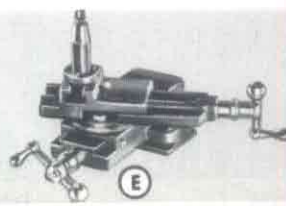
B



C



D



E



F

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. . . . \$1.59
- 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. . . . \$1.59

- B 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 lbs. 9 PT 2173. . . . \$2.85

4-Jaw Lathe Chuck

- D Four husky jaws, each one reversible. Each jaw can be moved by itself. Can be used to hold a variety of different shapes of work. 4-inch diameter. Key and back plate to fit 99PTM2019 lathe, above. Fits 3/4-inch threaded spindle. 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 1/2-in.; angular or longitudinal feed, 6-in. Precision built. (For tool bits and holders, see Page 27.) Shipping weight, 17 lbs. 99 PT 02168. \$15.95

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 wt., 4 lbs. 9 PT 2178. . . . \$4.75

SEE PAGE 20 FOR ADDITIONAL LATHE ACCESSORIES

CRAFTSMAN

REG. U.S. PAT. OFF.

BALL BEARING LATHE



Cut-away view of CRAFTSMAN precision ball bearings. The balls 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—an exclusive process which insures a very high degree of precision.

SPECIFICATIONS

Over-all Height	13½ in.
Over-all Width	8½ in.
Over-all Length	56½ in.
Swing Over Bed	10 in.
Dist. Between Centers	36 in.
Spindle Bearings	2 precision ball
Thrust Bearings	Thrust taken on main bearings
Spindle { Nose Size Taper Hole	1 in. 8 thread, R.H. 9/16 x 1 1/8 in. No. 2 Morse 5/8 in.
Tailstock Taper	No. 2 Morse
Speeds	4:700, 1300, 2300, 4300 R.P.M. 1/4 or 1/2-H.P.; 1750 R.P.M. Condenser type
Motor Recommended	
Machine Pulley (Supplied)	5-in., 4-step cone
Motor Pulley (Supplied)	5-in., 4-step cone
Recommended Mounting	99 PTM 2721, work bench.
Mounting Dimension (Center to center of holes in base)	7½ x 51¼ in.

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

- Heavy duty, sealed, precision ball bearings on both sides of spindle pulley.
- Heavy gray iron flat-way bed—1½-in. ways. Total bearing surface, 3 in.
- Equipped with No. 2 Morse taper centers in both headstock and tailstock.
- Readily adaptable for metal turning with proper attachments.

\$35.95
Cash

This CRAFTSMAN production-type lathe is the perfect tool for master craftsmen. It's really built for professional use. That's why it's so well accepted by pattern makers, professional and skilled home craftsmen.

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

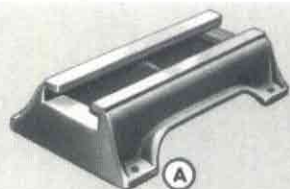
The headstock spindle rotates on precision ball bearings, sealed against dirt and abrasive materials. It has a right hand thread

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

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

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

99 PTM 2027—Shpg. wt., 115 lbs. . . . \$35.95

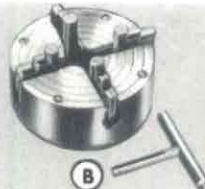


Lathe Bed Extension

(A) A handy accessory for extra long work. 15 in. long. Accurately machined. Rigid construction. Shpg. wt., 14 lbs.

9 PT 2017—For Lathe 99PTM2019, on opposite page. . . . \$2.85

9 PT 2029—For Lathe 99PTM2027, listed above. . . . \$4.75



4-Jaw Lathe Chuck

(B) 4-in. diameter. Four forged reversible jaws move independently of each other. Back plate fits 1-in., 8-thread spindle as on 99PTM2027 lathe. 9 PT 2138—Shpg. wt., 4 lbs. 2 oz. \$5.95

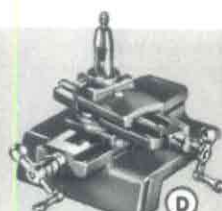
3-Jaw Lathe Chuck

4-inch diameter universal chuck. Accurate self centering, heat-treated jaws. Fits 1-inch, 8-thread spindle as on 99PTM2027 lathe, above. 9PT2148—Shpg. wt., 4 lbs. 8 oz. \$16.45



Steady Rest

(C) For supporting long work in lathe and preventing vibration when working on long, slender pieces. Clamps to lathe bed. Fitted with adjustable brass jaws. Shipping wt., 5 lbs. 8 oz. 9 PT 2023: \$5.65



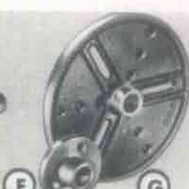
Compound Rest

(D) Fits 99PTM2027 lathe. Dial graduated to 180°; swivels through 360°. Transverse feed, 6 1/8 inches; longitudinal feed, 7 1/2 inches. Precision built. Without tool holder; see Page 27 for tool holder. Shipping weight, 29 lbs. 9 PT 02094.. \$18.45



24-in. Tool Rest

(E) For 99PTM2027 lathe, listed above. Useful when turning long pieces such as table legs, lamp standards, etc. Rigid construction. Height adjustable. Complete with bed brackets. Shipping wt., 10 lbs. 9 PT 2095. \$4.10



Face Plates

Fit 1-in. 8-thread spindle on 99 PTM 2027.

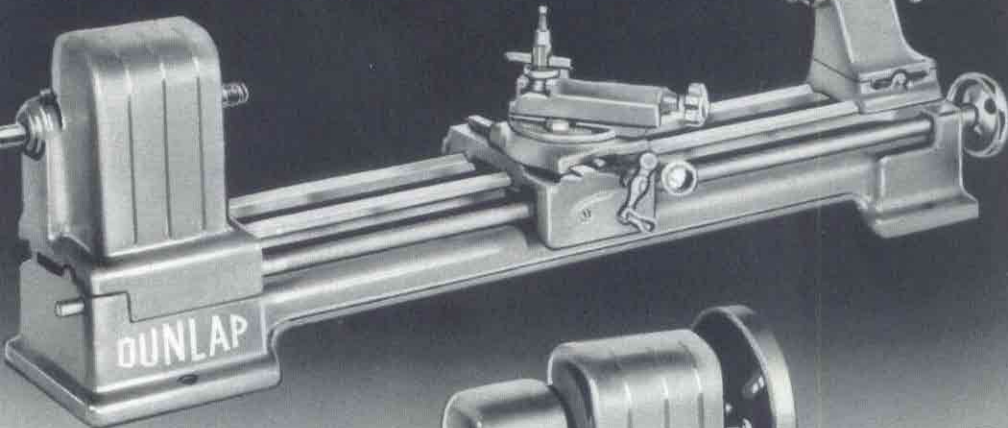
(F) 9 PT 2085—3 1/2 in. (inboard). Shpg. wt., 2 lbs. \$1.50

(G) 9 PT 2092—9-in. R.H. thread (inboard). Shpg. wt., 6 lbs. 10 oz. \$3.75

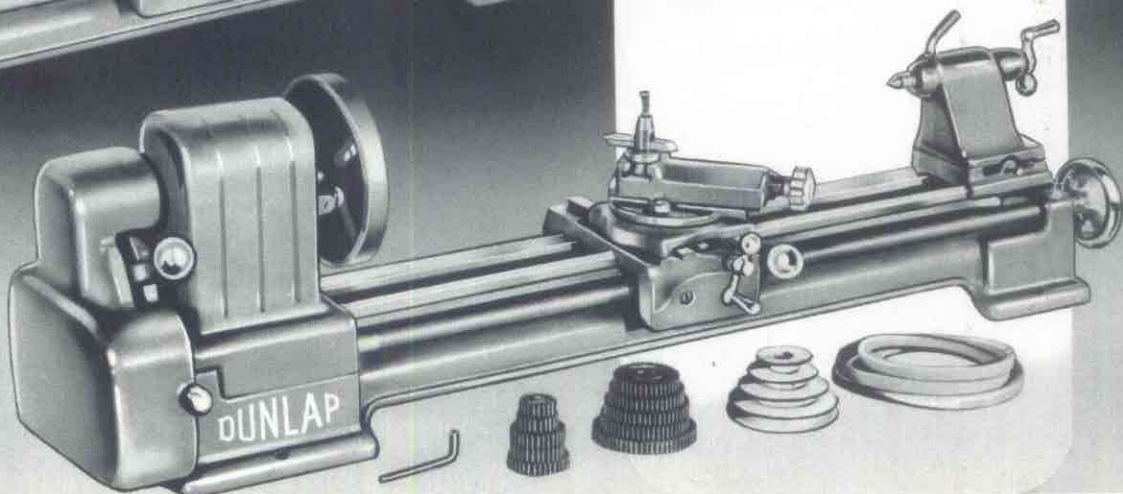
9 PT 2093—9-in. L.H. thread (outboard). Shipping wt., 6 lbs. 10 oz. \$3.75

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

DUNLAP METAL TURNING LATHES



Sensational Offset
Center Design
Assures Much
Smoother Operation



Detailed View
of the
Compound Rest

STANDARD MODEL

\$1775

This new idea in lathes meets the demand for a good metal lathe at a moderate price.

- Accurately machined V-way bed... 6-inch swing, 18-inch centers.
- Double bearing headstock has fine bronze bearings; front bearing adjustable.

Not just a small copy of larger lathes but a tool designed from the ground up to have the stability and many of the advantages of larger machines. Equipped with the sensational offset center construction described under lathe at right. Removable No. 0 Morse taper centers in headstock and tailstock. Tailstock may be set over for turning tapers. Compound rest, angular feed, and cross feed are gibbed for take-up. Compound rest has lock for facing operations. Full length feed screw. Four speeds, 580 to 2040 R.P.M.

99 PT 02046—DUNLAP Standard Lathe shown above at left. Shpg. wt., 38 lbs. \$17.75

9 PT 2084—4-Step Motor Pulley. Matches head stock pulley on above lathe. Must be used with above lathe. Shpg. wt., 1 lb. 65c

9 PT 2006—Face Plate for above lathe. Shpg. wt., 2 lbs. 8 oz. 75c

SPECIFICATIONS

Over-all Height	9 1/2 in.
Over-all Width	8 1/2 in.
Over-all Length { 99PT02046	31 in.
{ 99PT02062	32 in.
Swing Over Bed	6 in.
Swing Over Carriage	2 1/4 in.
Between Centers	18 in.
Spindle { No.	2
{ Type	Bronze
Spindle { Size	7 1/4 x .551 in.
{ Nose	1/2 in. 24-thread
{ Taper	No. 0 Morse
{ Hole	1/4 in.
Spindle { 99PT02046	4: 580-2040 R.P.M.
Speeds { 99PT02062	8: 116-2040 R.P.M.
Lead Screw { Size	1/2 in. 29° Acme
{ Thread	16 per inch
Tailstock Ram Travel	1 1/4 in.
Tailstock Set Over	1/2 in.
Compound Rest Travel	1 1/4 in.
Cross Slide Travel	2 1/4 in.
Centers { Angle	60°
{ Fit	No. 0 Morse taper
Motor Recommended	1/4 or 1/2 H.P.
Recommended	1750 R.P.M.
Mounting	99PTM2721
Work Bench	
Mounting Dimensions	5x24 1/2 in.
For Lathe 99PT02062 Only	
Back Gear Bearings	4 Bronze
Back Gear Ratio	5 to 1
Feeds	.0024; .0039; .0048; .0078
Thread Range	8 to 96 R.H. or L.H.

DE LUXE MODEL

\$3295

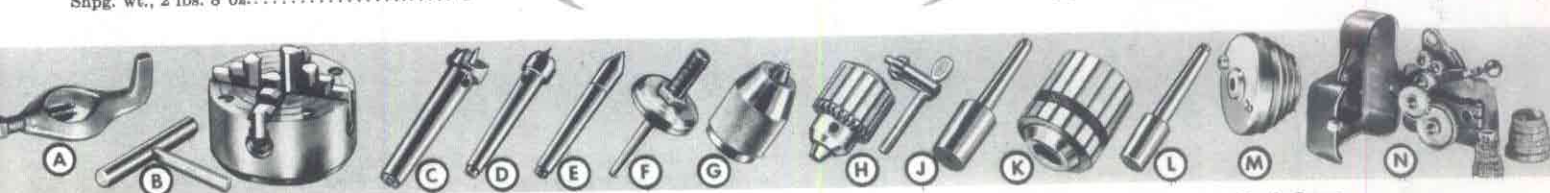
The only complete back geared, screw cutting metal lathe we know of in this price range!

- Built-in back gears—give slow speeds for more power and better metal turning.
- Threading gears are supplied to cut threads from 8 to 96 per inch.

Has all the fine features of the DUNLAP Standard Metal Turning Lathe described at left—but even more, it has back gears, threading gears, gear case, threading dial, face plate, special 4-step motor pulley and V-belt. Metal turning speeds are always much slower than wood turning speeds, particularly on large diameter work. The back gears give this slow speed, greater power, and a total range of eight 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 lathe of this size selling at anywhere near this price.

99 PT 02062—DUNLAP Deluxe Metal Turning lathe. Shpg. wt., 56 lbs. \$32.95



Lathe Dog

(A) Holds work firmly. Choice of 1/2, 3/4, 1 or 1 1/2-in. State size. Shpg. wt., 1 lb. 39c

4-Jaw Chuck

(B) 4 reversible jaws move independently. 3-in. diam. Key and back plate. Accurate. Fits 1/2-in. 24-thread spindle. For both lathes on this page. Shpg. wt., 3 lbs. \$5.25

Accessories for Above Lathes

- (C) 9 PT 2108—No. 0 Morse taper spur center. Shpg. wt., 3 oz. 65c
- (D) 9 PT 2109—No. 0 Morse taper cup center. Shpg. wt., 3 oz. 65c
- (E) 9 PT 2103—No. 0 Morse taper 60-degree center. Shipping weight, 3 ounces. 55c
- (F) 9 PT 2104—No. 0 Morse taper work arbor. Shpg. wt., 5 oz. 79c
- (G) 9 PT 2132—1/2-inch 3-jaw chuck. Fits 9 PT 2104 work arbor. Shipping weight, 12 oz. 65c

Jacobs 1/4-in. Chuck

- (H) Used in head or tailstock for holding drill bits with arbor 9 PT 2131 below. Shpg. wt., 2 lbs. 9 PT 2142—1/4 to 1/2-in. \$5.20
- (I) 9 PT 2143—0 to 1/2-in. 6.00
- (J) No. 0 Arbor for above chucks. Shpg. wt., 3 oz. 9 PT 2131 85c

Center Rest Chuck

- (K) Used on tallstock to support centerless armatures. Mounts on tallstock by means of arbor below. Shpg. wt., 3 lbs. 9 PT 2991 \$8.50
- (L) No. 0 Arbor for above center rest chuck. Shpg. wt., 3 oz. 9 PT 2133 85c

Back Gears

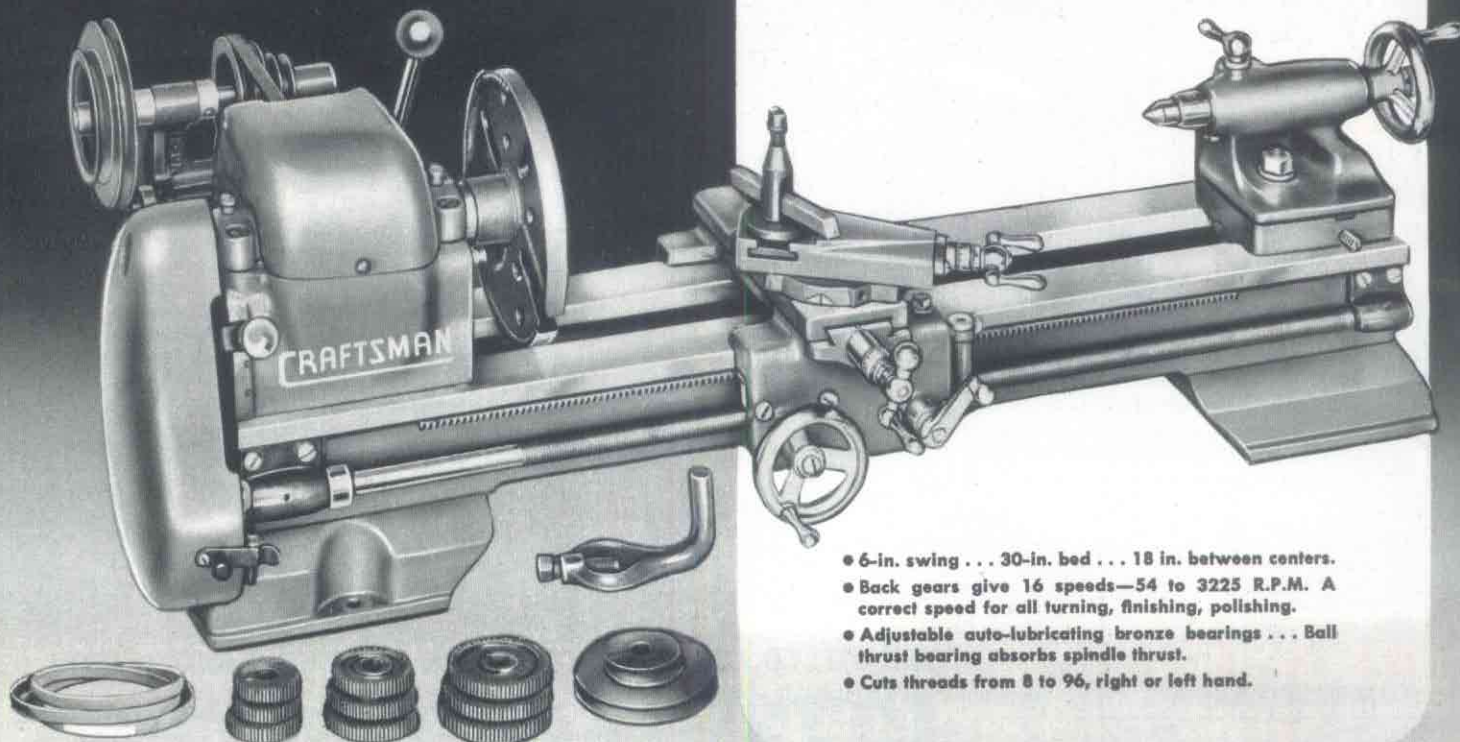
(M) To be used on 99PT02046 DUNLAP lathe above at left or 99 PT 02053 lathe listed previously. This unit assembly replaces regular headstock pulley. Gears are contained within pulley—can be thrown in or out of engagement. Give slower spindle speeds, much greater power. 9 PT 2082—Shpg. wt., 2 lbs. 8 oz. \$4.75

Threading Gears

(N) To be used on 99PT02046 DUNLAP lathe above at left or 99 PT 02053 lathe listed previously. Will cut threads from 8 to 96 per inch. Complete with gear cover and threading dial. 9 PT 2083—Shpg. wt., 10 lbs. \$9.95

CRAFTSMAN

MODEL MAKERS LATHE



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

- 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.	Gross Slide Travel	3 3/4 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 Nose 8 3/4 x 1 1/8 in. 1-in. 8 R.H. thread No. 2 Morse 3/4 in. Taper Hole	Motor Recommended	1/4 or 3/8 H.P. 1750 R.P.M.
Tailstock Taper	No. 1 Morse	Mounting Dimensions	4 1/4 x 27 1/8 in.

UNMATCHED ANYWHERE AT THIS PRICE!

\$68.50

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

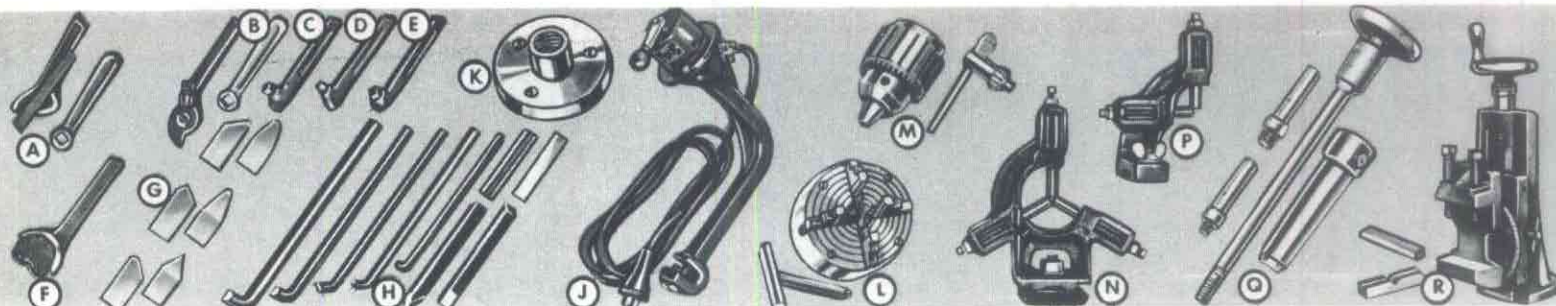
(Pages 26 and 27) in accuracy and precision!

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, 3/8-inch tool bit, bench type countershaft, motor pulley, 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. \$68.50

See your nearest Sears retail store or write your nearest Sears Mail Order House for delivery dates on the lathe and accessories on this page.



Tool Holders

Fit lathe above. Finest construction throughout. Special drop forged steel, heat treated and hardened. Accurately machined. Set screws are best alloy steel. Those holders using tool bits use 3/8-inch bits.

- A 9 PT 2037—Cut-Off Tool. Shipping weight, 14 oz. \$1.75
- B 9 PT 2031—Threading Tool. Shipping weight, 14 oz. 3.10
- C 9 PT 2033—Straight Tool Holder. Shpg. wt., 12 oz. 1.25
- D 9 PT 2034—Right Hand Tool Holder. Shpg. wt., 12 oz. 1.25
- E 9 PT 2035—Left Hand Tool Holder. Shpg. wt., 12 oz. 1.25
- F 9 PT 2036—Knurling Tool. Shipping weight, 14 oz. 3.25

Formed Tool Bits

Set of six 3/8-inch bits to fit tool holders at left. Ground to shape, ready for use. Shpg. wt., 5 oz. \$1.55

Tool Post Set

Set includes four boring bars, internal threading tool and external turning and threading tools, set of spacers. Shpg. wt., 14 oz. \$5.25

Reversing Switch

For reversing rotation of motor and spindle. Shpg. wt., 5 lbs. \$5.19

Face Plate

Fits 1-inch 8-thread spindle. Diameter, 3 1/2 inches. Shipping weight, 2 pounds \$1.50

Independent Chuck

Four reversible jaws move independently of each other. 4 inches in diameter. Fits 1-inch 8-thread spindle. Shipping weight, 4 lbs. 2 oz. \$5.95

4-inch Universal Chuck

3-jaw; self centering. Fits 1-in. 8-thread spindle. (Not shown). Shpg. wt., 4 lbs. 8 oz. \$16.45

Jacobs' Headstock Chuck

Accurate and convenient for holding small work. Capacity, 0 to 1/2 inch. Fits 1-inch 8-thread spindle. Shpg. wt., 4 lbs. \$11.00

Steady Rest

Mounts on bed. Gives additional support when turning long pieces. Handles diameters up to 2 1/2 in. Shipping weight, 5 lbs. 8 oz. \$4.10

Follower Rest

Mounts on back of carriage slide to support slender work. Shpg. wt., 3 lbs. 8 oz. \$2.95

Holding Collet

This device will hold threaded-hole angular milling and keyway cutters and 1/4-inch end mill (See Page 28). Shipping weight, 2 pounds. \$6.25

Milling Attachment

Has a graduated swivel vise, flat block, and V-block to hold cylindrical objects. Vise capacity, 2-inches. Vertical feed, 1 1/2 inches. Graduated angular swivel. Shipping weight, 8 lbs. 8 oz. \$13.95

CRAFTSMAN

METAL LATHE

Only a Few Dollars Down
on Sears Easy Terms!
See Inside Front Cover



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 1/2 in.
Swing Over Carriage	8 1/2 in.
Main Spindle Bearings	2; babbitt
Countershaft and Back Gear Bearings	4; oilite bronze
Spindle	1 1/2 in.; 8 R.H. No. 3 Morse; sleeve to No. 2 3/32-in. bore
Back Gear Ratio	About 6 to 1
Lead Screw	1/2 in.; 8 Acme threads per in.
Tailstock Ram Travel	2 1/2 in.
Gross Slide Travel	6 in.
Compound Rest Travel	2 1/2 in.
Tailstock Set Over	3/4 in.
Speeds	16; 28 to 2072
Motor Recommended	1/2 or 3/4 H.P. 1750 R.P.M.
Countershaft Pulley Supplied	2-step; 9 1/2 in. and 7 1/2 in. diam.
Motor Pulley Supplied	2-step; 4 1/2 in. and 2 in. diam.
Mounting Dimensions	6 1/2 x 35 1/2 in. (for 42-in. bed)

GUARANTEED ACCURATE TO WITHIN ONE-THOUSANDTH INCH

\$107⁵⁰
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 Lth.	Bed Centers	Shpg. Wt.	Less Motor
99 PTM 2065F	36 in.	18 in.	245 lbs.	\$107.50
99 PTM 2067F	42 in.	24 in.	255 lbs.	117.50
99 PTM 2069F	48 in.	30 in.	270 lbs.	127.50
99 PTM 2071F	54 in.	36 in.	275 lbs.	137.50

Because of the present National Emergency please consult your nearest Sears store or write Sears nearest Mail Order House for delivery dates of merchandise on this page.



Metal Lathe Manual

- (A) 234 pages of sound, practical, easy-to-follow directions. Fully illustrated with photographs and drawings. Shpg. wt., 1 lb. 98¢
9 PT 2925

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. 48¢
9 PT 4069—Shpg. wt., 8 oz.

Center Gauge

- (C) For checking lathe centers and setting threading tool. 45¢
9 PT 4064—Shpg. wt., 1 oz.

Center Drill

- (D) Combination drill and countersink. Choice of 1/2 or 3/8 inch size. State size wanted. Shipping weight, 1 ounce. 29¢
9 PT 2061

No. 2 Morse Taper Centers, Arbors

- (E) 9 PT 2111—60-Degree Center. Shipping weight, 7 ounces. 69¢
(F) 9 PT 2113—Precision Ball Bearings. 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. 95¢
(I) 9 PT 2161—Adapter Sleeve. To change from No. 2 to No. 1 Morse taper. Shipping weight, 5 ounces. 69¢

Lathe Accessories

- (K) 9 PT 2187—Drill Pad. Shipping weight, 1 lb. 2 oz. \$1.35
(L) 9 PT 2114—Crotch Center. For centering round work for tallstock drilling. Shpg. wt., 1 lb. \$1.35
(M) 9 PT 2124—Chuck Arbor. For Jacobs' drill chuck. Shpg. wt., 7 oz. 69¢
(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. 4.35

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. \$19.95

Independent Chucks

- (R) Toolmaker's choice for precision work. 4 reversible jaws, hardened and tempered. For 1 1/2-inch, 8-thread spindle as on lathes on these two pages.
9 PT 2139—6-inch. Shipping weight, 8 lbs. 12 oz. \$10.95
99 PT 02141—Heavy duty. 8-inch. Shpg. wt., 22 lbs. 17.95

CRAFTSMAN

METAL LATHE

Finest Lathe We've Ever
Sold! Many Extra Features!
Deluxe Fittings Throughout



SPECIFICATIONS

Over-all Height	20 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 1/2 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	1/2 or 3/4 H.P.; 1750 R.P.M. 99PT01955 or 99PT05584
Mounting Dimensions	6 1/2 x 35 1/2 in. (for 42-in. bed)
Other dimensions	See table on Page 26.

GUARANTEED ACCURATE WITHIN ONE-THOUSANDTH INCH

\$137⁵⁰

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 often 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.

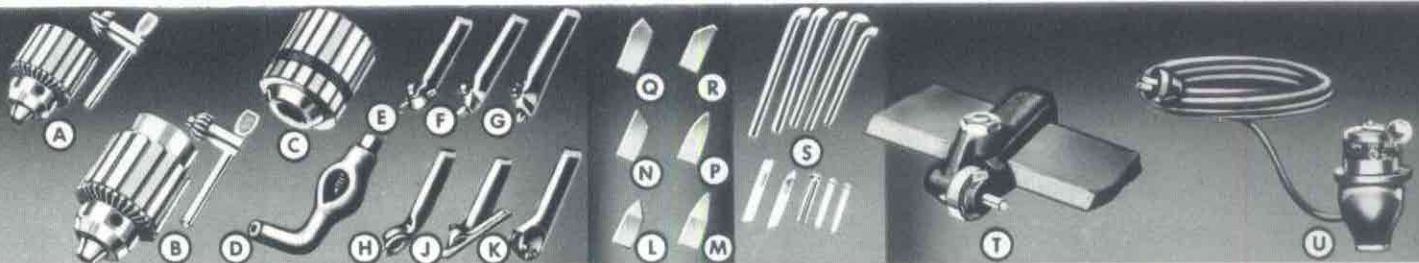
The reversible power cross feed makes it possible to do your facing work much more accurately—automatically! Pulling the knob

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. With-out motor. All models shipped from factory in southern Michigan.

Catalog No.	Bed Lgh.	Bed. Centers	Shpg. Wt.	Less Motor
99 PTM 2073F	36 in.	18 in.	265 lbs.	\$137.50
	Standard			
99 PTM 2075F	42 in.	24 in.	270 lbs.	147.50
99 PTM 2077F	48 in.	30 in.	285 lbs.	167.50
99 PTM 2079F	54 in.	36 in.	290 lbs.	167.50

Because of the present National Emergency please consult your nearest Sears Store or write your nearest Sears Mail Order House for delivery dates of merchandise on this page



Jacobs' Chucks

A Jacobs' Drill Chuck. When fitted with arbor 9PT2124 (Page 26), it may be used either in lathe head or tailstock for holding drill bits. Shipping weight, 2 lbs.
9 PT 2142—5/64 to 1/2-inch.....\$5.20
9 PT 2143—0 to 1/2-inch.....\$6.00

B Jacobs' Spindle Nose Chuck. For holding small work accurately. Hollow. Capacity 1/8 to 3/8 in. Fits threads on spindle or mounts on tailstock with chuck arbor 9PT2126 (Page 26). Shpg. wt., 4 lbs.
9 PT 2144.....\$13.25

C Jacobs' Center Rest Chuck. Use in tailstock with 9PT2126 chuck arbor to support centerless armatures. Shipping weight, 3 pounds.
9 PT 2991.....\$8.50

Lathe Dogs

D Hold work firmly. Heat treated set screw. Shipping weight, each, 1 lb.
9 PT 2183—State size wanted.
1/2-in.....55¢ 1-in.....79¢
3/4-in.....65¢ 1 1/2-in.....89¢

Tool Holders

Steel forgings, carefully finished. For 1/4-inch tool bits. Shanks are 3/8-inch high; 3/8-inch wide. Shipping weight, each, 2 pounds.
(E) 9 PT 2194—Offset, left.....\$1.35
(F) 9 PT 2192—Offset, right.....1.35
(G) 9 PT 2196—Straight.....1.35
(H) 9 PT 2198—Threading.....2.95
(J) 9 PT 2200—Cut-off.....1.75
(K) 9 PT 2202—Knurling tool.....3.65

6 Formed Tool Bits

1/4-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.....\$1.89

Tool Post Tool Set

S Includes 4 boring tools (3/16, 1/4, 5/16, 3/8-inch); 1/4-inch inside threading tool; 3/8-inch turning tool; 3/8-inch threading tool and set of tool post spacers. Shpg. wt., 2 lbs.
9 PT 2189.....\$5.25

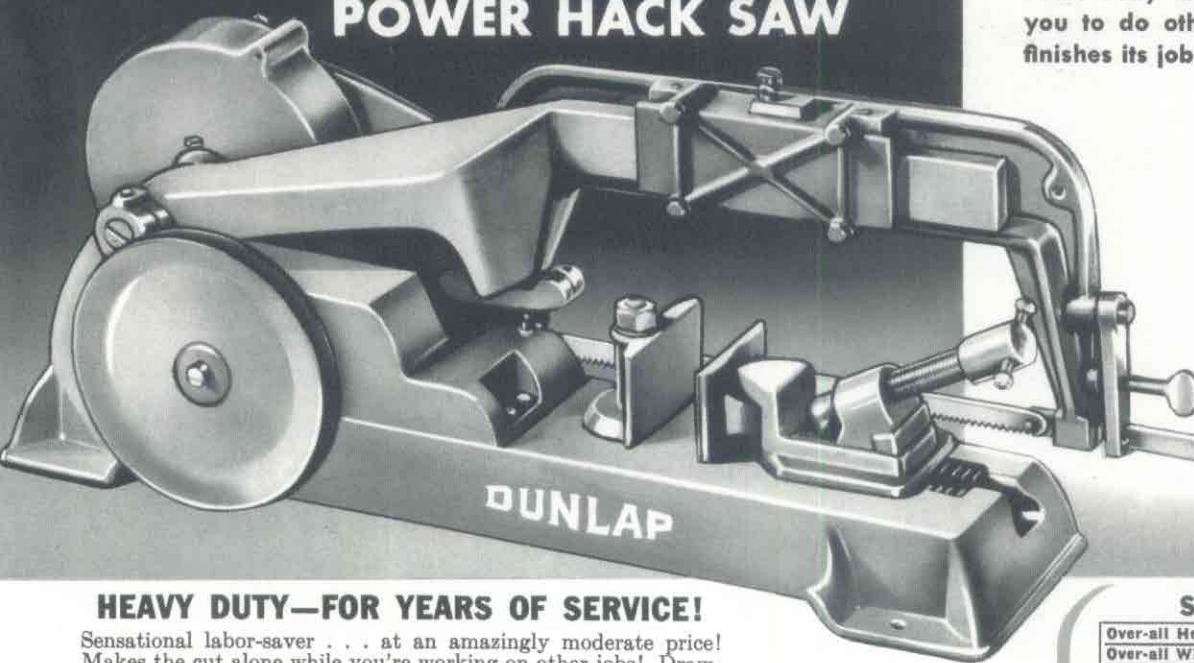
Micrometer Carriage Stop

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.....\$3.75

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.....\$4.95

DUNLAP AUTOMATIC POWER HACK SAW



HEAVY DUTY—FOR YEARS OF SERVICE!

Sensational labor-saver . . . at an amazingly moderate price! Makes the cut alone while you're working on other jobs! Draw-cut type with automatic relieving mechanism to lift the blade from the work on the back stroke, thus increasing blade life. Cuts iron, steel, brass, bakelite, etc. Will cut up to 4x4 inches at 90°. Finest quality extra large bronze bearings. Quick locking vise holds work firmly. Makes angle cuts 90 to 45 degrees. Takes any standard 12-inch power hack saw blade; one blade included.

99 PTM 2294—Shipping weight, 80 pounds. \$31.50

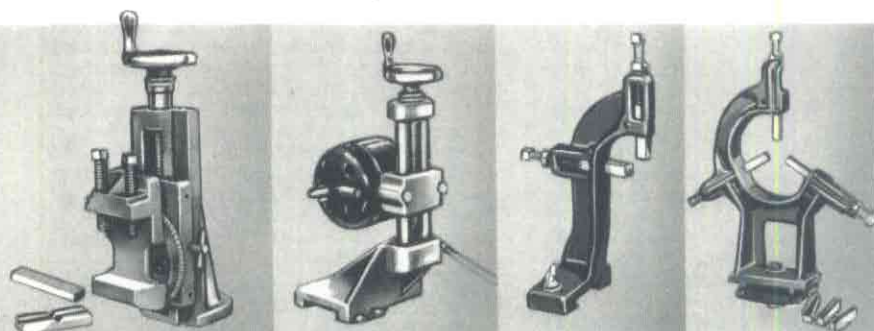
9 PT 6580—CRAFTSMAN 12-inch Power Blades. 14 teeth to the inch. Shipping weight, 1 lb. 2 oz. Dozen. 95c

\$31.50
Cash

Only \$4 Down
On Easy Terms—See
Inside Front Cover

SPECIFICATIONS

Over-all Height	10½ in.
Over-all Width	8 in.
Over-all Length	29½ 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	¼-H.P., 1750 R.P.M.
Machine Pulley (Supplied)	6½ in.
Motor Pulley (Not Supplied)	1½ in.
Mounting Dimensions	5¼x19½ in.



Milling Attachment

Designed to fit Sears screw cutting lathes on Pages 26 and 27. Has graduated swivel vise, V-block for holding cylindrical objects. Vise capacity, 2½ in. Vertical feed, 2¼ in. Micrometer graduated feed screw. Angular swivel accurately graduated in degrees. Shipping weight, 16 pounds.

99 PT 02987. \$16.45

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 2989. \$21.50

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 2¼ in. With extra jaws. Shpg. wt., 7 lbs.

9 PT 2050 \$5.45

CRAFTSMAN Metal Lathe Accessories

Universal Tool Post Grinder

- A fine general purpose grind or for machinists, etc.
- Spindle turns in pre-loaded ball bearings sealed against dust.

Grinds valves, cutters, pistons, bushings, reamers, valve stems and lathe centers. Undercuts mica. Mounts on tool post slide of compound rest. Two speeds, 6800 and 10,400 R.P.M. With motor, external and internal grinding wheels, quill for internal grinding, 5 mica undercutting saws and diamond wheel dresser. Universal motor for 110-120-volt D.C. or A.C., 25-60 cycles. Shipping weight, 23 pounds.

99 PT 02993. \$53.50

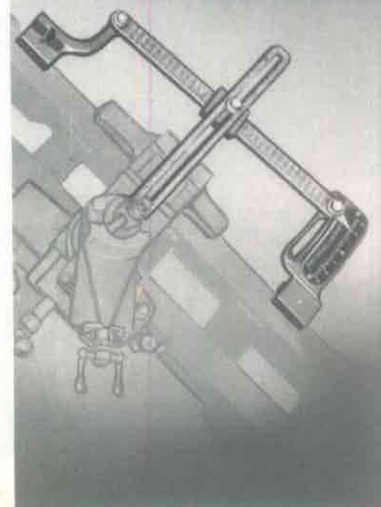
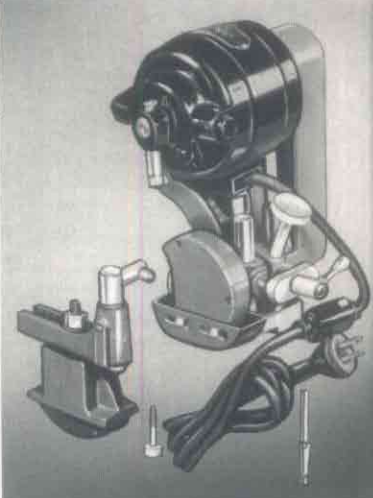
Taper Attachment

- 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 2¼ inches per foot. Fits CRAFTSMAN 12-inch lathes. (See Pages 26 and 27). Shipping weight, 10 pounds.

9 PT 2984. \$16.45



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.	Hole, In.	Price
1¼	¾	¾	\$4.45
1½	¾	¾	\$6.10

B Wood-ruff Keyway Cutters. Well made; ground. ½-in. shank. Shpg. wt., each, 4 oz. State size.

Diam., In.	Thick., In.	9 PT 2996
½	¾	\$2.85
¾	¾	\$3.10
1	¾	\$3.75
1¼	¾	\$4.25
1½	¾	\$4.75

C R.H. Cut, R.H. Spiral End Mills. Used with 9 PT 2994 and 9 PT 2985. Shpg. wt., each, 3 oz. State size.

Diam., In.	Flute, In.	9 PT 2997
¼	¾	\$1.85
¾	1¼	\$2.00
¾	¾	\$2.10
¾	¾	\$2.25
1	1½	\$2.50

Holding Collet

D For threaded-hole angular milling and keyway cutters, and ½-in. end mill. Shpg. wt., 3 lbs.

9 PT 2994 \$6.95

9 PT 2985—4 bushings for use with ¼, ¾, ¾-in. end mills. Shipping wt., 4 oz. \$1.19

CRAFTSMAN AND DUNLAP

ELECTRIC DRILLS



DUNLAP UTILITY DRILL

- Equipped with chuck which takes drills up to 1/4 inch. Fully enclosed double reduction gears.
- Rugged universal motor for use on A.C. or D.C. Ball bearing takes up end thrust on drill bit.

We believe this drill represents the most service and satisfaction ever offered at this price! Only Sears tremendous buying power, as the largest distributor of power tools in the world, makes an offer like this possible! It is sturdy and dependable for general work around the garage, shop and home. It's light and well-balanced... easy to handle... but it packs plenty of power! Runs smoothly and quietly without chatter.

Has well-made double reduction gear train, fully enclosed in motor casing. These double reduction gears give the drill extra power to handle heavier loads. No-load spindle speed, approximately 1500 R.P.M. Overall length, 11 1/2 inches. Universal motor for use on 110-120-volt A.C. or D.C. With handy toggle switch, 8-ft. rubber-covered cord and unbreakable plug.

9 PT 2575—Shipping weight, 6 pounds 6 ounces.....\$11.45

\$11.45



CRAFTSMAN 1/4-INCH PISTOL DRILL

Approved by Underwriters' Laboratories, Inc.

- Compare with drills selling for \$30 elsewhere.
- 1/4-in. Jacobs' key chuck... Double reduction gears.
- Sensational, modern, compact design.

To our knowledge, no drill of this type and quality has EVER been sold for less than \$30.00! It's the tremendously popular new, small size which is rapidly taking the place of large, unwieldy drills! Easy to handle; fits comfortably in palm of hand. Clearance length in line with chuck, only 7 inches.

We tried to stall this drill by using a 1/4-in. bit on steel plate, but it couldn't be done! Has 2 sets of precision ball bearings together with needle and bronze bearings. Equipped with powerful universal motor. No-load speed, 1600 R.P.M. For 110-120-volt A.C. or D.C. With built-in switch. 10-ft. rubber-covered cord, and unbreakable plug.

9 PT 2577—Shipping weight, 4 pounds 6 ounces.....\$17.75

\$17.75



DUNLAP 1/2-INCH DRILL

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

Has that extra power for those tough jobs. Note the remarkably low price for a 1/2-in. drill. Ideal for garages and maintenance men. Heat treated alloy steel gears, pinions, motor shaft and chuck spindle. Streamlined aluminum alloy housing. Top handle and rear grip removable for close quarter work. 1/2-in. capacity Jacobs' key chuck. Ball thrust bearing on spindle. Underwriters' Approved, fully enclosed, double-pole automatic releasing switch; locks for continuous running if desired. Length, 16 in. Operates on 110-120-volt A.C. or D.C. No-load spindle speed, 400 R.P.M. 10-ft. 3-wire rubber-covered cord, and unbreakable plug.

99 PT 02584—Shipping weight, 15 lbs...\$34.95

Grinding Arbor for Electric Drills

1/4-in. shank. Do not use with wheels larger than 4 in. Be sure to use grinding goggles.

9 PT 2593—Shipping wt., 6 oz.....49c



CRAFTSMAN HEAVY DUTY DRILL

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

Compare with drills selling for 25% more elsewhere. When heavy jobs demand a drill with plenty of surplus power, the CRAFTSMAN Heavy Duty Drill is your answer! We guarantee it will not stall when used with the maximum size drill listed below.

Equipped with genuine Jacobs' key chuck. The heat treated chrome nickel steel reduction gears actually improve with use. Underwriters' Approved double pole automatic releasing switch locks for continuous running. Universal motor for use on 110-120-volt A.C. or D.C. Complete with 10-foot 3-wire rubber covered cord, and unbreakable plug. Overall length, 13 1/2 inches.

Catalog No.	Size Drill	No-Load Speed	Shpg. Wt.	Price
9 PT 2580	1/4-inch	2,000 R.P.M.	10 lbs.	\$38.95
9 PT 2582	3/8-inch	1,000 R.P.M.	10 lbs.	44.95

\$38.95



CRAFTSMAN EXTRA HEAVY DUTY

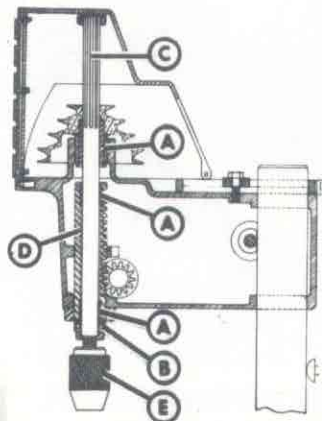
- Famous Westinghouse extra heavy duty universal ball bearing motor.
- Spindles run on precision ball bearings sealed in oil.
- Triple reduction gears are heat-treated chrome nickel steel. Actually improve with use.
- Equipped with genuine Jacobs' key chuck.
- Meet exacting A.I.E.E. and N.E.M.A. standards.

Our finest drill! Built for heaviest production work in auto repair shops, factories and mills! We guarantee it won't stall on any job, when used with the largest drill size specified below. Triple reduction gears actually improve with use! Armature shaft runs on oil sealed ball bearings. Underwriters' Approved, fully enclosed double-pole automatic-releasing switch; locks for continuous running. Top handle and rear grip removable for close quarter work. For 110-120-volt A.C. or D.C. With 10-foot 3-wire rubber covered cord and unbreakable plug.

Catalog No.	Size Drill	No-Load Speed	Shpg. Wt.	Price
99 PT 02585	1/4-inch	750 R.P.M.	27 lbs.	\$52.95
99 PT 02586	3/8-inch	525 R.P.M.	30 lbs.	56.95
99 PT 02587	1/2-inch	475 R.P.M.	31 lbs.	62.95

DUNLAP
REG. U. S. PAT. OFF.

BRONZE BEARING DRILL PRESS



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

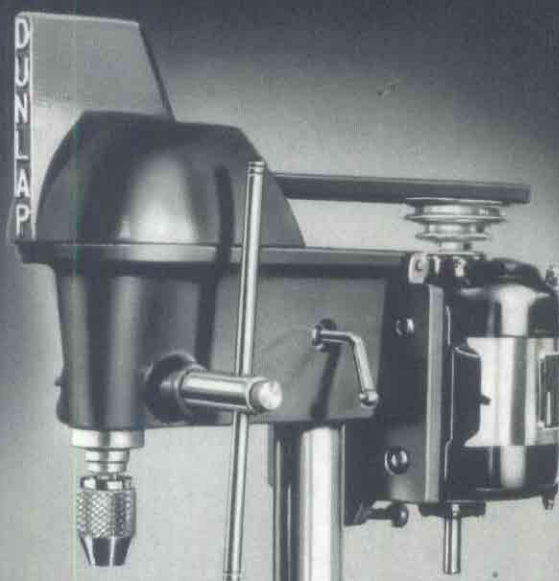
(A) Three extra-large, long-life bronze spindle bearings.

(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.



New Design! New Features!

\$1775
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! New modern streamlined design... New hinged belt guard easily thrown back to change speeds... New larger column... New hinged motor mounting designed for quick change of belts... New circular drum type depth gauge always shows depth of holes being drilled.

Ideal for drilling operations in the small shop; also capable of handling occasional mortising, carving, routing and shaping jobs, with the proper attachments (shown on Pages 34 and 35). Range of nine speeds 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. Available for shipment about October 30, 1941.

99 PTM 2376—DUNLAP Bronze Bearing Drill Press with V-belt, 4-step motor pulley, 1/2-inch 3-jaw chuck. Less motor. Shpg. wt., 65 lbs.... **\$17.75**

99 PTM 2377—As above, but with 1/3-H.P. motor 99 PT 01955 on Page 42. Shpg. wt., 97 lbs.... **\$29.95**



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	5/64	3/32	7/64	1/8	9/64	5/32
Shipping weight.....	1 oz.	1 oz.	1 oz.	1 oz.	1 oz.	1 oz.	1 oz.
9 PT 6698—Carbon Steel.....	8c	9c	9c	9c	10c	10c	10c
9 PT 6699—High Speed Steel.....	17c	19c	19c	20c	21c	22c	23c
Diameter, inch.....	3/16	1/4	5/16	3/8	7/16	1/2	5/8
Shipping weight.....	1 oz.	1 oz.	2 oz.	2 oz.	3 oz.	4 oz.	5 oz.
9 PT 6698—Carbon Steel.....	11c	14c	16c	23c	30c	43c	60c
9 PT 6699—High Speed Steel.....	27c	33c	40c	55c	75c

Twist Drill Sets. Handy container included. Sets include 1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 1 inch sizes. Shpg. wt., 6 oz.

9 PT 6685—Set of 7 CRAFTSMAN carbon steel drills..... **75c**

9 PT 6686—Set of 7 CRAFTSMAN high speed steel drills..... **\$1.75**

30... SEARS, ROEBUCK AND CO.

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 1/4 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.
Machines and Motor Pulleys Supplied	4-step, 4-inch
Recommended Mounting	Metal Stand, 99 PT 02744
Mounting Dimensions	13 1/2 x 8 1/2 in.

DUNLAP 3/8-INCH DRILL PRESS →

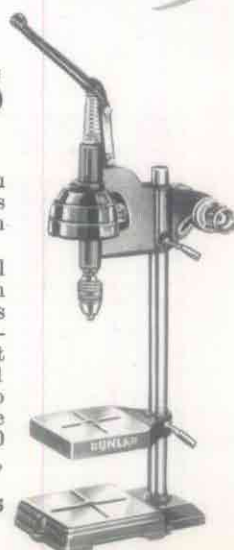
- Drills to the center of an 8-inch circle.
- High grade auto-lubricating bronze bearings.
- Ball thrust bearing absorbs spindle thrust.
- Sensitive hand lever feed—spring loaded.
- Equipped with quick-adjusting idler pulleys.

\$845

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.

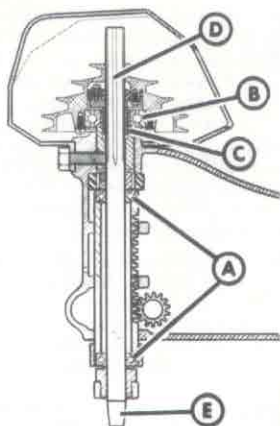
The DUNLAP 3/8-Inch Drill Press easily handles both metal and wood. Has adjustable drill head and table. 3-speed, 3-inch cone drive pulley on spindle is covered by safety-guard. Has 5-inch square table to give firm support to work. Husky 6 1/2 x 10-inch square base. Full 3/4-inch spindle is reduced to 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, 30 inches; width, 6 3/4 inches; depth, 13 1/4 inches. Shipping weight, 20 pounds.

99 PT 02363..... \$8.45



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, accurate, 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.

\$34⁹⁵ 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 (shown on Pages 34 and 35) you can easily convert this drill press into an efficient spindle shaper—or use it for mortising, routing, sanding, and dovetailing with equally fine results.

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.

99 PTM 2380—CRAFTSMAN Ball Bearing Drill Press, without motor. With Jacobs' chuck and key, V-belt and motor pulley. Shipping weight, 85 pounds. **\$34.95**

99 PTM 2385—Same CRAFTSMAN Drill Press as above, but with 1/3-H.P. ball bearing double shaft motor 99 PT 01955 described on Page 42. Shipping weight, 112 pounds. **\$47.95**

Consult your nearest Sears Retail Store or Mail Order House for delivery information on items on this page.



SPECIFICATIONS

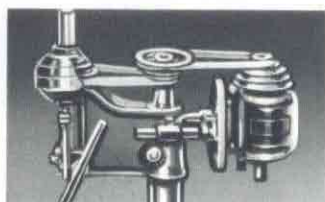
Over-all Height	35 3/4 in.
Over-all Width	17 1/4 in.
Over-all Depth (With Motor)	24 in.
Jacobs' Chuck	5/64 to 1/2 in.
Spindle (Tapered)	6-spline
Bearings	3 ball
Drills to Center of Spindle Travel	12 3/4 in. circle
Table to Chuck (Max.)	9 1/2 in.
Base to Chuck (Max.)	13 1/4 in.
Column Diameter	2 1/4 in.
Table Travel	9 1/8 in.
Table Size	8 x 9 in.
Base Size	8 x 9 in.
Depth Gauge Graduated	0 to 4 in.; 1/16 in. div.
Speeds	9: 600 to 5200 R.P.M.
Motor Recommended	1/3 or 1/2 H.P., 1750 R.P.M. Condenser
Machine and Motor Pulleys Supplied	4-step, 5-in.
Recommended Mounting	99 PT 02744, machine stand
Mounting Dimensions	9 1/2 x 14 1/4 in.



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.

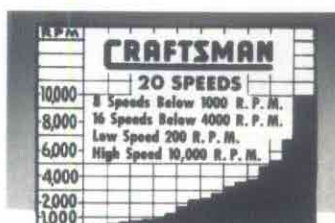
9 PT 2427... 98c



Multi-Speed Attachment

Provides a wide speed range for best results on all kinds of drilling, routing, etc. May be used on 99 PTM 2380 above, and some other drill presses with columns with inside diameter of 2 inches (plus or minus .005 inch). Use 1/3-H.P. motor 1750 R.P.M. for high speed operation. 1/4-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... \$6.60



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.

CRAFTSMAN DRILL PRESS

HEAVY DUTY TYPE



NEW STREAMLINED DESIGN!

\$39⁹⁵

Without Motor

- "Floating Drive" spindle assembly insures smoothest possible performance.
- Equipped with four sets of precision ball bearings.
- New modern design . . . New hinged motor mounting . . . New hinged belt and pulley guard completely covers pulleys and belt for safety.
- Tapered type spindle has 6-splined drive.
- Equipped with $\frac{1}{4}$ -inch to $\frac{1}{2}$ -inch Jacobs' chuck.
- Drills to the center of a $13\frac{3}{4}$ -inch circle.

Entirely new! We've NEVER sold a drill press like it before! Has features you'll find in no other drill press made! New modern streamlined design . . . New hinged belt guard supplied as standard equipment—completely covers pulleys and belt . . . New large column . . . New hinged motor mounting . . . New 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 (shown on Pages 34 and 35). Handles either metal or wood.

Sears time-tested "Floating-Drive" spindle assembly assures smooth operation. 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 is an entirely new design—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.

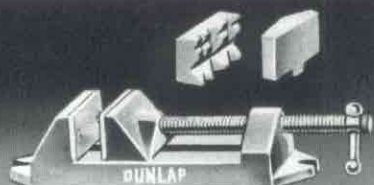
Ground gray iron table is ribbed for extra strength and is carried on the new column type support shown at left. Has a new tool ledge to hold drill bits, etc. Holder is provided for chuck key. Heavy base is machined to serve as an auxiliary table. Stop gauge indicates the depth of holes being drilled, and has a stop for repetitive drilling. Spring-loaded feed is adjustable for tension. For complete specifications, see table on opposite page. Available for shipment about October 30.

99 PTM 2382—CRAFTSMAN Drill Press without motor. With Jacobs' chuck and key, V-belt and motor pulley. Shipping weight, 98 pounds. **\$39.95**

99 PTM 2383—Same as above, but with $\frac{1}{2}$ -H.P. ball bearing double shaft motor, 99 PT 01955, described on Page 42. Shipping weight, 130 pounds. **\$52.95**



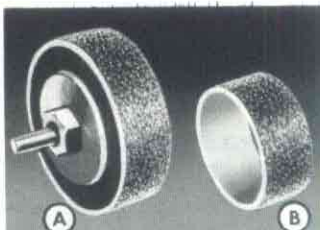
Exclusive new column-type table support assures great strength and rigidity to keep table in accurate alignment even under very heavy drilling loads. Table tilts any angle to 90 degrees both ways. Graduated scale shows angle of tilt. Has a locating pin for use in resetting table at normal level position.



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. $2\frac{3}{8}$ -inch jaws open 3 inches. Over-all length, 10 $\frac{1}{4}$ 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. **\$2.75**

9 PT 2436.



Sanding Drums

- A Has $\frac{1}{4}$ -inch shaft. Use in collet chuck. 1 inch wide. State diameter.
- 9 PT 2439—Shipping wt., 4 oz.
 $1\frac{1}{2}$ -inch diameter. **45c**
 $2\frac{1}{4}$ -inch diameter. **85c**
 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.
 $1\frac{1}{2}$ -inch diameter. Six for. **39c**
 $2\frac{1}{4}$ -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. Correctly designed; very accurately machined and finished. Shipping weight, 8 ounces. **98c**

9 PT 2445.



Drill Press Collar

Locks on column under head. Supports head when clamp is released. Makes it easy to swing the head for working at various points over the table.

9 PT 2429—For drills on the opposite page and other drills with $2\frac{3}{4}$ -inch outside diameter column. Shipping weight, 4 pounds 8 ounces. **98c**

9 PT 2421—Not shown. For drills on this page and other drills with $2\frac{1}{2}$ -inch outside diameter column. Shipping weight, 3 lbs. **98c**



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. **19c**

9 PT 2921.

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.

\$44⁹⁵

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 (see Pages 34 and 35).

99 PTM 2407—CRAFTSMAN Heavy Duty Bench Model Drill Press with motor pulley, belt and Jacobs' chuck (0 to 1/2-inch). Less motor. Shipping weight, 115 pounds. **\$44.95**

99 PTM 2388—As above, with 1/2-H.P. motor (99PT01955, Page 42). Shpg. wt., 147 lbs. **\$57.95**

CRAFTSMAN Floor Type Drill Presses

99 PTM 2392—CRAFTSMAN Heavy Duty Floor Type Drill Press with motor pulley, belt and standard pulley guard. Less motor and head lift. Shpg. wt., 150 lbs. **\$48.95**

99 PTM 2393—Same as 99PTM2392 above, but with 99PT01956 1/2-H.P. motor (Page 42). Shpg. wt., 180 lbs. **\$65.95**

99 PTM 2423—Same as 99PTM2392, but with head lift and hinged belt and pulley guard (illustrated in small insert). Without motor. Shpg. wt., 185 lbs. **\$68.95**

99 PTM 2424—Same as 99PTM2423, but with 99PT01956 1/2-H.P. motor (Page 42). Shpg. wt., 215 lbs. **\$86.50**

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

99 PT 02419—For floor models only. Shpg. wt., 18 lbs. **\$10.75**

Consult Sears nearest store or write Sears nearest Mail Order House for delivery dates of merchandise on this page.



Floor Type Drill Presses (99 PTM 2424 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 3/4 in.	2 3/4 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. Condenser	1/2 or 1/2-H.P. 1750 R.P.M. Condenser	1/2 or 1/2-H.P. 1750 R.P.M. Condenser
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 42-43). Fits drills on this page and some other drills with inside column diameter of 2 1/4 in. plus or minus .005. Shpg. wt., 5 lbs. 9 PT 2394 **\$6.60**



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 1/4-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.

DRILL PRESS ACCESSORIES



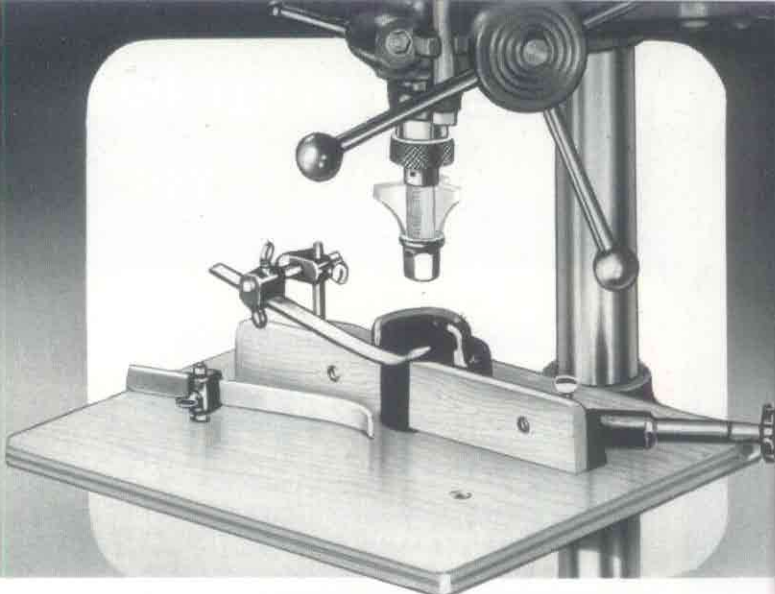
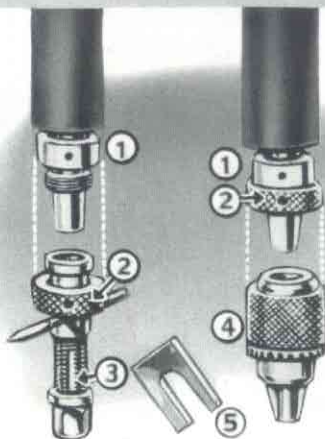
ADAPTERS AND CHUCKS FOR TAPER SPINDLES

Designed for tapered spindles on our drill presses and shaper 99 PTM 2309 (Page 13). Mounted as described below.

- (A) 9 PT 2434—Adapter for $\frac{3}{16}$ -inch bore shaper cutters. Shipping weight, 7 ounces..... \$1.35
- (B) 9 PT 2435—Adapter for $\frac{1}{2}$ -inch bore shaper cutters. Shipping weight, 7 ounces..... 95c
- (C) 9 PT 2438—Sash cutter. Shipping weight, 4 oz.... \$1.60
- (D) 9 PT 2437—Adapter for above sash cutter. Shipping weight, 6 ounces..... \$1.35
- (E) 9 PT 2451—Collet chuck for $\frac{1}{2}$ -in. threaded spindle. Shipping weight, 3 ounces..... 79c
- (F) 9 PT 2450—Collet chuck for tapered spindle. For $\frac{1}{2}$ -in. shank. Shipping weight, 6 ounces..... 98c
- 9 PT 2452—Collet chuck for tapered spindles. Takes cutters with $\frac{1}{2}$ -inch shank. Shpg. wt., 6 oz. 98c

Simplified Tapered Spindles (See Left)

Permanently installed in Sears drill presses by master machinists. No need to remove spindle when changing chucks. Lower end of spindle (1) is tapered below threaded part to handle all accessories. Wedge (5) may be used to remove chuck (4) if so desired. Knurled ring (2) is threaded inside; fits on outside of collet chuck or shaper adapter (3); securely locks in position. For safety be sure to use collet chuck when routing.



DRILL PRESS SHAPING ATTACHMENT

\$945

99 PT 02430

You can convert your drill press into an efficient spindle shaper by bolting this shaping table directly on the drill press table. On tapered spindle drill presses a shaping adapter is then mounted and locked on the spindle as described at left. Cutters are mounted on the adapter. On threaded spindle drill presses, cutters are mounted directly on the spindle and locked in position with the 9 PT 2465 lock nut shown below.

The large, beautifully finished table measures 14x18 inches. The fence is like that on our shaper 99 PT 02317 (on Page 13), and is fully adjustable. Hold-down clips, guard, guide and all necessary fittings are included with the complete outfit except adapters and cutters.

- 99 PT 02430—Complete shaping attachment. Adapters and cutters not included. Shipping weight, 17 lbs..... \$9.45
- 9 PT 2428—Guard and guide only. Shpg. wt., 4 lbs. 12 oz.... 3.45
- 9 PT 2455—Spring clips only. Shpg. wt., 3 lbs. 14 oz..... 1.85

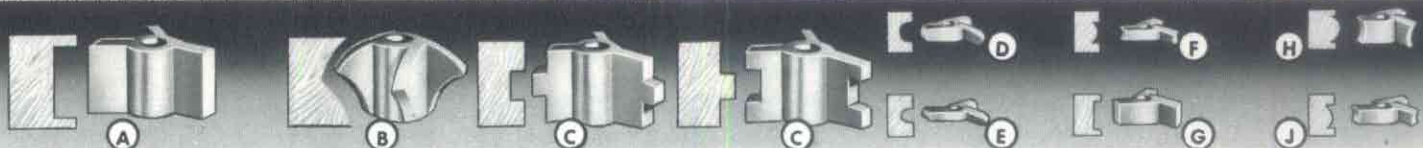


With the Cutters Listed Below Almost Any Contour May Be Formed

Made from special alloy steel, accurately machined and ground. Carefully hardened and tempered. May be sharpened by grinding front face on flat fine grit wheel.

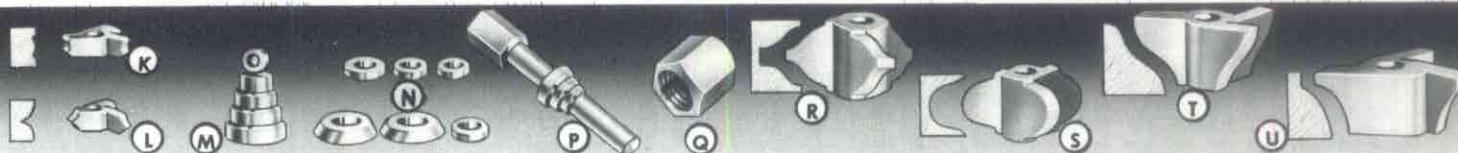
- 9 PT 2319— $\frac{1}{4}$ -inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{4}$ -inch radius. Each..... 89c
- 9 PT 2321— $\frac{1}{4}$ -inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{4}$ -inch radius. Each..... 89c
- 9 PT 2323—1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{4}$ -inch radius. Each..... 98c
- 9 PT 2325—1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{4}$ -inch radius. Each..... 98c
- 9 PT 2327—1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{4}$ -inch radius. Each..... 98c
- 9 PT 2329—1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{4}$ -inch radius. Each..... 98c
- 9 PT 2331—1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{4}$ -inch radius. Each..... 98c

Shipping weight of the above accessories is 6 ounces each.



- (A) 9 PT 2333—1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{4}$ -inch radius. Each..... 98c
- (B) 9 PT 2335—1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{4}$ -inch radius. Each..... 98c
- (C) 9 PT 2365—A complete matched set of tongue and groove cutters to be used in connection with your shaper or drill press. Matched for accurate fit to give a clean, smooth joint at all times. 1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{4}$ -inch radius. Shipping weight, 10 ounces..... \$1.95
- (D) 9 PT 2340— $\frac{1}{2}$ -inch high, $\frac{3}{4}$ -inch bore, $\frac{1}{4}$ -in. radius..... 65c
- (E) 9 PT 2342— $\frac{3}{4}$ -inch high, $\frac{3}{4}$ -inch bore, $\frac{1}{4}$ -in. radius..... 65c
- (F) 9 PT 2344— $\frac{3}{4}$ -inch high, $\frac{3}{4}$ -inch bore, $\frac{1}{4}$ -in. radius..... 65c
- (G) 9 PT 2350— $\frac{1}{2}$ -inch high, $\frac{3}{4}$ -inch bore, $\frac{1}{4}$ -in. radius..... 65c
- (H) 9 PT 2354— $\frac{3}{4}$ -inch high, $\frac{3}{4}$ -inch bore, $\frac{1}{4}$ -in. radius..... 65c
- (J) 9 PT 2356— $\frac{1}{2}$ -inch high, $\frac{3}{4}$ -inch bore, $\frac{1}{4}$ -in. radius..... 65c

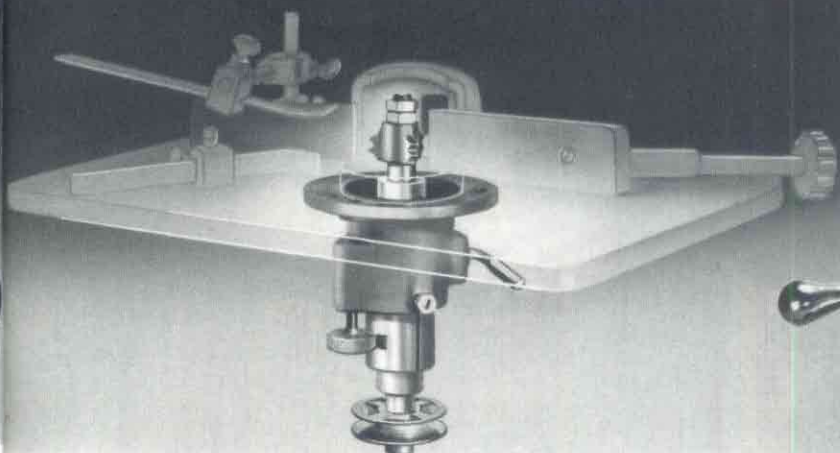
Shipping weight of the above accessories is 6 ounces each unless otherwise specified.



- (K) 9 PT 2359— $\frac{1}{2}$ -in. high, $\frac{3}{4}$ -inch bore, $\frac{1}{4}$ -inch radius..... 65c
- (L) 9 PT 2362— $\frac{1}{2}$ -in. high, $\frac{3}{4}$ -inch bore, $\frac{1}{4}$ -inch radius..... 65c
- (M) 9 PT 2367—6 shaper collars. Fit $\frac{1}{2}$ -inch spindle. \$1.50
- (N) 9 PT 2368—6 shaper collars. Fit $\frac{1}{2}$ -inch spindle..... 49c
- (P) 9 PT 2433—Adapter for $\frac{3}{16}$ -in. bore cutters. Fits in standard 9 PT 2451 collet chuck. 39c
- (Q) 9 PT 2465—Cutter lock nut. Fits our standard $\frac{1}{2}$ -in. spindles. Shpg. wt., 1 oz..... 5c
- (R) 9 PT 2345—Large size cutter. 1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{4}$ -in. radius..... \$1.85
- (S) 9 PT 2346—Large size cutter. 1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{4}$ -in. radius..... \$1.85
- (T) 9 PT 2347—Large size cutter. 1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{4}$ -in. radius..... \$1.85
- (U) 9 PT 2348—Large size cutter. 1-inch high, $\frac{1}{2}$ -inch bore, $\frac{1}{4}$ -in. radius..... \$1.85

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

DRILL PRESS ACCESSORIES



CRAFTSMAN BALL BEARING SHAPER MANDREL

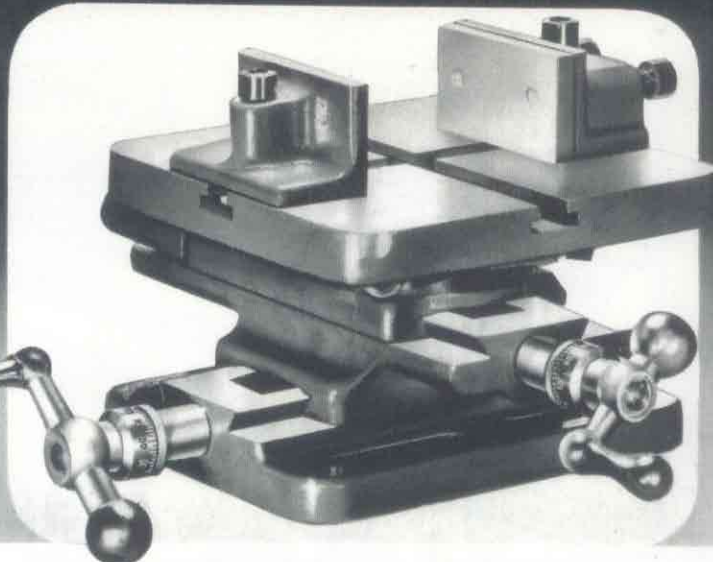
Make your own shaper with this mandrel—and save! Finest quality CRAFTSMAN construction is built into this high speed ball bearing spindle. Built so you can mount it on a solid table and construct your own shaper around it!

\$745

Has screw feed height adjustment. By turning knurled wheel the entire spindle and bearing assembly may be raised and lowered as desired. Handle is provided to lock the assembly at the desired height. In this way the position of a shaper cutter can be adjusted to get exact cut desired. Large flange on frame has screw holes for mounting to table. Bearings used are CRAFTSMAN precision ball bearings, grease sealed for long life and smooth, efficient operation. Spindle is 1/2-inch threaded, designed to take 1/2-inch bore cutters.

This ball bearing mandrel may also be used as a high speed spindle in various set-ups, for grinding, sanding and many other applications. The complete outfit includes spindle, housing, bearings, mounting flange and V-belt pulley but does not include cutters or table. A versatile time and labor saving tool at a money-saving price! Shipping weight, 12 pounds.

9 PT 2311—CRAFTSMAN Ball Bearing Shaper Mandrel.....\$7.45



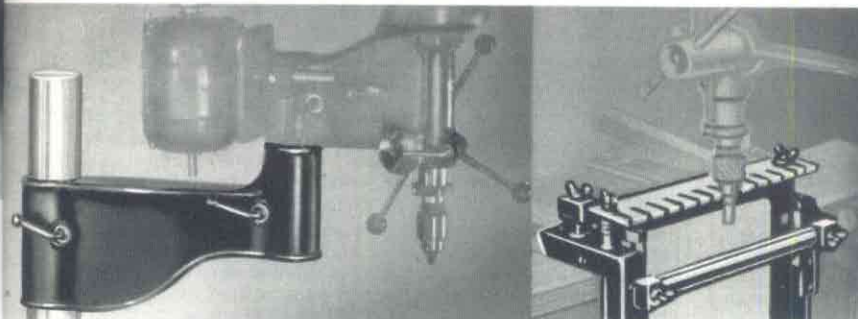
CRAFTSMAN DRILL PRESS MILLING VISE

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

\$21⁷⁵

Bolts on drill press table. The work is locked on the table between two adjustable jaws. By use of the two cross feed controls, work may be moved to any desired position. Base is graduated through 180° so vise table may be rotated to any angle and set accurately. Table is 7x7 inches. The travel on both cross feeds is 6 inches. Capacity of vise, 3 1/2 inches. Husky jaws are 3 inches wide; 1 1/2 inches high. Dovetailed ways assure smooth, accurate operation at all times. Complete as shown, with wrench and necessary bolts. Shipping weight, 18 pounds.

99 PT 02432—CRAFTSMAN Milling Vise.....\$21.75



Drill Press Radial Arm

With this radial arm you will more than double the capacity of your drill press. It increases the distance from main column to chuck to 24 inches. Enables you to drill to center of a 48-inch circle. Can be swung to almost any position. When used in conjunction with column collar, arm can be left loose on column and head swung about for routing and similar operations. Ideal for patternmakers and similar shops needing capacity for large work.

Extra heavy casting provides necessary great rigidity. Co-ordinate clamps lock arm rigidly to column. Can be used only with floor type presses, such as 99PTM2392 or 99PTM2423 (Page 33). 99 PT 02418—Shipping weight, 35 pounds.....\$12.75

Dovetailing Attachment

Makes perfect dovetail joints. Pieces to be dovetailed are held at right angles in clamps. Cutter is guided by means of a slotted metal comb which controls the spacing and depth of cut. Both pieces to be dovetailed are cut at one setting thus assuring a perfect fit.

Complete with end plates, comb, screw fittings and clamps for holding the work, and a 1/4-inch dovetail router. The wood parts are not supplied. United States Patent Number 1651510. Shipping weight, 4 pounds 1 ounce.

9 PT 2462.....\$5.25

Hold-Down and Guide

Indispensable in mortising as fingers on hold-down prevent work from being lifted when chisel is raised. Adjustable for thick or thin material. Fence keeps the work lined up. Attachment bolts to drill press table and may be adjusted forward and back by loosening bolts.

Fence part can be used without hold-down as a guide in routing, inlay work, repetitive drilling, etc. Heavy gray iron construction. Shipping wt., 6 lbs. 6 oz. \$2.25

Hollow Chisel Mortising

To cut square holes with drill press.

① 9 PT 2461—Mortising chisel housing. Mounts on quill of drill press. Used with collet chuck, chisels and bits below. Shipping weight, 3 lbs.....\$2.10

② 9 PT 2420—Hollow chisel for 9PT2461. 1/4, 3/8 or 1/2-inch. State size wanted. Shpg. wt., 4 oz.....\$1.49

③ 9 PT 2422—Mortising bit for 9PT2420. 1/4, 3/8 or 1/2-inch. State size wanted. Shpg. wt., 4 oz.....\$1.39

9 PT 6458—Mounted grinding point for sharpening hollow chisels. Shpg. wt., 3 oz.....49c



Heat Treated Tool Steel Cutters For Routing, Carving and Dovetailing

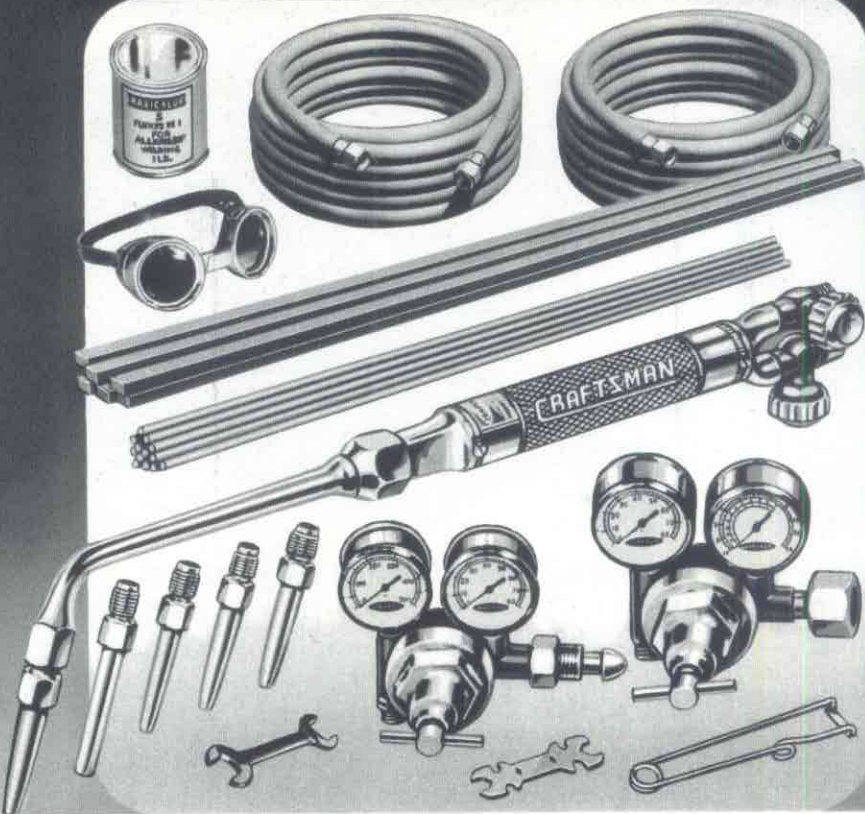
A complete set will equip your drill press for accurate carving, round end mortising, dovetailing, boring, round edging, reeding and general routing. Made of finest quality high carbon tool steel, carefully heat treated for keen, long-lasting edges.

All cutters are perfectly ground to exact dimensions. Fast, free, clean and smooth cutting. All have 5/16-inch shanks to fit 9 PT 2450 or 9 PT 2451 collet chucks. (see opposite page). Do not use these cutters in Jacobs' drill chucks.

9 PT 2400 1/4-inch Router 69c	9 PT 2401 1/4-inch Router 79c	9 PT 2402 1/4-inch Router 89c	9 PT 2403 1/4-inch Router \$1.00	9 PT 2404 1/4-inch Router \$1.19	9 PT 2405 1-inch Router \$1.45	9 PT 2409 1/4-in. Dove-tail Router 69c	9 PT 2410 1/4-in. Dove-tail Router 75c	9 PT 2411 1/2-in. Dovetail Router 79c	9 PT 2415 1/4-in. Carving Router Bit \$1.19	9 PT 2416 1/4-in. Carving Router Bit \$1.29
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Shipping weight of the above accessories is 6 ounces each.

ELECTRIC ARC WELDERS



CRAFTSMAN ACETYLENE WELDING OUTFIT

• Approved by Underwriters' Laboratories, Inc. Compare this super-quality outfit with those selling for \$75.00 elsewhere! Extra heavy duty! Made by one of America's leading manufacturers of welding tools.

\$49⁵⁰

—Sensational Money-Back Trial Offer. Order this outfit the usual way, for Cash or on Easy Terms. If it isn't the finest you've seen ANYWHERE within \$25.00 of its price—return it within 10 days and we'll refund every cent you've paid!

—Triple Assurance of Quality. (1) Approved by Underwriters' Laboratories. (2) Tested and re-tested during production. (3) Has passed Sears rigid laboratory tests.

—Notice These Super-Quality Features. All joints are ground and hand fitted to eliminate possibility of leaks... Every part is individually tested... Regulators have patented safety pressure relief devices.

Has heavy duty 17½-inch solid bronze non-flash torch with 6-inch bronze gooseneck and mixer. Five wide-range tips (A-1, A-2, A-3, A-4, A-5) made of heavy one-piece solid drawn copper, highly polished. Solid bronze oxygen and acetylene regulators. Each regulator has two pressure gauges with solid brass cases—3000 and 80-pound on oxygen regulator; 500 and 80-pound on acetylene regulator.

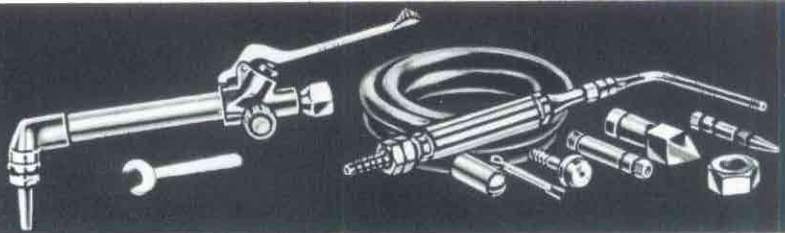
Complete with two 12½-ft. lengths of ¼-inch high pressure hose, tested to 600 lbs. per square inch; 26 assorted welding rods; flux for all kinds of welding; lighter; two wrenches; Navy specification goggles; and 224-page Welder's Handbook. May be used as a cutting outfit with attachment 9 PT 5444 below.

99 PT 05442—Shipping weight, 28 pounds..... \$49.50

Parts and Accessories for CRAFTSMAN Acetylene Welding Outfits

9 PT 5429—Model A Welding Torch. 17½ in. With 6-in. mixer. Cuts steel with attachment 9 PT 5444 below. Shpg. wt., 3 lbs. ¼-inch Hose. With swivel connection. 9 PT 5437—Oxygen high pressure hose. 12½ ft. Shpg. wt., 1 lb. 13 oz. \$2.50
25 ft. Shpg. wt., 4 lbs. \$3.75
9 PT 5438—Acetylene high pressure hose. 12½ ft. Shpg. wt., 1 lb. 13 oz. \$2.50
25 ft. Shpg. wt., 4 lbs. \$3.75
9 PT 5439—Oxygen Regulator. 80 and 3000-lb. gauges. Shpg. wt., 4 lbs. \$14.75
9 PT 5431—Acetylene Regulator. 80 and 500-lb. gauges. Shpg. wt., 4 lbs. \$12.75

9 PT 5440—Ninety Assorted Welding Rods. Bronze, cast iron, and mild steel. Sizes ⅜ to ¼ inch; lengths 18 to 24 inches. Shipping weight, 11 pounds. \$3.25
9 PT 5441—Welding Tips. Sizes A-0 for radiators; A-1 for fenders; A-2, A-3, A-4, A-5, A-6, A-7, and A-8 for welding various metals up to 1½ inches thick. State size. \$1.65
9 PT 5443—12-inch Mixing Chamber. Necessary for use with tips sizes A-6, A-7 or A-8. Shpg. wt., 12 oz. \$5.95



CRAFTSMAN Cutting Attachment

For use with 99 PT 05442 outfit listed above. Connect to welding torch in place of mixer. With wrench and No. B-3 tip. Shipping weight, 3 pounds 6 ounces.

9 PT 5444..... \$14.75
Cutting Tips. Fit 9 PT 5444 torch. Size B2 cuts ¼ to ¾ in. thick; B3 cuts ¾ to 2 in.; B4 cuts 2 to 4 in.; B5 cuts 4 to 6 in. State size. Shpg. wt., each, 6 oz. \$2.85
9 PT 5447—Each..... \$2.85

CRAFTSMAN Jr. Soldering Outfit

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

9 PT 5446..... \$6.25



DUNLAP 75-AMPERE WELDER

- Recommended for automobile fender and body shops and for farm or home workshops.
- Equipped with Class A insulation.
- Voltage regulator automatically increases voltage on low heats—assures much easier operation.
- ALL METAL cabinet as in all finest electric arc welders.
- Has a compact design for convenient and easy handling.
- 6 heats—from 20 to 75 amps. of actual welding current.

\$49⁹⁵

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

Will pay for itself on the first few jobs. Easy to operate—no experience necessary. Particularly recommended for light gauge metals, such as fenders, etc. Handles metals 22-gauge up to ⅜ in. thick. On ⅜-in. or heavier work it may be desirable to run several beads. By this method quite heavy work may be handled. Uses rods up through ⅜ in. May also be used for brazing and soldering.

Not recommended for steady continuous service, but may be operated for two-hour periods, with arc actually in use 50% of the time. Complete with two 10-ft. welding cables; electrode holder; extension cord and plug; welders' helmet; supply of welding rods; carbon electrode; and easy-to-follow instructions. Shipping weight, 110 pounds.

99 PTM 2049—For 110-120 volt 60-cycle A.C. only..... \$49.95

Welding Helmet

An absolute necessity for the welding operator! Protects against sparks and shields eyes from the brilliant light. Adjustable to any angle or to different sizes of head. May be thrown back out of way without removing from head. Eye shield has 2 layers of glass. Outer layer is of ordinary glass; protects the expensive special colored glass on the inside. For use with welders up through 200-amp. capacity.

9 PT 2009—Shipping weight, 2 lbs. 8 oz. \$3.45

Shielded Welding Rods

Flux coated rods specially designed for above arc welders. Also for all A.C. Welders or reversed polarity D.C. Welders. Shipping weights: 5-lb. package, 5 lbs. 12 oz.; 25-lb., 29 lbs. State size.

9 PT 2003—For General-Purpose Work on Mild Steel				
Size, in.	⅜	⅝	⅞	1
5-lb. pkg.	\$2.15	\$1.25	\$1.25	\$1.25
25 lbs.	9.95	6.45	4.25	3.75

9 PT 2055—For Work on Cast Iron				
Size, in.	⅜	⅝	⅞	1
5-lb. pkg.	\$1.39	98c	95c	85c
25 lbs.	6.25	4.45	4.25	3.75

\$345

79c
Up





CRAFTSMAN
arc welders are
approved by
Underwriters'
Laboratories
after passing
their rigid burn-
out tests.

CRAFTSMAN 200-AMPERE WELDER

- An all-around welder, recommended for repair or production work in garages, factories, mills, body and welding shops, etc.
- Approved by Underwriters' Laboratories, Inc.
- Sensational spun glass insulation.
- 18 heats—from 20 to 200 amps. actual welding current.

\$125⁰⁰

Compare this CRAFTSMAN welder with those selling for \$195.00 elsewhere! Built for professional use and steady, continuous service. Has all the quality features described under our largest and finest welder at right, such as spun glass insulation . . . built-in reactance to maintain a steady arc at all heats . . . enclosed control panel . . . all-metal cabinet, etc.

Will handle metals from 22-gauge up to 1/2 inch inclusive without preparation (any thickness if metal is pre-heated and beveled or V'd). Will do cutting, brazing or soldering with carbon rod. On-off switch. With two 15-ft. welding cables; electrode holder; welding helmet; supply of welding rods; steel brush; carbon electrode; and instructions. Shpg. wt., 260 lbs.

99 PTM 2012—For 220-volt 60-cycle A.C. only \$125.00

SPECIFICATIONS

	99PTM2049	99PTM2012	99PTM2015
Over-all Height	21 1/2 in.	33 in.	37 in.
Over-all Width	16 in.	20 in.	21 in.
Over-all Length	16 1/2 in.	21 in.	23 in.
Size of Rods (Maximum)	3/32 in.	3/16 in.	1/4 in.
Maximum Amperes Delivered (Actual welding current)	75	200	300
Welding Heats (Actual welding current)	6 heats; 20 to 75 amps.	18 heats; 20 to 200 amps.	30 heats; 20 to 300 amps.
Current Supply	110-volt A.C. 60-cycle	220-volt A.C. 60-cycle	220-volt A.C. 60-cycle
Service	Intermittent	Continuous	Continuous
Maximum K.W.	2.4	6.2	8.2
Maximum K.V.A.	3.5	10.7	14.3
Maximum Line Draw	32 amps. (110-Volt)	48.5 amps. (220-Volt)	65 amps. (220-Volt)



CRAFTSMAN 300-AMPERE WELDER

- For large factories, mills, foundries, welding shops, construction companies, etc. Handles everything from light sheet metal to heavy castings and structural steel.

\$175⁰⁰

- Approved by Underwriters' Laboratories after passing their rigid burn-out tests.
- Protected from burn-outs by sensational spun glass insulation—rated as Class B, which is the FINEST insulation used in arc welders today.
- Built-in reactance helps maintain a steady arc at all heats! Voltage automatically increased on low heats.
- ALL-METAL cabinets as in all finest welders! Eliminate fire hazards.
- Enclosed control panels are protected from dirt and falling objects.
- Has 30 different heats—20 to 300 amperes of actual welding current.

By far the finest arc welder we have EVER sold! Compare it with \$250.00 to \$400.00 welders! Extra heavy duty! Meets most rigid demands of professional use and steady production work. Ideal where there is much heavy work to be fabricated or repaired. Also recommended for hard surfacing of wearing parts on equipment such as excavating machinery and agricultural machinery.

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

The rating of all Sears welders is actual welding current—not short circuit output, which is always higher than when the machine is actually welding. This welder will handle metals from 22 gauge up to 5/8 inch inclusive without preparation (any thickness if metal is preheated and beveled or V'd). Will do cutting, brazing or soldering with carbon rod. Maintains a steady arc at all heats. Convenient on-off switch. Cabinet has smooth-running wheels. With two 15-ft. welding cables; electrode holder; welding helmet; welding rods; steel brush; carbon electrode for brazing; soldering and cutting; and instructions. Shipping weight, 330 pounds.

99 PTM 2015—For 220-volt 60-cycle A.C. only \$175.00

Sears Easy Terms make it possible to get a welder for only a few dollars down! You can pay for it while you use it! See inside front cover for details.

DUNLAP FLEXIBLE SHAFTS



\$6²⁵
Complete Outfit



\$23⁹⁵
Without Motor

DUNLAP DIRECT DRIVE FLEXIBLE SHAFT

An ideal flexible shaft for the craftsman who already has his own $\frac{1}{2}$ -inch drive shaft motor. Same construction as 99 PT 02503 below at right, but has a single length of shaft and comes without the easter-mounted base. Complete with $\frac{1}{4}$ -inch chuck, chuck adapter, ball bearing motor coupling to fit any $\frac{1}{2}$ -inch motor shaft, casing, core, hand grip and ball bearing handpiece. Overall length, 50 inches. Shipping weight, 4 pounds 12 ounces.

9 PT 2629—Complete **\$6.25**

DUNLAP Flexible Shaft Parts

DUNLAP Core and Casing. Each 43 inches long. Check length of your old core and casing before ordering.

9 PT 2510—DUNLAP Core. High tensile steel wire core is wound in alternate layers. Shpg. wt., 1 lb. **\$1.39**

9 PT 2505—DUNLAP Casing. Shipping weight, 2 pounds 8 ounces. **\$1.49**

DUNLAP Handpiece. Ball bearing. $\frac{1}{8}$ -inch shank is threaded to fit 9 PT 2543 adapter, below. **\$1.59**

9 PT 2500—Shipping weight, 8 ounces. **\$1.59**

DUNLAP Motor Coupling. Ball bearing. Used to connect shaft to $\frac{1}{2}$ -inch motor shaft only. **\$1.49**

9 PT 2546—Shipping weight, 11 ounces. **\$1.49**

DUNLAP Hand Grip. Attaches to 9 PT 2500 handpiece for easy handling. **39c**

9 PT 2515—Shipping weight, 10 ounces. **39c**

DUNLAP Grinding Wheel Guard

Clamps firmly to 9PT2500 hand piece. An absolute necessity for grinding and wire wheel work. Remove inner nut on 9PT2543 adapter when using this guard. 9 PT 2517—Shpg. wt., 1 lb. 6 oz. **75c**

DUNLAP MULTI-SPEED FLEXIBLE SHAFT

Recognized as the finest flexible shaft outfit ever built at anywhere near its price! Equipped with a precision ball bearing jack shaft mounted in an attractive streamlined housing, which fully guards the entire four-speed belt drive! This streamlined housing is so designed as to make it easy to change speeds.

Truly the tool of a thousand uses! Use it for grinding, polishing, buffing, sanding, drilling, carving, re-finishing, paint removal, etc. The multi-speed attachment gives a wide range of speeds for all kinds of work. Has long-life and rugged construction in EVERY detail (for a more complete description of the parts, see listings at left; also 99 PT 02503

below). Outfit includes a portable motor base and multi-speed belt drive (see opposite page), ball bearing handpiece, two 43-inch lengths of casing and core, hand grip, and $\frac{1}{2}$ -inch 24-thread adapter and chuck. Length from end of handpiece to jack-shaft, 89 $\frac{1}{2}$ inches. This outfit will save you plenty of hard work!

99 PT 02506—DUNLAP Portable Multi-Speed Flexible Shaft, without motor. **\$23.95**

Shipping weight, 35 lbs. **\$23.95**

99 PTM 2507—With 99 PT 05620 motor (fully described on Page 41). Shipping weight, 67 lbs. **\$34.95**



DUNLAP PORTABLE DIRECT-DRIVE SHAFT

\$14⁷⁵
Without Motor

Exactly the same fine quality as above, but without multiple-speed belt drive. Shaft is connected directly to motor with motor coupling. Has two lengths of 43-inch casing and core. Grease-tight casing made of soft steel—brass ferrule at each end. Portable motor base has pivot under motor mount. Ball bearing casters on motor base make it easy to move the tool right to the job. High tensile steel wire core is wound in alternate layers to form strong, flexible drive. Handpiece spindle and motor coupling run on ball bearings. Outfit includes $\frac{1}{4}$ -inch motor coupling, two 43-inch lengths of casing and core, hand grip, handpiece, portable motor base, adapter and chuck. Overall length of complete shaft, 92 inches.

99 PT 02503—Without motor. Shipping weight, 26 pounds. **\$14.75**

99 PTM 2504—With 99 PT 05620 motor (see Page 41). Shipping wt., 58 lbs. **\$25.95**



A Sanding Drum. Fits $\frac{1}{2}$ -inch shaft or $\frac{3}{8}$ -inch thread. With abrasive sleeve and adapter. 3 inches long; diameter, 2 $\frac{1}{2}$ inches. Shpg. wt., 12 oz. **98c**

B Abrasive Sleeve to fit the above drum. Fine, medium or coarse. State grit. Shipping weight, 2 oz. **10c**

C Sanding Drum. $\frac{3}{8}$ -inch shank. With abrasive sleeve. Height, 1 inch. State diam. Shpg. wt., 4 oz. **98c**

D Sanding Sleeves to fit the above drum. State fine or coarse grit and diameter. Shpg. wt., 3 oz. **98c**

E $\frac{5}{8}$ -inch Flexible Sanding Disc. For 9PT2500 handpiece. $\frac{1}{2}$ -inch thread. 9 PT 2540—Shpg. wt., 10 oz. **\$1.10**

F Adapter. To adapt 9PT2540 to CRAFTSMAN handpiece or any $\frac{1}{2}$ -in. 24-thread spindle. 9 PT 2542—Shpg. wt., 4 oz. **29c**

G 7-inch Flexible Sanding Disc. Fits $\frac{1}{2}$ -inch 24-thread. Shpg. wt., 14 oz. **\$1.79**

H 6-in. Sanding Disc. Metal. Sponge rubber facing. Fits $\frac{1}{2}$ -in. 24-thread. 9 PT 2239—Shpg. wt., 1 lb. 4 oz. **98c**

I 6-inch Assorted Sanding Abrasives. For 9 PT 2239. Aluminum oxide abrasive. Shipping weight, 5 ounces. **23c**

J 6-inch Assorted Sanding Abrasives. For 9 PT 2239. Aluminum oxide abrasive. Shipping weight, 5 ounces. **23c**

A Wire Scratch Wheels. To remove rust, scales, etc. Use 9PT6401 safety goggles, Page 39. $\frac{1}{2}$ -in. hole. Specify 4-in. diam. Other sizes, Page 40. Shpg. wt., 5 oz. **30c**

B $\frac{1}{2}$ -inch Drill Chuck. Fits $\frac{1}{2}$ -inch spindle. Shipping weight, 5 oz. **35c**

C $\frac{1}{2}$ -in. Chuck Adapter. Fits 9PT2500 handpiece above. $\frac{1}{8}$ -in. internal thread; $\frac{1}{2}$ -in. thread on outside. 9 PT 2543—Shpg. wt., 6 oz. **35c**

D Carbon Removing Brush. $\frac{3}{8}$ -in. shank. For auto mechanics. Diam. 1 in. Use goggles, Page 39. 9 PT 6484—Shpg. wt., 4 oz. **59c**

E Wire Cup Brush. $\frac{1}{2}$ -in. hole. Diam., 2 $\frac{1}{2}$ in. Use goggles, Page 39. 9 PT 6485—Shpg. wt., 4 oz. **49c**

F Sheepskin Polishing Pads. Slip over sanding discs. For polishing waxed surfaces, etc. Use 7-inch on 6-inch disc and 3-inch on 7-inch disc. Shipping weight, 4 ounces. **89c**

G 6-inch Cotton Buff. 20 thicknesses of bleached muslin. Spiral sewed. $\frac{1}{2}$ -inch hole. State 6-inch diameter. 9 PT 6490—Shpg. wt., 3 oz. **15c**

H 4 $\frac{1}{2}$ -in. DUNLAP Grinding Wheel. Vitrified aluminum oxide. Medium fine grain. State 4 $\frac{1}{2}$ -in. size, and arbor hole size wanted. See Page 40 for other wheels. Shpg. wt., 1 lb. 2 oz. **39c**

K 6-in. Floor Brush. Ideal for cleaning, polishing, etc. Well set bristles. $\frac{1}{2}$ -in. hole. Shpg. wt., 8 oz. **49c**

L 6-in. Floor Brush. Use to scrub, wax, polish. $\frac{1}{2}$ -in. hole. Shpg. wt., 11 oz. **49c**

CRAFTSMAN
ELEGANT & PAY OFF

FLEXIBLE SHAFTS



\$18⁹⁵
Complete Outfit



\$32⁹⁵
Without Motor

CRAFTSMAN DIRECT-DRIVE FLEXIBLE SHAFT

Same as 99 PT 02513 below, but without caster-mounted base. Overall length, 70 inches. Alloy steel motor coupling—fits any 1/2-inch motor shaft. Precision, sealed-for-life ball bearings in handpiece and motor coupling. Casing and core included. Shipping weight, 11 pounds.

9 PT 2511—Complete outfit.....**\$18.95**

Core for CRAFTSMAN Flexible Shaft

Special alloy high carbon steel wire, wound transversely around center core wire. Chrome nickel alloy steel fittings. Designed to give full floating action of core between drive shaft and handpiece. Combines maximum flexibility with great strength.

9 PT 2512—Shipping weight, 2 pounds 8 ounces.....**\$4.95**

CRAFTSMAN MULTI-SPEED SHAFT

By far our finest flexible shaft! Bigger... heavier... stronger! Super quality construction throughout! It's made to stand up under tough production jobs in large industrial plants. Compare it with outfits selling for 25% to 50% more elsewhere!

Heavy duty construction throughout! Has a 3-ply casing for long life (see 99 PT 02513 at left below for complete description of casing and core). Heavy duty handpiece has grease-packed precision ball bearings—is scientifically designed to prevent entrance of foreign matter to the bearings. Enclosed multi-speed belt drive gives a wide range of 7 speeds for all kinds of work—also equipped with precision ball bearings. Alloy steels are freely used to assure long life. With ball-bearing caster-mounted base, ball-bearing multi-speed belt drive, ball-bearing handpiece, casing and core. Shaft is 67 inches long from end of handpiece to jackshaft.

99 PT 02518—CRAFTSMAN Portable Multi-Speed flexible shaft, without motor. Shpg. wt., 29 lbs. **\$32.95**
99PTM2519—With 99 PT 05587 1/4-H.P. 3450 R.P.M. motor (P. 42). Shpg. wt., 63 lbs. **\$51.00**



CRAFTSMAN PORTABLE DIRECT-DRIVE SHAFT

\$24⁵⁰
Without Motor

Same heavy-duty construction as outfit at right above, but shaft is connected directly to motor. Casing has 3 super-strong plies! Inside is a layer of hardened spring steel wire; then a layer of dead soft steel wire; then a thick layer of tough rubber. Core is built of special alloy high carbon steel wire wound transversely around center core wire. Core has chrome nickel steel fittings. Includes ball bearing caster base, precision ball bearing handpiece and motor coupling, casing and core. Shaft is 70 inches long overall.

99 PT 02513—Without motor. Shpg. wt., 24 lbs. **\$24.50**

99PTM2514—With 99PT05587 motor (Page 42.) Shpg. wt., 58 lbs. **\$42.50**



Grinding Wheel Guard

Made to fit on CRAFTSMAN handpiece. Fully enclosed and protected. For safety it is absolutely necessary to use one of these guards on grinding or wire wheel work. Protects the eyes and face. To be doubly sure use goggles 9PT6401 listed below. Shpg. wt., 2 lbs. 8 oz. **\$7.25**



Multi-Speed Drive

Fits CRAFTSMAN or DUNLAP flexible shafts. Precision ball bearing jackshaft mounted in housing. By reversing pulleys, seven speeds from 1280 to 9500 R.P.M. available with 3450 R.P.M. motor. With 2 sizes of 4-step pulleys and V-belt. Shpg. wt., 9 lbs. 4 oz. **\$10.45**



Portable Base

For use with CRAFTSMAN or DUNLAP flexible shafts. Ball bearing casters are removable so base can be permanently mounted. Ball-bearing swivel base is designed to carry motor and multi-speed attachment. Shpg. wt., 13 lbs. **\$5.75**



MOUNTED GRINDING POINTS for All Flexible Shafts. Made from highest quality vitrified aluminum oxide. Accurately mounted on 3/8-inch steel shafts—run true. For finish work, die cutting, or any odd grinding work. Use with any high speed flexible shaft. Use 9 PT 6458 for sharpening 9 PT 2420 hollow chisel (Page 35). Shpg. wt., each, 3 oz.

(A) 9 PT 6463—MP 12.....**49c**
(B) 9 PT 6462—MP 11.....**49c**
(C) 9 PT 6461—A 1.....**59c**
(D) 9 PT 6460—A 21.....**49c**
(E) 9 PT 6459—A 25.....**49c**
(F) 9 PT 6458—A 14.....**49c**
(G) 9 PT 6457—A 5.....**49c**



Cement

A quick-setting, firm holding cement. Particularly useful in fastening abrasive discs to metal plates. Shipping weight, 1 pound 2 ounces.

9 PT 2535.....**35c**
1/2-Pint Can.....



Lubricant

Graphite type. Helps give a smooth-running friction-free core. For use on core only; inside casing (not for hand-pieces, couplings, or other parts equipped with ball bearings). Shipping weight, 7 ounces.

9 PT 2537.....**19c**



Safety Goggles

Everyone using a grinding or wire scratch wheel should use safety goggles for eye-protection, also for buffing, lathe work, etc. Thick, shatterproof glass lenses. Non-corrosive, extra-strong metal frame. Wire mesh side screens. Shpg. wt., 10 oz.

9 PT 6401.....**\$1.50**

CRAFTSMAN FLOOR-TYPE MULTI-SPEED FLEXIBLE SHAFT

\$49⁹⁵
Without Motor

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

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

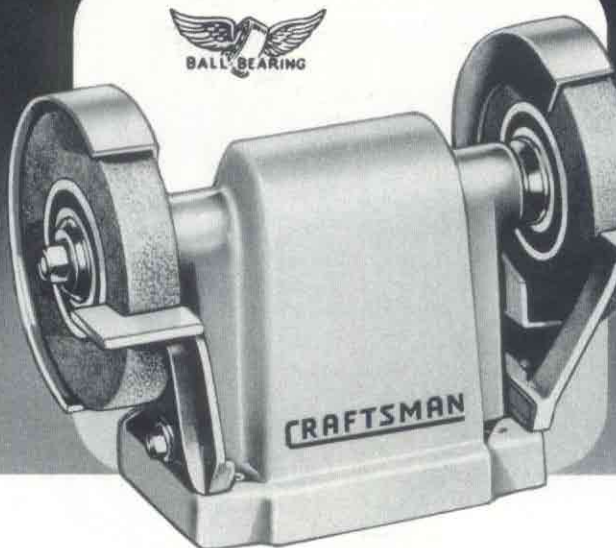
99 PTM 2521—Without motor. Shipping weight, 87 pounds.....**\$49.95**

99 PTM 2524—With 99 PT 05587 motor. (See Page 42.) Shipping weight, 122 pounds.....**\$67.90**





GRINDERS .. POLISHING HEADS

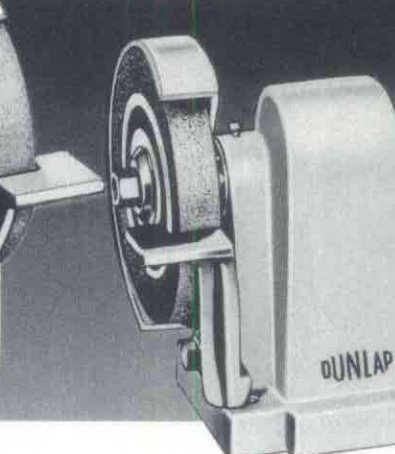


CRAFTSMAN 6-inch Grinder

Heavy duty, precision-built ball bearing grinder. All moving parts are cushioned on highest quality long wearing ball bearings. Sealed against dirt. 10-inch clearance between wheel centers. 12 $\frac{1}{4}$ x $\frac{3}{4}$ -inch spindle turned down to $\frac{1}{2}$ -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, 42x $\frac{1}{2}$ -inch V-belt, and 2-step pulley. Drives from below or behind. Blue finish. Shpg. wt., 18 lbs.

\$875

99 PT 06649.....\$8.75

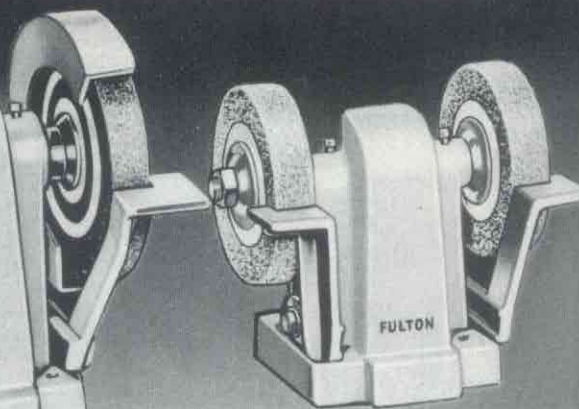


DUNLAP 6-inch Grinder

A sturdy, smooth running grinder with full 7-inch clearance between wheel centers. 8 $\frac{1}{2}$ -inch spindle is $\frac{3}{8}$ inch in diameter, turned down to $\frac{1}{2}$ 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 $\frac{3}{8}$ or $\frac{1}{2}$ -inch V-belt. With two DUNLAP 6x $\frac{3}{4}$ -inch fully vitrified grinding wheels; one fine grain, and one medium grain. Oil cups. Blue enamel finish. Shipping weight, 15 pounds.

\$625

99 PT 06648.....\$6.25

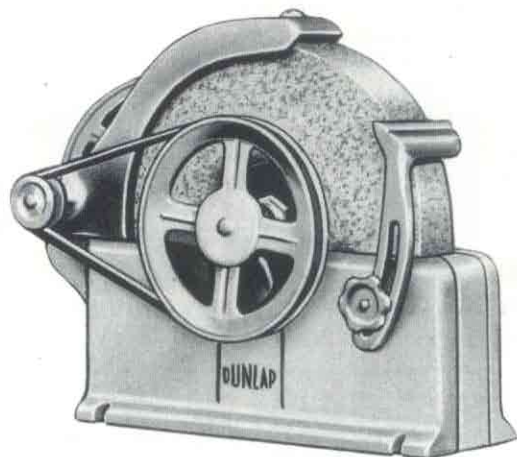


FULTON 4-inch Grinder

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. 7x $\frac{3}{8}$ -inch steel spindle turned down to $\frac{3}{8}$ inch at ends; fits all standard wheels and accessories. 2-inch diameter V-type pulley for $\frac{3}{8}$ or $\frac{1}{2}$ -inch V-belt. With two fast-cutting 4x $\frac{3}{4}$ -inch grinding wheels, one fine grain, and one medium grain. Oil cups. Adjustable tool rests. Blue enamel finish. Shipping weight, 6 pounds 2 ounces.

\$225

9 PT 6639.....\$2.25

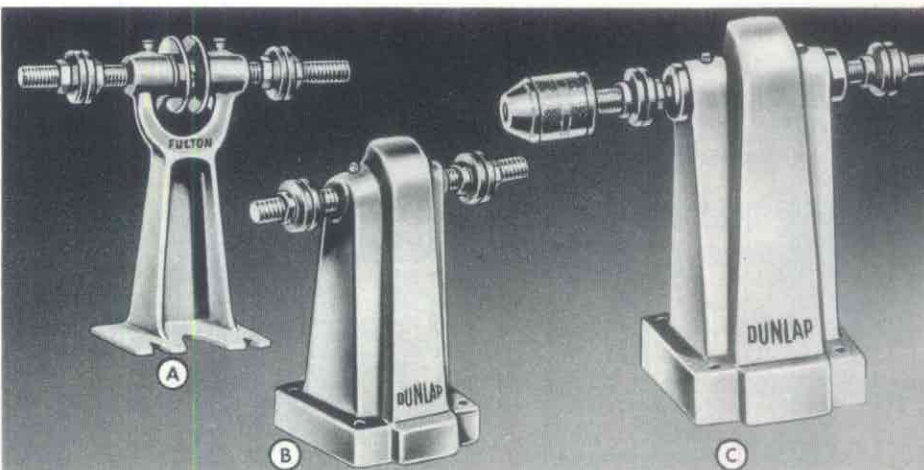


DUNLAP 10-inch Wet Grinder

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 $\frac{1}{2}$ -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 $\frac{1}{2}$ -in. motor pulley on 1750 R.P.M. motor. Blue finish.

\$895

99 PT 06620—Shpg. wt., 34 lbs.....\$8.95



FULTON and DUNLAP Polishing Heads

(A) FULTON. A good low priced polishing head for home or shop. Head is 6 in. high, has 8x $\frac{1}{2}$ -in. spindle; equipped with machined steel collars and oil cups. 1 $\frac{3}{4}$ -in. V-type pulley takes $\frac{3}{8}$ or $\frac{1}{2}$ -in. V-belt.

\$109

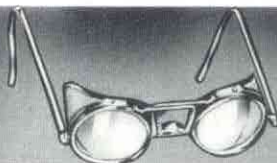
(B) DUNLAP Standard. Sturdily made of high grade materials. Equipped with long-life bronze bearings. Can be driven from below or behind. 8x $\frac{1}{2}$ -in. steel spindle. Machined steel collars. 1 $\frac{3}{4}$ -in. V-type pulley for either $\frac{3}{8}$ or $\frac{1}{2}$ -in. belt. Height, 7 $\frac{1}{4}$ in. Blue enamel finish.

9 PT 6642—Shpg. wt., 3 lbs. 12 oz.....\$1.29
9 PT 2130—Shpg. wt., 5 oz. (Not Shown)....35c

(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 $\frac{1}{4}$ x $\frac{1}{2}$ -inch steel spindle takes all standard accessories. Precision built 3-jaw chuck takes drills up to $\frac{3}{8}$ -inch. Can be driven from below or behind. Carefully machined steel collars. Hooded frame protects 2-inch V-type pulley; use $\frac{3}{8}$ or $\frac{1}{2}$ -inch belt. Oil cups. Overall height, 8 $\frac{3}{4}$ 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 satin finish on metal. Excellent for plastics. Shipping weight, 5 ounces.

9 PT 2876— $\frac{1}{4}$ -lb.....15c
9 PT 2870—Rouge Buffing Compound. Use after using above compound to give very fine smooth finish. Shpg. wt., 5 oz. $\frac{1}{4}$ -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 $\frac{3}{8}$ -in. spiral sewing. Trimmed and balanced. Raked edges. Buffing wheels that will last longer and stand up better under high speeds. $\frac{1}{2}$ -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.	$\frac{1}{2}$ in.	1 lb.	\$0.55
4 in.	$\frac{3}{8}$ in.	1 lb.	0.69
6 in.	$\frac{3}{8}$ in.	2 lbs. 12 oz.	1.15
6 in.	$\frac{1}{2}$ in.	3 lbs. 8 oz.	1.25
7 in.	$\frac{3}{8}$ in.	3 lbs. 10 oz.	1.35
7 in.	$\frac{1}{2}$ in.	4 lbs. 8 oz.	1.59

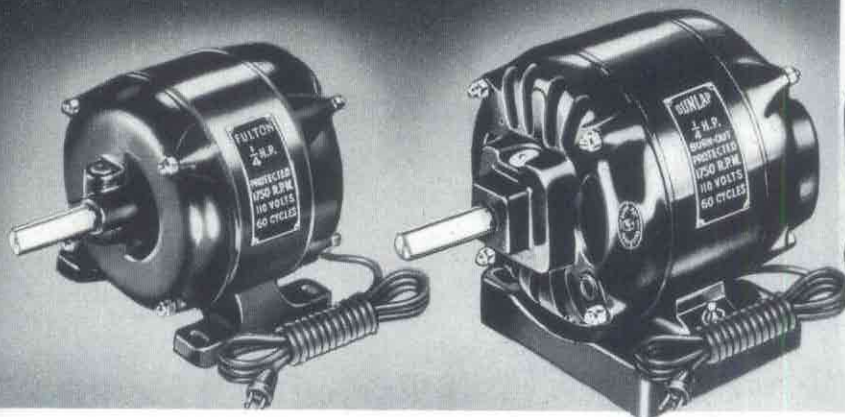


Wire Scratch Wheels

For removing paint, rust, scale, for buffing tires, etc. 4-in. size has $\frac{1}{2}$ -in. arbor hole; 6-in. size has $\frac{1}{2}$ or $\frac{3}{8}$ -in. hole. State diameter and hole size.

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

SPLIT PHASE MOTORS



1/4-H. P. Split Phase

FULTON. Regular \$8 quality elsewhere! Built for general use on easy starting loads, such as light power tools, washing machines, etc. 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. See pages 42 and 43 for other motors. Shipping weight, 24 pounds.

\$625

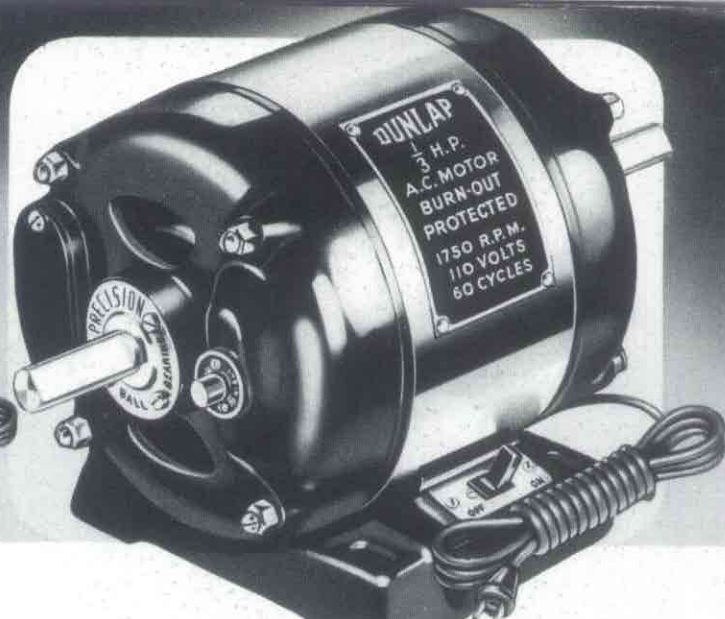
99 PT 05601.....\$6.25

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.

\$845

99 PT 05618.....\$8.45



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

\$15 quality elsewhere! 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 42 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.

\$1145

99 PT 05620—Shipping weight, 30 pounds.....\$11.45

99 PT 05683—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!.....\$9.75



DUNLAP 1/4-H. P. Grinder

\$20 quality anywhere else. 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.

\$1775

99 PT 02616—Shipping weight, 41 pounds.....\$17.75

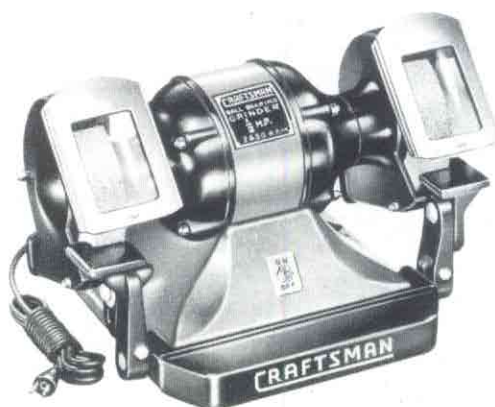


CRAFTSMAN 1/3-H. P. Production Grinder

\$35 value elsewhere! 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 1/2-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.

\$2695

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



CRAFTSMAN 1/2-H. P. Industrial Grinder

\$3595

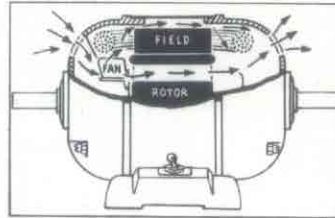
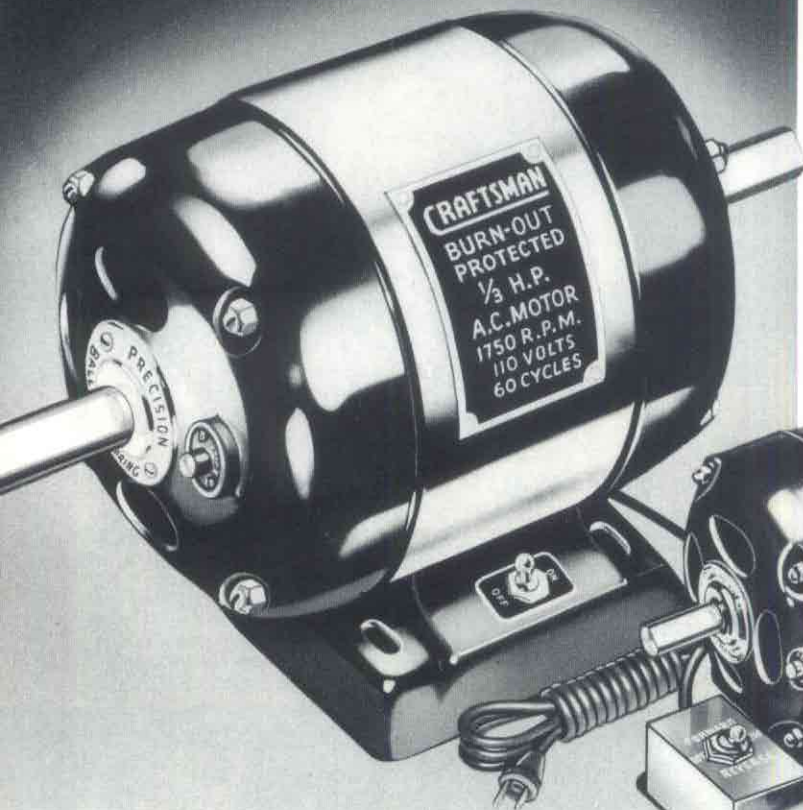
- Heavy duty, smooth running precision ball bearing motor.
- 3450 R. P. M. full load (3600 R. P. M. no load.)
- Adjustable shatterproof glass shields — removable adjustable tool rests. Detachable water pan for cooling off work.

Real \$45 value elsewhere! Industrial type, unsurpassed for day-in-and-day-out service in shop or garage. Will handle almost any grinding or sharpening job—and do it right. New, fast starting, smooth running condenser-start induction-run motor. Precision ball bearings sealed in grease—fully protected against dust and dirt. Two fine quality 7x1-inch vitrified grinding wheels, 1 fine and 1 coarse. Enclosed wheel guards with rear dust chutes for greater safety. 1 1/2-inch shaft turned down to 5/8-inch at wheels. Large diameter of wheels permits work to be ground across face of machine. Large collars hold wheels in perfect alignment. Built-in switch. 14 3/4-inch clearance between wheels. For 110-120 volt, 60 cycle A.C. 6-foot cord, and plug.

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

CRAFTSMAN

CONDENSER MOTORS



Carefully designed fan and baffles positively force cooling air into all parts of motor. Notice how the laminations are cooled on both sides. With "Super-cooling" your motor runs cooler... saves power... gives more reliable performance... lasts longer.

CRAFTSMAN CONDENSER MOTOR

\$1345
1/4-H.P.

- Overload protector prevents burn-out.
- Built-in condenser reduces starting current.
- Grease-sealed precision ball bearings.
- Rugged, massive base. Assures solid, rigid mounting.

We've made careful comparisons, and sincerely believe you can't match this fine condenser motor at anywhere near this price! It's bigger... stronger... heavier... built for year after year of service! The super-cooling construction described above at right is a feature you will find only in motors costing at least 40% more elsewhere!

The excellent performance and trouble-free operation of these condenser motors has made them tremendously popular! They're rapidly replacing split phase motors because they will 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. Perfectly balanced. Efficient modern design eliminates excess weight. Ball bearing construction permits use of motor in any position. Handy built-in on-off switch. 1/2-in. double drive shaft extends 1 3/4 in. on both ends. Large ventilating openings are 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 3/4 x 5 in.

99 PT 01955—1/4-H.P. 1750 R.P.M. Shpg. wt., 32 lbs. \$13.45
99 PT 01956—1/4-H.P. 1750 R.P.M. Shpg. wt., 35 lbs. 17.75
99 PT 05587—1/4-H.P. 3450 R.P.M. For high speed power tools, such as jointers, shapers, etc. Shpg. wt., 36 lbs. \$18.50

CRAFTSMAN CONDENSER

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

\$1850
99 PT 05584

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 \$18.50

HIGH SPEED MOTOR. Exactly the same as the motor listed above, but has a speed of 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 \$19.95

CRAFTSMAN CONDENSER

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

\$2850
99 PT 01970

This motor has all the fine quality and features which are described under the condenser motor at the far left of this page—precision ball bearings, burnout protector, massive base, 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-inch double shaft with keyways. It is particularly 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 lbs.

99 PT 01970 \$28.50

SAVE MONEY . . . SAVE TIME . . . BUY THE RIGHT MOTOR FOR YOUR NEEDS

Every FULTON, DUNLAP and CRAFTSMAN motor (Pages 41, 42 and 43) 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 your motor.

Single Phase Motors

FULTON and DUNLAP Split Phase Motors are used on easy-starting loads in which the maximum load is not applied until the 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 are used where the 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.

CRAFTSMAN Repulsion-Induction Motors are used on hard starting loads. They develop from 3 to 5 times rated horse power. Repulsion-Induction motors are 42 . . . SEARS, ROEBUCK AND CO.

recommended for use on water pumps, feed grinders, heavy production machinery, etc.

3 Phase Motors

CRAFTSMAN 3 Phase Motors can only be used on three phase current which is usually found only in factories or some smaller shops. The three phase motors which we supply are general purpose motors with excellent operating characteristics similar to the Repulsion-Induction type.

The Size 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 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.; most 220-volt 60-cycle single phase lines, up through 5-H.P. Check your power company before buying a motor close to these limits.

Bearings

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.

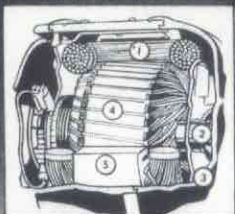
Wiring

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 1/4-horse power where the distance between the meter or feeder line is 100 feet or less. Heavier wiring is necessary if other loads 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 1/4-horse power, particularly single phase, also require heavier wiring. Check with your power company.

CRAFTSMAN MOTORS

REPULSION-INDUCTION

- 1 Husky windings insure high starting torque. Develop 3 to 5 times rated H. P.
- 2 Oversize bronze bearings.
- 3 Heavy duty gray iron frame.
- 4 Powerful rotor with heavy windings for longer life.
- 5 Laminations designed to give more power.



CRAFTSMAN REPULSION-INDUCTION

Equal in EVERY way to the quality that many others call their best! Second only to the great MASTER CRAFTSMAN motor at right!

—**Great overload capacity.** Develops 3 to 4 times rated H.P. torque while starting! Extra husky base! Efficient design eliminates excess weight. **Large air vents and fan keep motor cool.** Meets A.I.E.E., N.E.M.A., and central station requirements. Phosphor bronze bearings. 4 brushes. Shaft in 1/2-H.P. and larger has keyway. 1750 R.P.M. Easily reversed. **Three phase motors are equipped with ball bearings.** Sizes up to 5-H.P. shipped from stock, not prepaid. 7 1/2 and 10-h.p. motors shipped from New York City, prepaid in continental United States.

\$13⁹⁵ 1/4-H.P.

Single Phase—Repulsion-Induction 110-220-volt, 60-cycle A.C.						Three Phase—Squirrel Cage Type 220-440-volt, 60-cycle A.C.					
Catalog Number	H.P.	Size, Shaft, Inches	Base Mounting, Inches	Shpg. Wt., Lbs.	Cash Price	Catalog Number	H.P.	Size, Shaft, Inches	Base Mounting, Inches	Shpg. Wt., Lbs.	Cash Price
99 PT 01950	1/4	3/8	3 1/4 x 6	35	\$13.95	99 PTM1900	1	3/4	9 1/2 x 10	84	\$37.50
99 PT 01951	1/2	3/8	3 3/4 x 6	38	16.95	99 PTM1901	1 1/2	3/4	10 1/2 x 10	105	44.50
99 PTM 1952	1/2	3/8	3 3/4 x 7 1/2	71	21.50	99 PTM1902	2	1	10 1/2 x 11	127	51.50
99 PTM 1953	3/4	3/4	4 1/4 x 7 1/2	77	28.50	99 PTM1903	3	1	11 1/2 x 11	140	57.00
99 PTM 1954	1	3/4	4 3/4 x 7 1/2	83	36.00	99 PTM1904	5	1 1/2	13 1/4 x 12 1/2	198	69.00
99 PTM 5626	1 1/2	1	6 1/4 x 9	142	48.50	99 PTM1905 F	7 1/2	1 1/2	15 x 14	295	89.00
99 PTM 5640	2	1 1/2	7 1/2 x 9	155	62.50	99 PTM1906 F	10	1 3/4	17 x 16	367	115.00
99 PTM 5641	3	1 3/4	7 1/2 x 9	167	79.50	Check with power company on voltage, cycle, phase and capacity of your line.					
99 PTM 5643	5	1 3/4	10 x 8 1/2	342	115.00						

CRAFTSMAN HIGH SPEED MOTORS

\$23⁹⁵ 1/2-H.P.

Repulsion-induction motors recommended for shapers, bench saws, jointers, and other uses where 3450 R.P.M. is desired. **Precision ball bearings** permit use of motor in any position. Need lubrication only twice a year. Easily reversed. Shaft extends on both ends. 3/4-H.P. and 1-H.P. have built-in starting switch. 1-H.P. size has a remote control switch. Rubber-covered cords and unbreakable plugs. All are 3450 R.P.M. Single phase. For 110-220-volt 60-cycle A.C. Mounting dimensions, 3 3/4 x 5 in.

Catalog Number	H.P.	Shaft	Shipping Weight	Price
99 PT 05608	1/2	1/2 inch	33 pounds	\$23.95
99 PT 05611	3/4	3/4 inch	45 pounds	33.95
99 PTM 5605	1	1 inch	62 pounds	44.95



Sears Easy Terms Make it Easy to Buy These
Finer Motors . . . See Inside Front Cover

MASTER CRAFTSMAN REPULSION-INDUCTION

No finer motor of this type built! Extra heavy duty! Tremendous overload capacity! Used in hundreds of shops, and factories for steady production work.

—**Burn-out protected.** Motor can't burn out! Built-in Klaxon shuts off current automatically when motor is overloaded. Easily reset when motor cools.

—**Tremendous overload capacity.** Develops 4 to 5 times rated H.P. torque while starting! Easily starts heaviest loads on cream separators, compressors, water pumps, etc.

—**Extra strong frame.** Massive base! Efficient design eliminates excess weight.

—**Large air vents and powerful fan keep windings well ventilated.**

Meets all A.I.E.E., N.E.M.A. and central station requirements. Giant oil wells. Large phosphor bronze bearings—recognized as finest sleeve type bearings. 4 brushes permit easy starting—even with low voltage. Shaft in 1/2-H.P. and larger has keyway. 1750 R.P.M. Use horizontally. Easily reversed. Before ordering check with your power company on voltage, cycle, phase and capacity of your line.

\$16⁹⁵ 1/4-H.P.

Single Phase—Repulsion-Induction. 110-220 volt, 60-cycle A.C.					
Catalog Number	H.P.	Shaft, Diameter	Base Mountings (First dimension given is parallel to shaft)	Shipping Weight	Cash Price
99 PT 01960	1/4	5/8 inch	3 1/4 x 6 inches	39 lbs.	\$16.95
99 PT 01961	1/2	3/4 inch	3 3/4 x 6 inches	44 lbs.	20.95
99 PTM 1962	1/2	3/4 inch	4 1/4 x 7 1/2 inches	77 lbs.	28.95
99 PTM 1963	3/4	3/4 inch	4 3/4 x 7 1/2 inches	84 lbs.	35.95
99 PTM 1964	1	3/4 inch	5 1/4 x 7 1/2 inches	92 lbs.	42.95

CRAFTSMAN HEAVY DUTY MOTOR

\$27⁹⁵

You can't select a finer motor for power tools! It's a heavy duty 1/2-H.P. repulsion-induction single-phase motor with precision ball bearing construction, an overload protector, and a drive shaft which extends on both ends.

Ball bearing construction permits it to be used in any position. The sealed ball bearings make this motor ideal for out-of-the-way installations, because these bearings will operate for long periods without requiring attention.

Overload protector prevents burn-out. Automatically shuts off when motor is overloaded. Easily reset.

3/4-inch shaft extends on both ends—permits the driving of two different machines alternately without moving motor. This motor meets A.I.E.E., N.E.M.A. and Central Station requirements. Easily reversed. Operates on 110-220 volt 60-cycle A.C. 1750 R.P.M. Base mounting, 3 3/4 x 7 1/2 inches from center to center of slots in base. Shipping weight, 68 pounds.

99 PTM 5619—1/2-H.P. Repulsion-Induction Heavy Duty Motor. \$27.95
POWER TOOL . . . 43



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

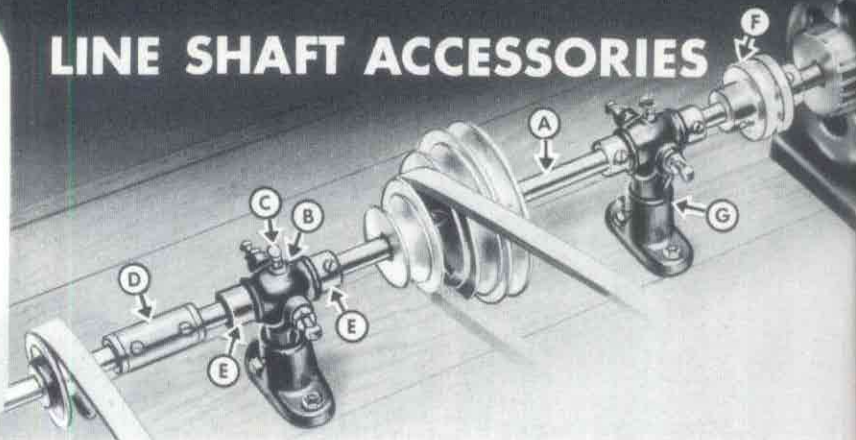
\$27.50

- Compare with lathes selling for \$75 elsewhere.
- 2 speeds: 1750 and 3450 R.P.M.
- Tapered shafts take any standard dental chuck.
- With precision, grease-packed ball bearing.

Don't let a makeshift or obsolete lathe slow up your work... especially when you can get a precision-built tool like this at such a low price! Will practically "last a lifetime." Compact, modern design—with grease-packed ball bearings for smooth operation. Accurately balanced, equipped with rubber mountings to eliminate vibration. Two accurately tapered shafts take chucks or accessories sold by your dental supply house. Quick action chuck removers speed up your work. Designed so that it is easy to work with... even on odd pieces with hard-to-get-at places. High luster black finish; polished fittings. For 110-volt 60-cycle A.C. Shipping weight, 42 pounds.

99 PT 05579—CRAFTSMAN 1/6-H.P. Dentists' Lathe.\$27.50

LINE SHAFT ACCESSORIES



ACCURATELY MACHINED FOR LONG LIFE

A line shaft is used to drive a group of power tools from one permanently mounted motor. In such a set-up, there is always some loss of power in the various belts and bearings. Because of this, we recommend a 1/2-H.P. motor or larger to drive a line shaft. The exact H.P. will depend on the number and type of tools, length of shaft, etc.

In some shops, floating rails (below) will prove more flexible and practical. We suggest you consider both set-ups.

Line shafts come in two sizes: 1/2-inch for light tools; 3/4-inch for heavier machines and larger motors. Oil cups easily installed in place of plugs. Make sure bushings receive proper oiling. Rigid couplings frequently are used for connecting sections of line shafting. Line shaft collars prevent endwise "drift" of shaft. Flexible couplings are used on such jobs as connecting a motor shaft to a line shaft. Self-adjusting for

minor misalignment, thus preventing excessive bearing wear. Bronze bearing hangers are adjustable to permit perfect shaft alignment. 1/2-in. hangers should be spaced every 18 inches—3/4-in. hangers every 24 inches. Pillow blocks do the same job as hangers but do not have adjustments. When you set up your line shaft, oil freely and be sure it is perfectly in line and turns easily before turning on motor.

Catalog Number		Shipping Weight	Each
(A) 9 PT 2833	1/2-inch x 24-inch Steel Shaft	1 lb. 15 oz.	\$0.29
(A) 99 PT 02834	1/2-inch x 48-inch Steel Shaft	3 lbs.	.55
(A) 99 PT 02835	3/4-inch x 48-inch Steel Shaft	7 lbs.	1.19
(B) 9 PT 2822	1/2-inch Bronze Bushed Bearing	4 oz.	.35
(C) 9 PT 2820	Wick Oil Cups	1 oz.	.05
(D) 9 PT 2839	1/2-inch Rigid Coupling	5 oz.	.25
(E) 9 PT 2824	1/2-inch Line Shaft Collar	2 oz.	.09
(E) 9 PT 2825	3/4-inch Line Shaft Collar	3 oz.	.15
(F) 9 PT 2840	Flexible Coupling (Specify 1/2, 3/4 or 1 in.)	12 oz.	.39
(G) 9 PT 2828	1/2-inch Bronze Bushed Shaft Hanger	1 lb. 8 oz.	.98
(G) 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.	1.25
9 PT 2826	1/2-inch Bronze Bushed Pillow Block	8 oz.	.45
9 PT 2827	3/4-inch Bronze Bushed Pillow Block	1 lb.	.65



Floating Motor Rails

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

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

Adjustable Motor Rails

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

- 9 PT 2279—Per pair, 50c

Deluxe Floating Rail

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

- 9 PT 2326—Complete set.89c
- 9 PT 2328—Pair right angle clips only. Shpg. wt., 10 oz.29c
- 9 PT 2330—Rear rail only, with pivot and socket. Shpg. wt., 1 lb.29c

Motor Base Adapter

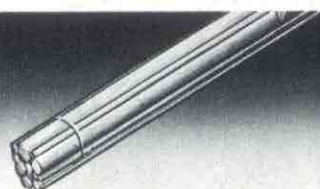
For machines without standard motor mounting. Heavy steel plate with series of slots. Helpful in adapting new motor to pumps, washing machines, power tools and other machines with odd size motor mountings. Fits most motors up to 1/2-H.P. and some 1-H.P. motors. Shipping weight, 1 pound 8 ounces.

- 9 PT 5593.49c

Thermatrip Fuse

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

- 9 PT 1995.8c



Wood Dowels

You'll find many uses for this handy assortment of wood dowels. They're ideal for model building, mending furniture, and many other uses around the shop and home. Each package consists of fourteen assorted sizes from 1/4-in. to 3/4-in. diameter. Each rod is 16 in. long. Made from clean-grain hardwood. Keep a couple of packages on hand all the time. You'll be surprised at the many uses you'll find for them around the shop and home. Shpg. wt., 14 oz.

- 9 PT 2909—Per package.19c



CRAFTSMAN Apron

This strong CRAFTSMAN apron is just the thing to slip on when working around house or shop. It helps keep clothes clean and neat. Made of excellent quality heavy canvas; dirt won't penetrate. You'll find that this apron stands repeated washings. 42 in. long; high front protects shirt. It has large strongly sewed pockets and securely attached ties. It's made to stand rough treatment around the shop. Shipping weight, 9 ounces.

- 9 PT 3752.45c



Easy-to-Read Blueprints

In these easy-to-read blueprints you will find complete plans and listing of materials needed for making the following items in your home or shop: (1) Priscilla sewing cabinet; (2) High back lawn chair; (3) Colonial spinet desk; (4) Dropleaf table; (5) Garden trellis; (6) Old West silhouettes; (7) Work bench; (8) Hanging book rack; (9) Cobbler's bench table lamp; (10) Cedar lined chest. You'll probably want to buy several of them at this low price. Be sure to state numbers wanted. Shipping weight each, 3 ounces.

- 9 PT 2900—Each.19c



Cast Iron Glue Pot

This well-made cast iron glue pot is built like a double boiler. It has inner glue cup and an outer cup of heat-retaining cast iron to hold water. Capacity of the glue cup is 1/2 pint. There are handles on both the outer and inner cups. You'll find that this glue cup eliminates waste; glue can be used over and over by reheating. Rugged, long-life construction in every detail. Shipping weight, 4 pounds 8 ounces.

- 9 PT 2887.\$1.29

DUNLAP V-BELT PULLEYS

REG. U. S. PAT. OFF.



STATE
BORE
WANTED



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, $\frac{3}{8}$, $\frac{1}{2}$ or $\frac{3}{4}$ -inch. **State bore size.**

Catalog No.	Size	Steps	Diam., Step, in.	Shpg. Wt.	Each
9 PT 2788	$\frac{3}{8}$ in.	3	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$	1 lb.	65c
9 PT 2792	$\frac{1}{2}$ in.	4	$\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$	1 lb. 10 oz.	79c
9 PT 2793	$\frac{3}{4}$ in.	4	$\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$	1 lb. 14 oz.	89c

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 $\frac{3}{4}$ -inch belt only. Attractively finished. **Be sure to state size of bore wanted.**

Catalog No.	Diameter	Bore, inches	Shpg. Wt.	Each
9 PT 2800	$\frac{1}{2}$ in.	$\frac{1}{2}$	3 oz.	19c
9 PT 2801	$\frac{3}{4}$ in.	$\frac{1}{2}$, $\frac{3}{8}$	5 oz.	23c
9 PT 2802	$\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	6 oz.	29c
9 PT 2803	$\frac{3}{4}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	7 oz.	35c
9 PT 2804	$\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	10 oz.	45c
9 PT 2805	$\frac{3}{4}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	15 oz.	59c
9 PT 2806	$\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	1 lb. 6 oz.	79c

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	$\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$	6 oz.	23c
9 PT 2902	$\frac{3}{4}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	9 oz.	29c
9 PT 2903	$\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	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 $\frac{3}{8}$ or $\frac{1}{2}$ -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	$\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$	5 oz.	39c
9 PT 2881	$\frac{3}{4}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	9 oz.	45c
9 PT 2882	$\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	10 oz.	49c
9 PT 2883	$\frac{3}{4}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	12 oz.	59c
9 PT 2884	$\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	1 lb.	69c
9 PT 2885	$\frac{3}{4}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	1 lb. 4 oz.	79c
9 PT 2886	$\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	1 lb. 10 oz.	95c
9 PT 2888	$\frac{3}{4}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	1 lb. 12 oz.	1.35
9 PT 2810	$\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	3 lbs.	1.65
9 PT 2812	$\frac{3}{4}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	3 lbs. 13 oz.	2.19
9 PT 2815	$\frac{1}{2}$ in.	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	6 lbs. 5 oz.	3.25

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 $\frac{3}{8}$ -inch or $\frac{1}{2}$ -inch wide. **Be sure to state size of bore wanted.**

Catalog No.	Diam.	Bore, inches	Shpg. Wt.	Each
9 PT 2940	3 in.	$\frac{3}{8}$, $\frac{1}{2}$, 1	1 lb. 13 oz.	\$2.49
9 PT 2941	4 in.	$\frac{3}{8}$, $\frac{1}{2}$, 1	3 lbs.	2.98
9 PT 2942	5 in.	$\frac{3}{8}$, $\frac{1}{2}$, 1, 1 $\frac{1}{8}$	3 lbs. 6 oz.	3.59
9 PT 2943	6 in.	$\frac{3}{8}$, $\frac{1}{2}$, 1, 1 $\frac{1}{8}$	4 lbs.	4.19
9 PT 2944	8 in.	1, 1 $\frac{1}{8}$, 1 $\frac{1}{4}$	5 lbs. 4 oz.	5.19
9 PT 2945	10 in.	1, 1 $\frac{1}{8}$, 1 $\frac{1}{4}$	7 lbs.	6.95
9 PT 2946	12 in.	1, 1 $\frac{1}{8}$, 1 $\frac{1}{4}$	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 $\frac{3}{4}$	$\frac{1}{2}$	12	45c
2 $\frac{1}{2}$ x 2 $\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{8}$	1	65c
3 x 3	$\frac{3}{8}$, 1	1	85c
4 x 3 $\frac{1}{2}$	$\frac{3}{8}$, 1	2	\$1.25

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 $\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{8}$	12	\$1.49
2 x 2 $\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{8}$	14	1.79
2 $\frac{1}{2}$ x 2 $\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{8}$, 1	3	1.98
3 x 3	$\frac{3}{8}$, 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. 5c
9PT2814— $\frac{1}{2}$ in. 7c

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.**

20c
9 PT 2750

3/8-inch V-Belts

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

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

1/2-inch (A Section) V-Belts

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

Catalog No.	Length	Width	Shpg. Wt.	Each
9 PT 2758	28 in.	$\frac{1}{2}$ in.	5 oz.	28c
9 PT 2816	30 in.	$\frac{1}{2}$ in.	5 oz.	30c
9 PT 2759	32 in.	$\frac{1}{2}$ in.	4 oz.	32c
9 PT 2760	34 in.	$\frac{1}{2}$ in.	6 oz.	34c
9 PT 2761	36 in.	$\frac{1}{2}$ in.	6 oz.	36c
9 PT 2762	38 in.	$\frac{1}{2}$ in.	6 oz.	38c
9 PT 2817	40 in.	$\frac{1}{2}$ in.	7 oz.	40c
9 PT 2763	42 in.	$\frac{1}{2}$ in.	7 oz.	42c
9 PT 2767	44 in.	$\frac{1}{2}$ in.	7 oz.	45c
9 PT 2818	46 in.	$\frac{1}{2}$ in.	7 oz.	46c
9 PT 2764	48 in.	$\frac{1}{2}$ in.	7 oz.	48c
9 PT 2765	54 in.	$\frac{1}{2}$ in.	7 oz.	54c
9 PT 2766	58 in.	$\frac{1}{2}$ in.	8 oz.	58c
9 PT 2767	66 in.	$\frac{1}{2}$ in.	9 oz.	66c
9 PT 2771	84 in.	$\frac{1}{2}$ in.	10 oz.	84c
9 PT 2772	100 in.	$\frac{1}{2}$ in.	12 oz.	\$1.00

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 Number	Length	Width	Shipping Weight	Each
9 PT 2960	45 in.	$\frac{5}{8}$ in.	10 oz.	79c
9 PT 2961	49 in.	$\frac{5}{8}$ in.	10 oz.	89c
9 PT 2962	54 in.	$\frac{5}{8}$ in.	11 oz.	95c
9 PT 2963	58 in.	$\frac{5}{8}$ in.	12 oz.	\$1.00
9 PT 2964	63 in.	$\frac{5}{8}$ in.	12 oz.	1.05
9 PT 2965	71 in.	$\frac{5}{8}$ in.	14 oz.	1.19
9 PT 2966	78 in.	$\frac{5}{8}$ in.	15 oz.	1.29
9 PT 2967	84 in.	$\frac{5}{8}$ in.	1 lb.	1.39
9 PT 2968	88 in.	$\frac{5}{8}$ in.	1 lb. 2 oz.	1.49
9 PT 2969	93 in.	$\frac{5}{8}$ in.	1 lb. 3 oz.	1.59
9 PT 2970	100 in.	$\frac{5}{8}$ in.	1 lb. 4 oz.	1.69
9 PT 2971	108 in.	$\frac{5}{8}$ in.	1 lb. 6 oz.	1.89
9 PT 2972	115 in.	$\frac{5}{8}$ in.	1 lb. 8 oz.	2.10
9 PT 2973	123 in.	$\frac{5}{8}$ in.	1 lb. 9 oz.	2.19
9 PT 2974	131 in.	$\frac{5}{8}$ in.	1 lb. 10 oz.	2.29
9 PT 2975	147 in.	$\frac{5}{8}$ in.	1 lb. 12 oz.	2.65

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						
	1½	2	2½	3	4	5	6½
1½ in.	1725	1290	1030	860	645	520	400
2 in.	2300	1725	1380	1150	860	690	530
2½ 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 in.	6900	5160	4140	3450	2760	2160	1660

EXAMPLE—the machine has a 2-inch pulley and should run in 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.



\$139
No. 2

Professional Quality — No Finer Made

A Hammer Built for Craftsman by Craftsman. \$2.50 quality elsewhere! Rubber tip for comfortable, non-slip grip. Best drop forged vanadium steel; the strongest known to the tool industry. Tempered exactly right. Mirror polished. Beveled face. Claws give sure, firm grip on smallest brad or largest nail. Shrink-proof straight grained selected hickory handle, double steel wedged in tapered eye—CAN'T come loose. **State size.**

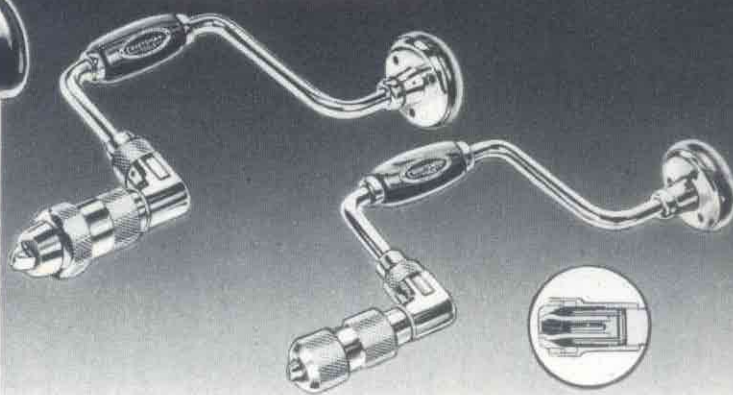
Catalog No.	Style	Size	Wt. of Head	Shpg. Wt.	Price
9 PT 3814	Curved	2	13 oz.	1 lb. 12 oz.	\$1.39
9 PT 3814	Curved	1 1/2	16 oz.	2 lbs. 2 oz.	1.49
9 PT 3816	Straight	1 1/2	16 oz.	2 lbs. 2 oz.	1.55



CRAFTSMAN Modelmaker's Hammer

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

9 PT 3813.....75c



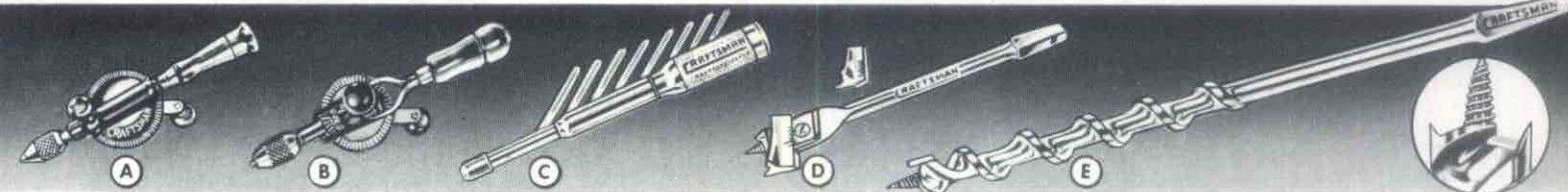
CRAFTSMAN Ratchet Braces . . . No Finer Made

Heavy duty construction in every detail. Used by thousands of professional carpenters. Full steel clad easy working ball bearing head. Fully enclosed reversible ratchet; protected against dirt and grit. Extra heavy duty chuck takes all sizes of square shank bits; also round shank bits 1/4 to 1/2 in. Universal, self-opening alligator jaws; drop forged and heat treated. Mahogany head and handle. 1/2-inch full polished nickel plated frame.

9 PT 4260—Be sure to state size.
8-in. sweep. Shpg. wt., 3 lbs. 11 oz. \$3.45
10-in. sweep. Shpg. wt., 4 lbs. 2 oz. 3.59

Super quality throughout. Equipped with Sampson heavy duty ball bearing chuck for more positive grip and easy release of bits. Holds regular square shank bits, No. 1 Morse taper, and round shank bits from 1/4 to 1/2 in. Fully clad ball bearing head. Reversible ratchet, fully enclosed to protect it against dirt and grit. Universal self-opening, sure-gripping jaws; drop forged, heat treated. Genuine mahogany head and handle. Extra heavy duty 1/2-in. steel frame with 10-in. sweep; nickel plated, polished.

9 PT 4252—Shpg. wt., 4 lbs. 4 oz. \$4.89



CRAFTSMAN Drills

A Hand and Breast Drill. For wood or metal. Machine cut gears. 3-jaw chuck. Capacity, 3/4 in. Screw cap hollow handle provides space for drills. Length, 14 3/4 in. Shipping weight, 2 lbs. 14 oz.

9 PT 4233.....\$3.29

B Hand Drill. For wood or metal. Machine cut gears. 3-jaw chuck. Takes straight shank drills to 1/2 in. Screw cap handle of tropical wood. Length, 12 1/2 inches. Shipping weight, 2 lbs. 10 oz.

9 PT 4234.....\$2.55

Push Drill

C CRAFTSMAN. Heavy duty professional quality. Strong smooth-operating mechanism. Extra heavy nickel plated finish. Knurled handle for non-slip grip. Chuck has hardened steel jaw. Has eight drill points (1/4 to 1 1/4 in.) in magazine type holder, each in separate slot clearly marked with the size. Length, 9 1/2 inches. Shipping weight, 12 ounces.

9 PT 4221.....\$1.75

Expansive Bits

D CRAFTSMAN. Tempered tool steel, highly polished. Cutters are carefully ground and sharpened to a keen, long lasting edge. Have beveled edge to hold them rigid to prevent slipping while boring. Adjusted by one screw. Two cutters.

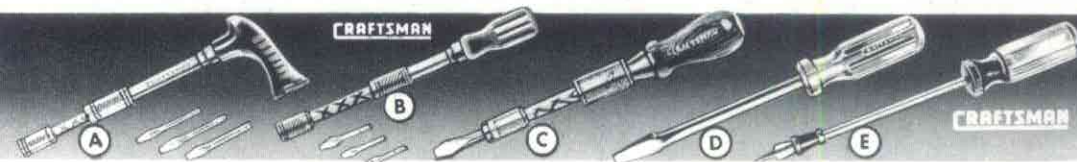
9 PT 4192—Cuts 1/2 inch to 1 1/4 inches. Shipping weight, 6 oz. \$1.10

9 PT 4193—Cuts 3/8 inch to 3 inches. Shipping weight, 12 oz. \$1.49

CRAFTSMAN Chromium Plated Auger Bits

E Made of perfectly tempered chrome vanadium steel for super strength and super edge holding qualities! Only the very finest bits are made of this famous steel alloy! Has an industrial chromium finish which is extra heavy. Sharpened by hand after plating—thus giving you the greatest advantage of a rust-resisting finish without affecting the cutting edge. Double-flip cutter head and deep, clean-cut thread for easy starting in the hardest wood. Solid center stem for extra strength. Single spiral elevates chips, thus preventing clogging and assuring fast, free cutting. Cuts a clean, smooth hole, accurate in size. Buy your CRAFTSMAN auger bits in sets and get a handy metal case at very little extra charge; See sets below. **State size.**

Size, in.	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3
Shpg. wt.	2 oz.	2 oz.	3 oz.	3 oz.	4 oz.	4 oz.	5 oz.	5 oz.	6 oz.	6 oz.	6 oz.
9 PT 4175	35c	39c	43c	45c	49c	55c	59c	63c	65c	69c	75c



CRAFTSMAN Ratchet Screwdrivers

A "Tenite" handle; unbreakable. Hardened steel spiral. Right or left hand ratchet, or rigid. Length, extended, with bit, 19 in. 3 bits, small, medium, large, inside handle. Shipping weight, 1 lb. 8 oz.

9 PT 4140.....\$3.35

B Hardwood handle. Hardened steel spiral; automatic spring return. Right or left hand ratchet, or rigid. Length, extended, with bit, 20 1/4 in. 3 bits, small, medium and large. Shipping weight, 1 lb. 12 oz.

9 PT 4141.....\$3.45

C Handy speed-driver. Large hardwood handle for firm grip. Spiral of hardened steel. Has left and right hand ratchet or can be made rigid. Blade exceptionally well tempered and finished. Accurately shaped tip. Length, extended with bit, 10 in. With screwdriver bit. Rugged long-life construction in every detail. Shpg. wt., 1 lb.

9 PT 4130.....\$1.25

CRAFTSMAN Screwdrivers

D Super quality screwdrivers! Transparent, "shock-proof" unbreakable amber handles. Vanadium steel square blades, chromium plated.

9 PT 4148—State size.

Blade, in.	Shpg. Wt.	Each
4 1/2 x 3/16	4 oz.	49c
4 x 1/4	5 oz.	59c
6 x 1/4	6 oz.	69c
8 x 1/4	10 oz.	89c

E Sensational screw-holding screwdrivers for hard-to-reach places. Strong steel clips and spring hold screw. Transparent "shock-proof" amber handle.

9 PT 4112—State size.

Blade, in.	Shpg. Wt.	Each
1/2 x 2 1/2	4 oz.	35c
3/4 x 4	5 oz.	39c
1 x 5	6 oz.	55c
1 1/2 x 7	8 oz.	85c



CRAFTSMAN Miter Box, Saw

Heavy steel frame and baseboard. Ball bearing saw guides and ball bearing saw guide lever. With 28-inch CRAFTSMAN back saw. Cuts stock up to 5 in. Graduated to show degrees. Saw can be swung and locked at any angle. Capacity at miter, 7 in.; right angle, 10 1/4 in. With length and depth gauges. Shipping weight, 41 lbs.

99 PT 03650.....\$27.45

Heavy Duty Tool Chests

Professional Mechanic's Box. 22-gauge steel. Liftout tray. Nickel-plated corner frame. Leather handle. Shpg. wt., 9 lbs.

9 PT 06511—19x7x7 1/4 in. \$2.69

CRAFTSMAN Carpenters' Chests. Like above. With Corbin hump lock. Shpg. wt., 14 lbs.

99 PT 06513—26x8x8 in. \$4.59

99 PT 06515—32x8x9 in. Extra end handle. Shpg. wt., 18 lbs. \$5.75

Cabinet Scraper

CRAFTSMAN quality. Keen, long-lasting, 2 1/2-in. tempered tool steel double blade; removable so all four edges may be used. Comfortably shaped hardwood handle. Shipping weight, 8 oz.

9 PT 3656.....45c

CRAFTSMAN Flex-Rigid Tapes

Inside-outside, all-purpose tape. For measuring windows, doorways, height, or depth. Nickel plated case. Flex-rigid, nickel chrome alloy steel tape; 6-ft. long, 1/2-in. wide. Clearly marked in 16ths. Shipping weight, 4 ounces.

9 PT 3905.....\$1.09

Folding Rule

\$1.25 quality elsewhere! Blue "Tenite" lifetime plastic case; chromium side plates. Nickel plated 6-ft. Swedish steel tape, 1/2-in. wide. Both edges graduated in 16ths. Bends to fit uneven objects, or can be held rigid. Shpg. wt., 4 oz.

9 PT 3913.....85c

CRAFTSMAN Regular

75c quality elsewhere. Made in the U. S. A. Painted white. Clear black markings. Select hardwood. Brass friction joints and plates. Accurate graduations in sixteenths and eighths. Shpg. wt., 6 oz.

9 PT 3930.....49c

CRAFTSMAN PLANES

Corrugated
or Smooth
Bottom



No Finer Planes Made!

Precision built for the man who will have only the best. Cutter is of special analysis tool steel—tempered, honed, ground. Patent lever and screw device for sideways and depth adjustments. Cuts from tissue thin to coarse shavings. Snug-fitting frog and spring lever cap prevent chatter. Chrome plated lever cap. Machine chased sides. Genuine rosewood handle and knob.

\$369
No. 3

Smooth Bottom	Lgth.	Cutter	Shpg. Wt.	Each
9 PT 3741—No. 3	8-in.	1 3/4-in.	3 lbs. 8 oz.	\$3.69
9 PT 3742—No. 4	9-in.	2-in.	4 lbs. 4 oz.	3.89
9 PT 3743—Jack No. 5	14-in.	2-in.	5 lbs. 12 oz.	4.39
Corrugated Bottom				
9 PT 3747—Jack No. 5	14-in.	2-in.	5 lbs. 12 oz.	4.69
9 PT 3748—Fore No. 6	18-in.	2 3/4-in.	7 lbs. 14 oz.	6.95
9 PT 3749—Jointer	21 1/2-in.	2 3/4-in.	9 lbs.	7.95

CRAFTSMAN Block Planes

(A) Best quality. Ground bottom and sides. 1 3/4-in. tempered steel cutter; patented screw adjustment. Nickel plated cap. Adjustable throat. Lgth., 6 3/4 in. Shpg. wt., 1 lb. 12 oz.

9 PT 3704.....\$1.85

(B) Low angle knuckle joint plane. 1 3/4-in. cutter net at 12°. Nickel plated cap. Lgth., 7 in. Adjustable throat. Shipping weight, 2 lbs. 4 oz.

9 PT 3732.....\$2.45

CRAFTSMAN Saws

- CHROME-VANADIUM high carbon steel—the finest edge-holding steel the industry has developed—tempered in electrically controlled furnaces.
- 4-gauge taper ground from teeth to back and from butt to point. Won't bind!
- Teeth same gauge entire length of saw—expertly set and bevel filed to keen diamond points that STAY sharp!

No finer made at ANY price! Actually superior to nationally known saws selling for \$6.25. Made by master saw makers! Notice the perfect design... the beautiful ribbon wave finish... the feel... the balance!

Choice of carved genuine black walnut handle; or streamlined handle of blue tenite—the marvel plastic that defies wear. Both types scientifically designed to eliminate wrist strain.

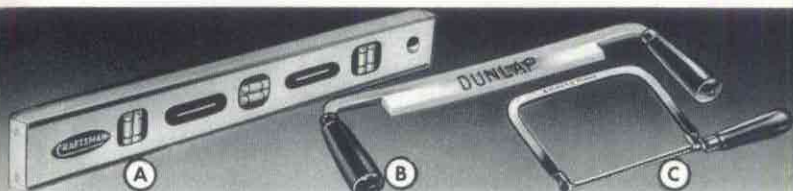
26-inch blade. Both saws available in 8, 9, 10 or 11-point crosscut saw; or 5 1/2-point rip saw. Shpg. wt., 3 lbs.

99 PT 03610—C-15 Straight Back Saw: walnut handle. State type and point.....\$3.75

99 PT 03608—C-50 Straight Back Saw: Tenite handle. State type and point.....\$3.75

\$375
YOUR CHOICE

Lifetime
Tenite Handle



CRAFTSMAN Wood Level

(A) Laminated walnut and pine with metal end plates. Only finest grade, select, straight grained stock is used; thoroughly seasoned and kiln dried to prevent warping. Length, 24 inches. 6-glass; large oval vial cases. Precision built to exacting specifications. Guaranteed accurate. Waterproof, weather-resisting lacquer finish. Shipping weight, 1 pound 10 ounces.

9 PT 3987.....\$2.85

DUNLAP Draw Knives

(B) A fast cutting tool for tapering and rough shaping of wood. Much faster and easier than a chisel or plane for rough work. Tool steel razor-like blade. Tangs extend through handle: double riveted.

9 PT 3665—State size. 8-inch blade. Shpg. wt., 1 lb. 6 oz.....98c

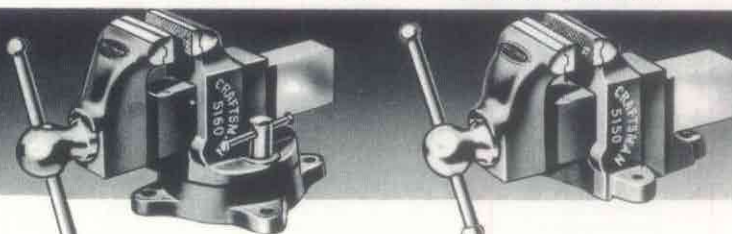
10-inch blade. Shpg. wt., 1 lb. 14 oz.....\$1.19

CRAFTSMAN Coping Saw

(C) Sears finest! Designed for intricate sawing such as pattern making, jig saw puzzles, etc. Chromium plated frame, 6-inch throat. Comfortable handle has weather-resisting finish. With six 6 1/2-inch pin type blades. Shipping weight, 1 lb. 2 oz.

9 PT 3537.....98c

9 PT 3538—Package of 6 blades. Shipping weight, 1 oz.....15c



CRAFTSMAN Heavy Duty Machinists' Vises

\$975
3-Inch
Swivel Base

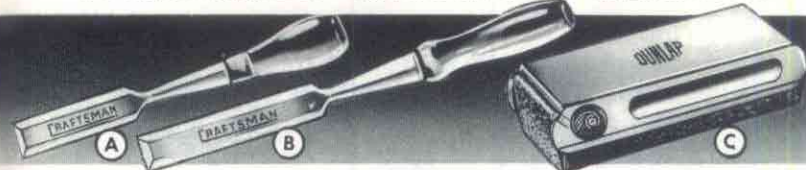
No finer machinists' vises made yet priced fully 25% less than comparable quality elsewhere. Note what others ask for similar quality in table below. Extra heavy! Extra strong! Built for heaviest machine shop work. Finest materials and workmanship throughout. Unconditionally

\$750
3-Inch
Solid Base

guaranteed for 10 years. Semi-steel construction—reinforced at all points of strain and strong enough to stand up under the hardest machine shop use. Replaceable knurled alloy tool steel jaws are heat treated and hardened. Cold rolled steel screw, and handle. Every part carefully machined and fitted. Extra heavy slide bar is milled on all four sides—fits snugly into machine broached opening in base—slides easily, won't wobble. Blue enamel finish. Bolts included. Shipped freight or express. Shipping weights same as actual weights. 6-inch jaw size and larger shipped prepaid from factory in southern Illinois. Smaller sizes carried in stock.

Swivel Base	Jaws	Open to	Weight	Others Ask	Sears Price
99 PTM 5160	3 in.	4 in.	27 lbs.	\$13.00	\$9.75
99 PTM 5161	3 1/2 in.	5 in.	36 lbs.	15.00	11.25
99 PTM 5162	4 in.	6 in.	51 lbs.	17.00	12.75
99 PTM 5163	4 1/2 in.	6 1/2 in.	69 lbs.	20.00	15.00
99 PTM 5164	5 in.	7 1/2 in.	95 lbs.	30.00	22.50
99 PTM 5166F	6 in.	10 in.	147 lbs.	52.00	39.00
99 PTM 5168F	8 3/8 in.	14 in.	345 lbs.	105.00	78.75

Solid Base	Jaws	Open to	Weight	Others Ask	Sears Price
99 PTM 5150	3 in.	4 in.	22 lbs.	\$10.00	\$7.50
99 PTM 5151	3 1/2 in.	5 in.	31 lbs.	11.25	8.40
99 PTM 5152	4 in.	6 in.	41 lbs.	12.75	9.50
99 PTM 5153	4 1/2 in.	6 1/2 in.	59 lbs.	15.00	11.60
99 PTM 5154	5 in.	7 1/2 in.	78 lbs.	20.00	15.00
99 PTM 5156F	6 in.	10 in.	130 lbs.	39.00	29.25
99 PTM 5158F	8 in.	13 1/2 in.	299 lbs.	75.00	56.25



CRAFTSMAN Chrome Vanadium Chisels

Super-tough. Chromium plated to resist rust. Leather tipped select hickory handle with steel ring to prevent mushrooming. Socket butt chisels have 3-inch blade; socket firmer chisels have 4 1/2-inch blade.

Note: Socket firmer chisels have 7/2 inch blades.				
State Size	(A) Socket Butt Chisels		(B) Socket Firmer Chisels	
	Shpg. Wt.	9PT3685	Shpg. Wt.	9PT3684
1/4 in.	8 oz.	\$1.35	8 oz.	\$1.35
3/8 in.	10 oz.	1.39	9 oz.	1.39
1/2 in.	10 oz.	1.39	12 oz.	1.49
3/4 in.	12 oz.	1.45	13 oz.	1.65
1 in.	13 oz.	1.55	14 oz.	1.69
1 1/4 in.	1 lb.	1.65	1 lb. 3 oz.	1.75
1 1/2 in.	1 lb. 6 oz.	1.75	1 lb. 10 oz.	1.85

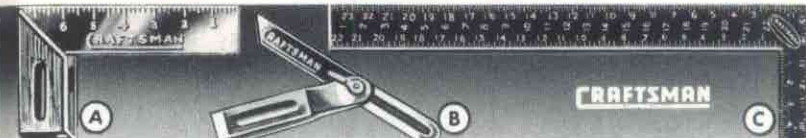
DUNLAP Sanding Block

(C) Just the thing for the many sanding jobs in your shop. Length, 6 inches. Made of cadmium plated steel with a 30-in. roll of sanding cloth which stretches over a sponge rubber cushion. As sanding cloth wears out, just pull out a new section. Convenient grip for fingers. Shipping weight, 12 oz.

9 PT 3681 Complete.....59c

30-Inch Refill Roll

9 PT 3688—For above. Shipping weight, 1 ounce.....15c



CRAFTSMAN Try Square

(A) Blued steel blade. Rosewood handle. White graduations: 1/8-in. Length, 7 1/2 in. Shpg. wt., 10 oz.

9 PT 3952.....65c

CRAFTSMAN Precision Squares

(B) 9 PT 3962—No. 30B. Blued Steel Square. 18x12 in. Face marked 1/16 and 1/4 in. back, 1/12 and 1/4 in. Shpg. wt., 1 lb. 12 oz.....\$1.79

99 PT 03969—No. 100B. Rafter Square. 16x24-in. Body, 2 in. tongue, 1 1/2 in. brace measure and patent rafter table. Graduations on face, 1/4 and 1/2-in. back, 1/8, 1/4, 1/2-in. White enamel markings. Shpg. wt., 3 lbs.

99 PT 03973—Like 99 PT 03969 above. Royal copper finish. Also includes hip, valley, jack and cripple rafter table. Directions included.....\$2.59

CRAFTSMAN Sliding T Bevel

(C) Blued steel blade. Rosewood handle. Length, 8 in. Shpg. wt., 6 oz.

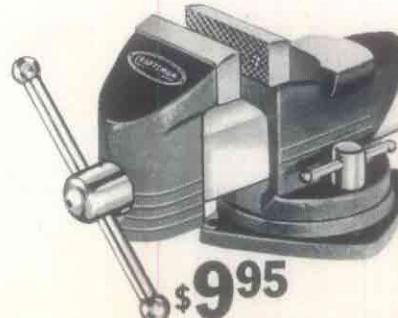
9 PT 3950.....55c

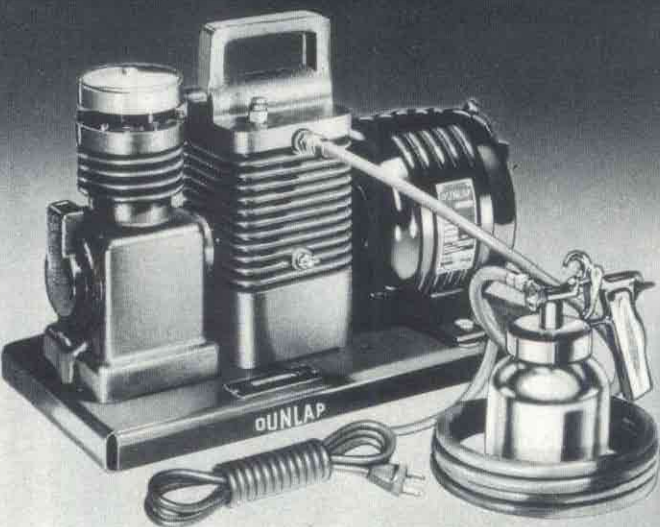
CRAFTSMAN Machine Shop Vise

New! General purpose machine shop vise at garage vise prices. Ideal for factory or tool room use.

Has features of the most expensive machinists' vises. Steel beam covers Acme threaded screw, prevents filings and foreign matter from wearing threads. Replaceable jaws of chrome alloy steel cover entire jaw surface; carefully tempered to Rockwell C55; machine-cut diamond serrations for a slip-proof grip. Swivel base allows vise to turn 360 degrees; has positive clamp lock. Blue finish. Jaws, 4 in. wide; open to 5 in. Shipping weight, 38 pounds.

99 PT 05169.....\$9.95





DUNLAP 1/4-H. P. PISTON TYPE PAINT SPRAYER

\$27.50

Complete

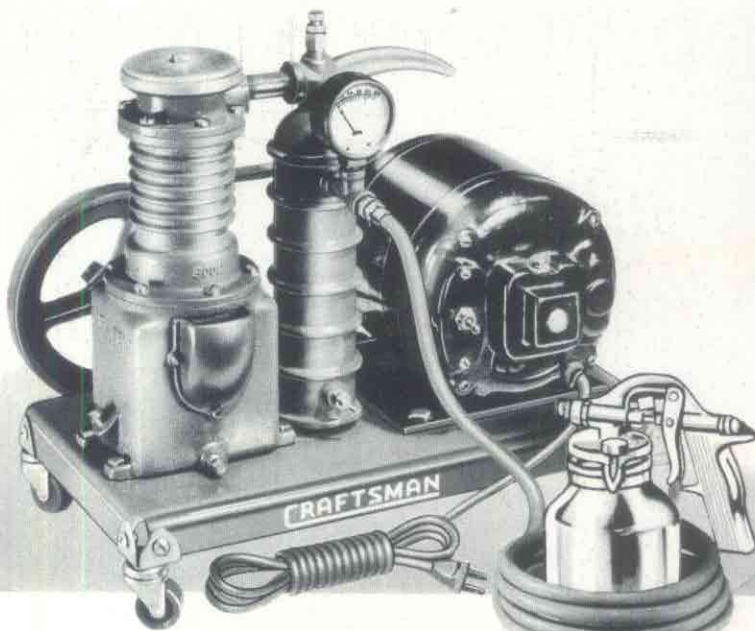
- 2 3/4 cubic feet of air per minute—2 cubic feet at 25 pounds working pressure.
- 4-ring, 2-groove piston delivers clean, "oil free" air.

Never in the history of the industry has there been a paint sprayer like this sold elsewhere—in this price range. Has features and quality you'd expect only in paint sprayers costing \$35 or more.

Streamlined . . . compact . . . efficient. Piston type construction like all big commercial sprayers. All working parts enclosed. Sturdy construction and careful counter-balancing result in quiet, smooth operation. Does the job 6 to 8 times faster than brushing—and does it better. Gives a beautiful, smooth, professional finish. Sprays paints, lacquers, varnishes, enamels, insecticides, water colors, dyes, etc.

Complete with 1-qt. internal mix pressure feed spray gun with adjustable needle valve, and round and fan spray air caps. Improved air receiver insures smooth flow of air; built-in air filter. Safety valve. Motor is connected directly to drive shaft by flexible coupling.

99 PT 05610—Complete with 1/4-H.P. 110-120-volt, 60-cycle A.C. 1750 R.P.M. motor, 15-foot 3/4-inch inside diameter hose, and spray gun. Length, 18 inches. Shipping weight, 60 lbs. \$27.50



CRAFTSMAN 1/3-H. P. PISTON TYPE PAINT SPRAYER

\$35.95

Complete

- 3 1/2 cubic feet of air per minute—2 3/4 cubic feet at 30 lbs. working pressure.
- Piston type compressor and "V" belt drive.
- 2 1/2-inch bore piston has two grooves and four rings to insure clean, "oil free" air at all times.

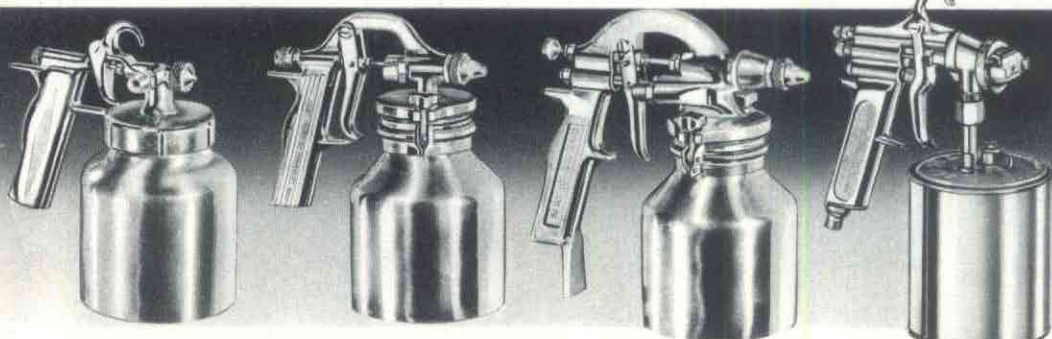
Compare with sprayers which cost \$45 to \$50 elsewhere! Does the job 8 times faster than brushing and does it much better. That is why this type of machine is used in commercial shops. Sprays paints, enamels, lacquers, varnishes, disinfectants, insecticides, water colors, dyes, etc. Piston type compressor and V-belt drive like commercial units for long, trouble-free service. "V" belt drive operates the compressor at about one-half motor speed (950 R.P.M.), reducing wear on all moving parts and providing smoother compressor action.

Reamed and honed cylinder walls further increase the life and better the performance. New design air intake thoroughly filters incoming air.

One quart internal mix bleeder type gun has adjustable needle valve. This type of spray gun allows continuous flow of air through nozzle, prevents clogging when gun is not in use. Air gauge shows amount of air pressure. Built-in safety valve. Sprayer is mounted on heavy truck with casters—easy to move about. Complete with spray gun with 1-quart material cup, two tips (one round, one fan spray) 15-foot 3/4-inch inside diameter air hose.

99 PTM 5578—Complete Piston Type Paint Sprayer outfit with 1/3-H.P. 110-120 volt 60-cycle A.C. 1750 R.P.M. motor with sealed oil chambers that never need oiling, built-in switch, cord, and unbreakable plug. Shipping weight, 62 pounds. \$35.95

99 PT 05575—Complete outfit without motor. Shipping weight, 28 pounds. \$27.95



FULTON Spray Gun

A thoroughly practical and dependable spray gun at a moderate price. Use it with most any compressor or air supply so long as pressure is not more than 40 pounds per inch. Bleeder type construction allows continuous flow of air through nozzle to prevent clogging. Material sprayed is fed through nozzle under pressure. Has screw-on 1-quart can. Complete with both fan and round spray tips. Shpg. wt., 1 lb. 10 oz.

9 PT 5578 . . . \$4.65

DUNLAP Spray Gun

You can let this gun stand without operating and yet not worry that it will clog up. The bleeder type internal-mix spray gun is so designed that when material is shut off the air continues to blow through the nozzle, thus preventing clogging. Adjustable needle valve regulates flow of material. Two-finger trigger control keeps your hand from getting tired on long jobs. Clamp-on 1-quart can. Complete with two nozzles and two air tips, one round and one fan type. Shipping weight, 3 lbs. 10 oz.

9 PT 5637 . . . \$7.25

CRAFTSMAN Spray Gun

A real production type internal mix gun. Two-finger trigger operates two valves that control both material and air. Non-bleeder type—recommended for steady production spraying. Needle valve has adjustment to regulate flow of material. Operates on three to six cubic feet of air and pressures up to 50 lbs. Two inner fluid tips and two spray caps, one round and one fan type. 1-quart capacity handy clamp-on can. Nicely balanced for easy handling. Shipping weight, 3 pounds 10 ounces.

9 PT 5594 . . . \$9.95

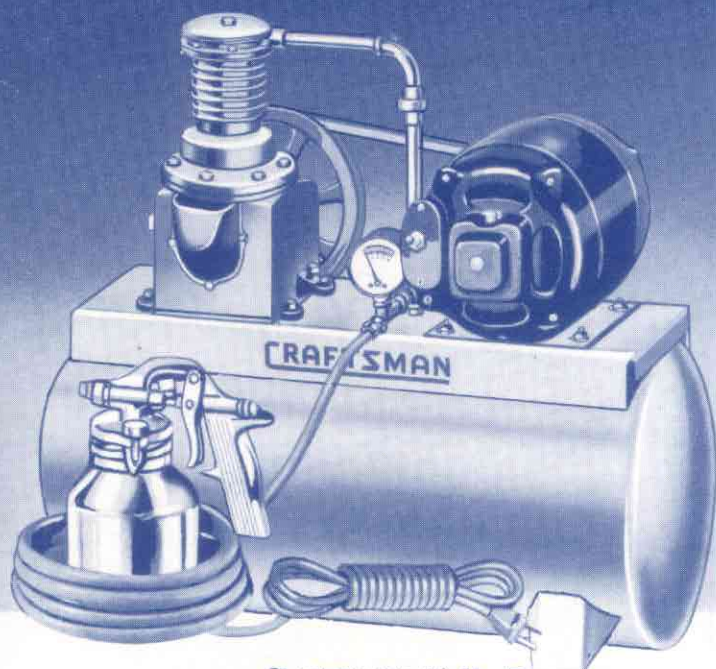
CRAFTSMAN Spray Gun

High speed production type external mix syphon type gun. Equal to \$30 guns! For pressures from 20 to 90 lbs. at 5 to 8 cu. ft. per minute. All adjustments for flow of air or material. Features: removable spray head with air-tight lock, easily removed for cleaning; push button controls fan or round sprays; removable air intake filter; syphon feed cover fits quart paint cans—saves time, money, paint. Shipping wt., 3 lbs. 10 oz.

9 PT 1831 . . . \$21.50

SPECIFICATIONS

	99PT05610	99PTM5576
Over-all Height	11 in.	14 in.
Over-all Width	8 1/4 in.	10 in.
Over-all Length	18 in.	17 1/2 in.
Compressor Type	Single Cylinder Piston	Single Cylinder Piston
Bore and Stroke	2 1/4 x 3/4 in.	2 1/2 x 1 1/4 in.
Displacement	2 3/4 C.F.M.	3 1/2 C.F.M.
Speed	1750 R.P.M.	950 R.P.M.
Working Pressure	25 lbs.	30 lbs.
Maximum Pressure	40 lbs.	50 lbs.
Motor (H.P.)	1/4-H.P.	1/3-H.P.
Speed Switch	1750 R.P.M. No	1750 R.P.M. Yes
Gun (described at left)	9PT5578	9PT5637
Hose Inside Diam.	1/4 in.	1/4 in.
Length	15 ft.	15 ft.
Base Size Casters	8 1/4 x 18 in. No	10 x 17 1/2 in. Yes



CRAFTSMAN 1/3-H. P. PISTON TYPE PAINT SPRAYER

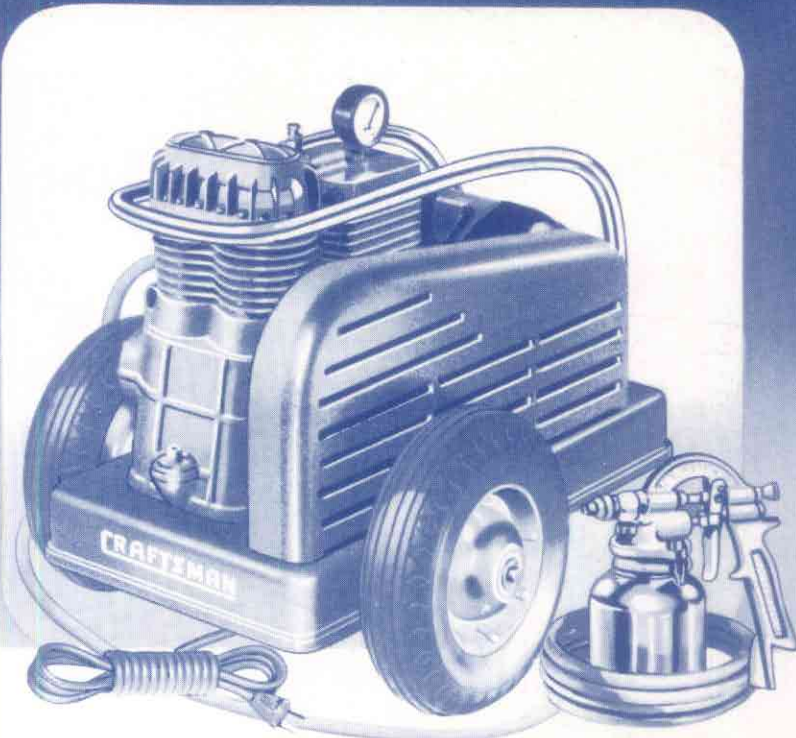
- Storage tank provides air supply at working pressure for smoother spraying.
- 3 1/2 cubic feet of air per minute—2 3/4 cubic feet at 30 lbs. working pressure.
- Equipped with a 4-ring, 2-groove piston.

\$45⁹⁵ Complete

Has all the fine features of the CRAFTSMAN 1/4-H.P. piston type paint sprayer listed on the opposite page—but this unit is mounted conveniently on an oversize steel pressure tank. This powerful semi-commercial tank sprayer is a great favorite with industrial shops, artists, etc., because the large tank absorbs the slight pulsations from the compressor. This results in a very even pressure and smoother operation of the gun.

The entire unit is mounted on the large, heavy gauge steel pressure tank, 10 inches in diameter and 20 inches long. The piston type compressor always delivers clean, "oil-free" air. Has free air displacement of 3 1/2 cubic feet per minute. A built-in safety valve prevents pressure from becoming too high; the air gauge indicates the pressure at all times.

Complete with 1/3-H.P., 1750 R.P.M. motor, pressure type gun with two tips and two air caps, 15-ft. 1/4-inch inside diameter air hose. Starting switch on motor. For 110-120 volt 60-cycle A.C. 99 PTM 5577—Shipping weight, 93 pounds. \$45.95



CRAFTSMAN 3/4-H. P. INDUSTRIAL PISTON TYPE PAINT SPRAYER

- 8 cubic feet of air per minute—5 cubic feet at 35 lbs. working pressure.
- Ball bearings and perfect counter-balancing for smooth operation. Semi-pneumatic rubber tires, 10x2 1/2 in.
- Modern streamlined design . . . completely enclosed.

\$98⁵⁰ Complete

Equals units selling elsewhere for \$120. Will deliver more cubic feet of air per minute than any other 3/4-H.P. sprayer we know of. Extra heavy duty construction. Built like big commercial sprayers, with extra capacity for production work. Easy to move about, even over rough surfaces.

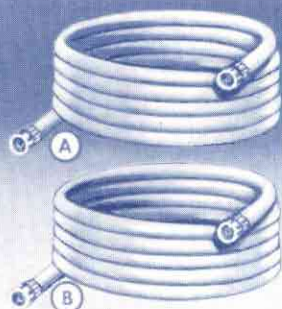
Powerful twin-cylinder, air cooled piston compressor has free air displacement of 8 cu. ft. per minute, 5 cu. ft. at actual 35 lbs. working pressure. 2 1/4-inch bore; 1 3/4-inch stroke; overall length, 23 3/8 inches. Adjustable relief valve controls pressure. Built-in filter assures clean air. Complete with safety valve and pressure gauge. Heavy duty, non-bleeder production type gun (9PT5594 shown on preceding page) with dual valve construction enables you to use the full capacity of the sprayer.

99 PTM 1994—Complete outfit, with 3/4-H.P. 3450 R.P.M. motor with switch for 110-220 volt, 60-cycle A.C., 25 foot 1/4-inch inside diameter air hose, and production type spray gun. Shipping weight, 170 pounds. \$98.50

99 PTM 1993—Above unit without motor. Shipping weight, 95 pounds. 73.95

SPECIFICATIONS

	99PTM5577	99PTM1994
Over-all Height	22 in.	21 in.
Over-all Width	10 in.	20 in.
Over-all Length	20 in.	23 3/8 in.
Compressor Type	Single cylinder piston	Twin cylinder piston
Bore and Stroke	2 1/4 x 1 1/2 in.	2 1/4 x 1 3/4 in.
Displacement	3 1/2 C.F.M.	8 C.F.M.
Speed	950 R.P.M.	1000 R.P.M.
Working Pressure	30 lbs.	35 lbs.
Maximum Pressure	50 lbs.	50 lbs.
Motor { H.P. Speed Switch	1/3 1750 R.P.M. Yes	3/4 3450 R.P.M. Yes
Gun (described on opposite page)	9PT5637	9PT5594
Hose { Inside Diameter Length	1/4 in. 15 ft.	1/4 in. 25 ft.



Quality Air Hose

(A) Heavy rubber and fabric construction; stands lots of knocking about. Lengths are easily joined together by special leakproof couplings. Inside diameter, 1/4 in. With fittings.

9 PT 5638—15 feet. Shpg. wt., 1 lb. 8 oz. \$1.35
9 PT 1826—25 feet. Shpg. wt., 3 lbs. \$1.69

Heavy Duty Material Hose

(B) Extra strong! Special lining resists deterioration caused by paint and thinners. Length, 15 ft.; 3/8-in. inside diameter. For any of the paint spray units on this page. Leakproof fittings. Shpg. wt., 2 lbs. \$2.39
9 PT 1832 \$2.39



Industrial Paint Spray Outfit

Designed for any plant with existing air pressure system. Used for almost every spraying operation. Includes 9PT5637 gun (see opposite page), 15-ft. 1/4-in. inside diameter air hose, filter, gauge, reducing valve for regulating pressure to less than 50 lbs., shut-off valve.

99 PT 05633—Shpg. wt., 15 lbs. \$12.75
Pressure Gauge. Graduated to register air pressure available for spray gun. May be mounted on reducing valve and filter assembly. 79c
9 PT 5649—Shipping weight, 8 oz. 79c

Reducing Valve and Filter. Assures delivery of very dry air. Filter prevents water, oil, and other impurities from getting into air stream. Valve reduces and controls commercial air pressure below 50 pounds. \$3.95
9 PT 5648—Shpg. wt., 2 lbs. 8 oz. \$3.95

Respirator. Keeps paint out of nose and lungs. 32 PT 6552—Shpg. wt., 6 oz. (Not shown). \$1.69

Cotton Filters for above. Box of 50. 49c
32 PT 6553—Shipping weight, 3 oz. 49c



3-Gallon Paint Tank

Why bother to refill your paint can on big jobs? Use this big 3-gallon steel tank in place of cup with any unit on these 2 pages except 99PT05610. One fill lasts several hours. Tank is well constructed with close fitting clamp-on lid to hold pressure. Material is forced from tank through material from tank to spray gun. Gun may not be operated more than five feet above level of tank. When operating at a height tank may be carried up the ladder.

With 15-foot air hose and 15-foot material hose. Hook type handle for hanging on ladder. Shpg. wt., 16 lbs. \$11.50
99 PT 01968 \$11.50

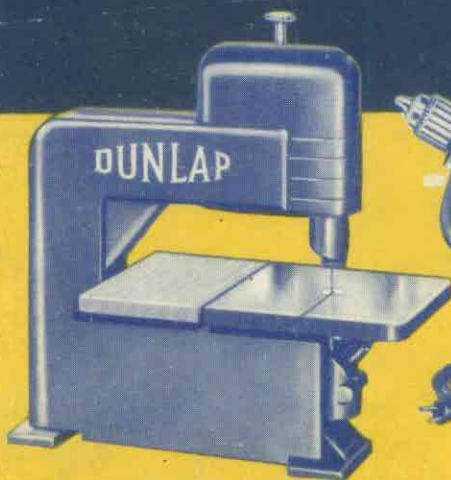
**YOUR CHOICE
OF ANY TOOL
ON THIS PAGE**

**\$17⁷⁵
EACH**

Similar Quality

\$20 to \$25

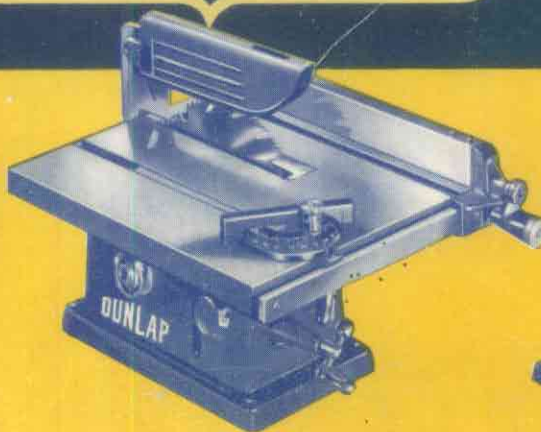
Elsewhere



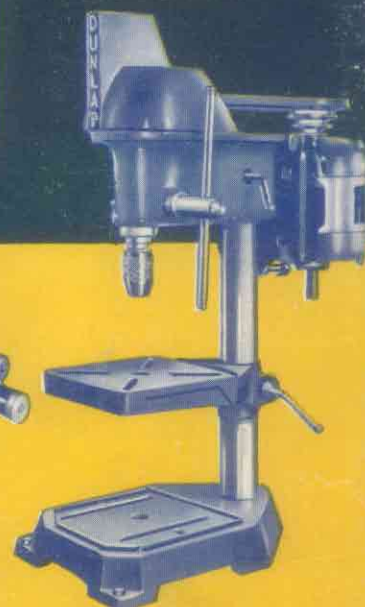
99 PTM 2334—DUNLAP 3-Wheel Band Saw. 12-in. throat. Page 8



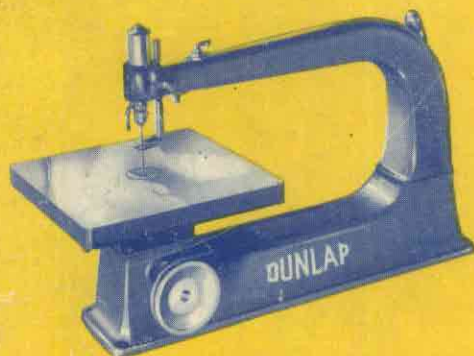
9 PT 2577 — CRAFTSMAN 1/4-in. Electric Drill. Page 29



99 PT 02170—DUNLAP 7-in. Bench Saw. Table size, 12 1/4 x 16 3/16 in. Page 1



99 PTM 2376—DUNLAP Drill Press, less motor. 1/2-in. capacity. Page 30



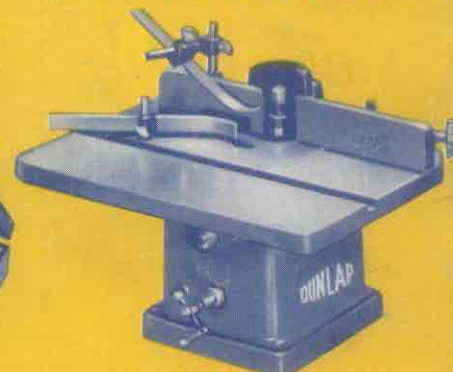
99 PT 02267—DUNLAP Jig Saw. 18-in. throat. Page 11



99 PT 01956—CRAFTSMAN 1/2-H. P. Condenser Motor. 1750 R.P.M. Page 42



9 PT 2652—CRAFTY Rotary Electric Tool with accessories. Page 18



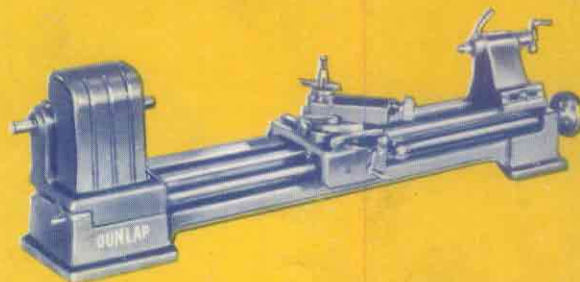
99 PT 02317—DUNLAP Shaper. Table, 15 1/2 x 10 1/2 in. Page 13



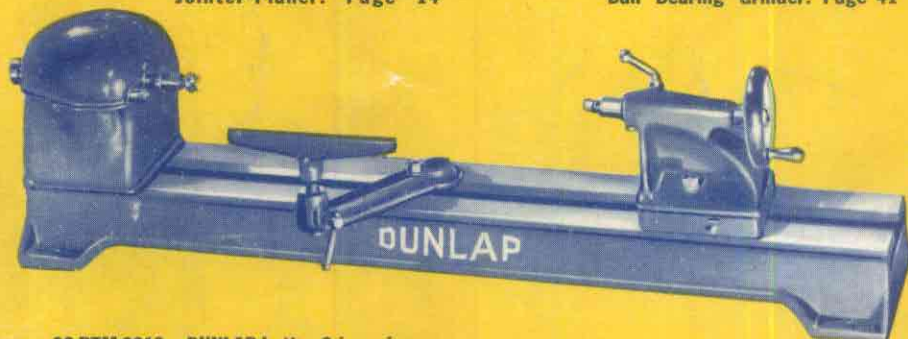
99 PTM 2287—DUNLAP 4 1/4-in. Jointer-Planer. Page 14



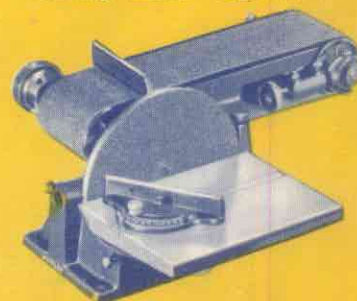
99 PT 02616 — DUNLAP 1/4-H.P. Ball Bearing Grinder. Page 41



99 PT 02046—DUNLAP Metal Turning Lathe. Page 24



99 PTM 2019—DUNLAP Lathe. 9-in. swing; 30-in. centers; 44-in. bed. Page 22



99 PTM 2213—DUNLAP Combination 4-in. Belt and 8-in. Disc Sander. Page 16

SEARS, ROEBUCK AND CO.