

NEW COMPANION JIG SAW

Designed for Smooth, Faster Cutting

- New, attractive streamlined frame, ruggedly built. Full length base support.
- 15-inch depth of throat. Cuts to center of 30-inch circle.
- Perfectly balanced action reduces vibration; permits finer, faster cutting.
- Large table, 10x10 inches, tilts on new double support. Locks rigidly at any desired angle with convenient handle.
- Dustproof, oiltight crankcase for longer life—better service.
- Extra long bearings, carefully fitted. Auto-lubricating bronze main bearing.
- Built-in sawdust blower keeps work clean, and cutting lines visible.
- Cuts light or heavy material.

Vibrationless! Fast Cutting!

You'd never expect to find such materials—workmanship—smooth operation—and downright fine quality in a jig saw in this price range! But here it is—another example of Sears record-smashing values in the power tool field—another reason why Sears continue to lead the world in power tool sales! It's built strong enough for professional work—that's why it handles the usual run of homecraft jobs so easily. Scroll sawing, jig sawing, pattern making, toy building and a hundred similar types of work are easily handled by this machine.

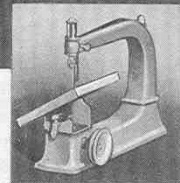
The finely balanced mechanism runs in a bath of oil just like your automobile engine. Sturdy new type jaws accommodate practically all kinds of jig saw blades. If you want to saw copper or aluminum as well as wood—go ahead. With the proper blades you can handle metals as easily as wood. The streamlined gray iron frame is very strong and rigid, with the base extending the entire length of the machine to give

firmer and more solid support. This means a jig saw that will run much smoother, with far more accuracy.

Easily handles stock up to 1 inch thick. Has full 15-inch throat. Fitted with 10x10-inch tilting table, adjustable from 0 to 45 degrees. Equipped with hold-down and guide for holding down work and guiding blade. There's nothing skimped—nothing omitted that would make this saw work better, do more, last longer! No doubt about it—it's the finest medium-size jig saw you've ever seen. Shipping weight, 45 pounds.

99 P 2255..... \$11.95

\$11⁹⁵



View Showing Table Tilted

Table is adjustable from 90 to 45 degrees. Note the new double table support for greater firmness and rigidity. Scale shows angle of tilt. Quickly and easily locked at any angle.

Easy Terms! ON ORDERS OF \$20 OR MORE SEE INSIDE FRONT COVER

COMPANION II-INCH JIG SAW...Runs in Bath of Oil

- 9-in. square gray iron table tilts to 45°. Ground finish.
- Finely balanced mechanism operates in an oil-tight crankcase similar to that in your automobile.
- Sawdust blower. Bridge truss type frame.

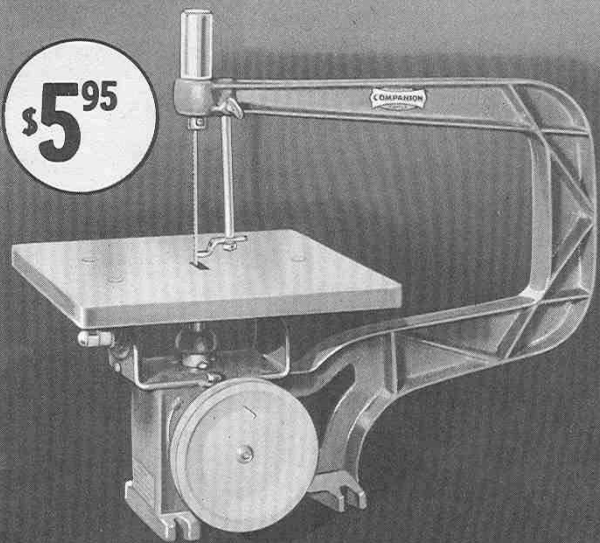
See how you save by buying at Sears! No other saw of this quality is sold for less than \$10.00 ANYWHERE! If it weren't for Sears tremendous power tool production and sales this price would be utterly impossible.

It's new—better—more efficient! New large table, 9x9 inches, is made of gray iron ground to a perfect finish. New improved table tilting support carries table at two points, front and rear—makes table more rigid and sawing more accurate. The mechanism runs in a bath of oil as in the most expensive jig saws. This means smoother operation—longer life—greater all-around satisfaction. It cuts to the center of a 22-inch circle and easily handles stock up to 1-inch thick. Its balanced mechanism provides smooth operation.

Be sure the jig saw you buy has all these features. Then make the final test—operate it! That's the way to compare it! See for yourself how much finer this Sears saw is than any other jig saw sold at anywhere near its price! Shipping weight, 20 pounds.

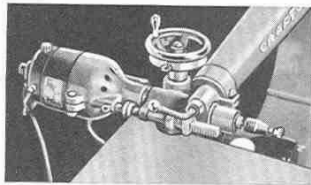
99 P 2259.....\$5.95

\$5⁹⁵

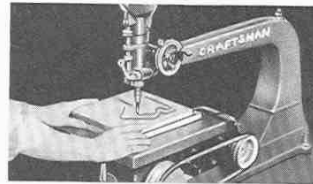


CRAFTSMAN CONVERTIBLE HEAVY DUTY

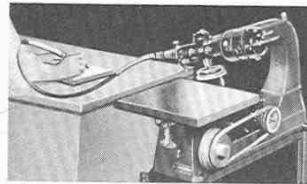
REG. U. S. PAT. OFF.



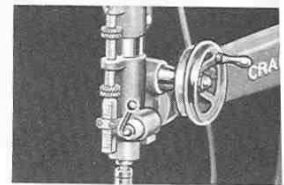
Router head assembly tilted for spindle carving. Scale on head shows angle of tilt. Uses cutters below.



Doing carving work with the head in vertical position. Beautiful relief carvings may be produced easily.



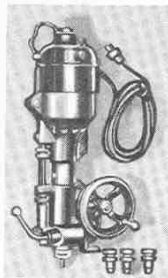
Showing high speed flexible shaft in use with router head for die work. Also used for carving.



Showing controls on router head. Hand wheel lowers cutter into work. Gauge shows depth of cut.

HIGH SPEED ROUTER ATTACHMENT

One of the most remarkable features of the CRAFTSMAN 24-inch Jig Saw is that it will accommodate a high speed router attachment which takes the place of the regular head on the extension arm. This attachment is a complete unit in itself—a vertically mounted ball bearing motor which operates at 17,000 R.P.M. and is carried in a rugged housing which encases the steel quill and ball bearing spindle. The motor and quill unit may be raised or lowered by a hand wheel. With this high speed router attachment you can do the most intricate sort of routing, carving and grinding, as well as shaping, mortising and tenoning. The high speed flexible shaft can be driven from the router unit. You can add a dovetail jig and router at small cost and do perfect dovetailing. In short, there is scarcely a high speed routing operation that can be handled on the most



expensive production machine which you cannot handle with the CRAFTSMAN router head.

Complete assembly consists of 17,000 R.P.M. 110-120 volt A.C.-D.C. motor, motor bracket with steel quill having milled rack and ball bearing spindle, and set of three collet chucks. It takes the place of regular jig saw head. Fits any CRAFTSMAN 24-inch jig saw, old or new style. Jig saw shown on these pages has a pair of heavy screws, one on each side of arm, that hold the jig saw head in position. When they are loosened the head may be removed and adapter unscrewed. Adapter is then screwed into router and router is put in position in place of head. Shpg. wt., 25 lbs.

9 P 2260—High Speed Router, complete \$33.50
 99 P 2642—Router Motor only. Shipping weight, 10 pounds..... \$16.95
 For routing and carving bits or other accessories see Pages 28 and 29.

FEATURES

- Table mounted on DOUBLE trunnions, front and rear, to secure more rigid support.
- Table tilts to 45 degrees with angle clearly shown on accurate quadrant.
- Table trunnion equipped with stops at important angular positions.
- Driving mechanism runs in bath of oil, providing positive lubrication.
- Extra large table, 14 inches square, made of precision ground heavy gray iron.
- Cuts to center of a 48-inch circle and handles material up to 2 inches thick.
- Frame scientifically designed for rigidity.
- Mechanism very perfectly balanced for freedom from vibration.
- New design blade guide and thrust—much more convenient and efficient.
- Upper arm removable or may be pivoted.
- Router head attachment available for versatility in operation.



Machine Files for Jig Saw Use

Use these handy files in your CRAFTSMAN 24-Inch Jig Saw to replace tedious hand filing. Made of special file steel and will give superior service. Have 5/16-inch shanks. Shipping weight, each, 1 ounce.

9 P 2737—3 Square File.....55c | 9 P 2738—Round File.....55c | 9 P 2740—Pillar File.....55c
 9 P 2742—Half Round File.....55c | 9 P 2739—Crochet File.....55c | 9 P 2741—Square File.....55c

EASY TERMS!

On Orders of \$20.00 or more see Inside Front Cover



Carving Cutters for Use With High Speed Router Attachment

9 P 2644—High speed cutters of finest quality tool steel. Specify item wanted. Shipping weight, each, 2 ounces.

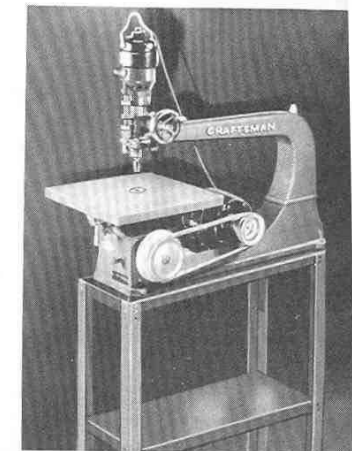
Round Nose \$1.75 | Half Round \$1.75 | Liner \$1.75 | 5/16-in. Cutter Shank 45c | Button Drill \$1.75 | Hook Tool \$1.75 | Straight Face \$1.75



CRAFTSMAN FRET AND JIG SAW BLADES

Catalog Number	Thickness, Inch	Width, Inch	No. in Pkg.	Type End	Length, Inches	Teeth per Inch	Use*	Shpg. Wt., Pkg.	Price per Pkg.
9 P 2692	.008	.035	8	Plain	6	20	W. V. Pd	1 oz.	19c
9 P 2693	.010	.045	8	Plain	6	18	W. V. Pd	1 oz.	19c
9 P 2694	.010	.055	8	Plain	6	16	W. V. Pd	1 oz.	19c
9 P 2695	.010	.070	8	Plain	6	14	W. M.	1 oz.	19c
9 P 2701	.020	.070	6	Plain	6	32	M	1 oz.	19c
9 P 2702	.014	.078	6	Plain	6	16	W. M.	1 oz.	19c
9 P 2709	.020	.110	6	Plain	6	20	G. W. M.	1 oz.	19c
9 P 2710	.020	.110	6	Plain	6	7	W. P.	1 oz.	19c
9 P 2700	.020	.110	6	Plain	6	10	G. W. M.	1 oz.	15c
9 P 2701	.020	.110	6	Plain	6	15	G. W. M.	1 oz.	15c
9 P 2704	.020	.110	6	Pin	5	10	G. W. M.	1 oz.	15c
9 P 2705	.020	.110	6	Pin	5	15	G. W. M.	1 oz.	15c
9 P 2706	.020	.110	6	Plain	8 1/2	10	G. W. M.	1 oz.	19c
9 P 2707	.020	.110	6	Plain	8 1/2	15	G. W. M.	1 oz.	19c
9 P 2708	.020	.110	3	Sabre	6	Asst'd	W	1 oz.	19c
	Assorted								

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

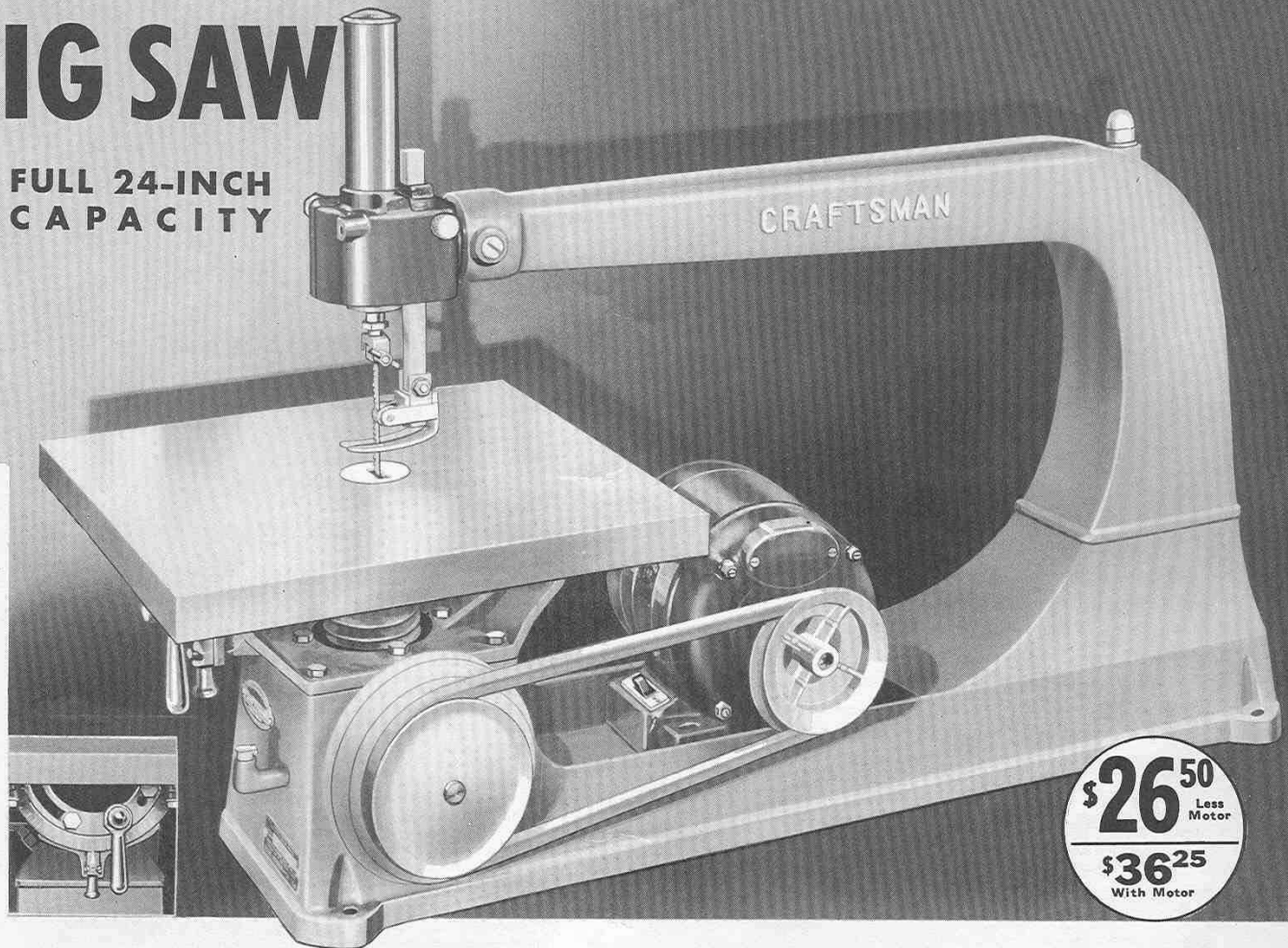


The above illustration shows an ideal combination of units. The CRAFTSMAN 24-inch jig saw complete with router head is mounted on machine stand. Our regular 1/3-H.P. ball bearing motor number 99 P 5607 is provided to drive the jig saw mechanism. Here is indeed a tool with a wide range of operations. Outfit includes our 99 PM 2276 jig saw, 9 P 2260 router, 99 P 5607 motor and 99 P 2719 machine stand in the 10x34x31-inch size. Shipping weight, 191 pounds.

99 PM 2339..... \$73.50

JIG SAW

**FULL 24-INCH
CAPACITY**



New from the ground up! Better! Stronger! More efficient! Every part is newly designed to incorporate all the features we have found necessary for finest jig saw performance during our many years experience in power tool design. Our engineers and designers co-operated closely with the manufacturers to produce the finest jig saw Sears ever sold. And what a saw they've made! A miracle of smoothness in operation—stronger and sturdier in construction—and far more versatile than any jig saw we've seen anywhere. It has ALL the features of any other jig saw regardless of price. But even more, it has many features no other saw ever had!

Note the new large table and particularly the way the table is mounted—on **two** large trunnions for perfect rigidity at all times. Here's a major improvement—important because it is fundamentally right. Note, too, how the motor is mounted in a well in the base so as to keep

it down low out of the way. New type motor mount gives smooth, even drive and facilitates changing of speeds for different kinds of work. Works equally well with the smallest fret saw blade or with blades a full 1/4-inch wide. Can also be used for filing. Will saw non-ferrous metals easily and accurately. Mechanically it is as close to perfection as it is possible to come. Give it your hardest jobs! You'll find we haven't told you half the story of its high quality and performance! Complete with 4-step drive pulley, 4-step motor pulley and belt.

99 PM 2276—CRAFTSMAN 24-inch Jig Saw without motor. Shipping weight, 105 pounds.....\$26.50

99 PM 2338—CRAFTSMAN 24-inch Jig Saw with 1/2-H.P. ball bearing COMPANION 110-120 volt, 60-cycle A.C. motor. Shipping weight, 135 pounds.....\$36.25

Easy Terms
ON ORDERS OF
\$20 OR MORE
SEE INSIDE
FRONT COVER

SPECIFICATIONS

SPEEDS: Operates at 4 speeds—600, 900, 1200 and 1500 for various types of work.

BASE: Large rugged gray iron casting with smoothly ground faces. Attractively streamlined. Heavy and rigid in order to reduce vibration to a minimum. Recess in base allows motor to be partially concealed—out of the way where it will not interfere. The crank case is completely enclosed in the front end of the base.

TABLE: Made of heavy gray iron, well ribbed, with large 14-inch square working surface. Carefully machined to receive complete set of extensions. Mounted on TWO heavy trunnions. Front trunnion has protractor and plunger type stop for important angles. Tilts to 45 degrees on one side and to 10 degrees on the pulley side. Has 2-inch center soft metal insert.

ARM: Large and heavy. 24-inch depth of throat. New scientific design for greatest strength and least vibration. Can easily be swung out of the way or removed entirely. Accurately machined to fit base. Front end fitted for removable vertical guide and pump housing. Has adapter for attaching router.

CRANK CASE: A separate self-contained unit. Fitted to table support and, in turn, mounted in base. Large diameter shaft runs in self-oiling bronze bearings. Oversize balanced mechanism runs in oil. Oil pump forces oil to top of crank case and supplies continuous flow to main bearing and upper sections of moving parts. Shaft fitted with 4-step fly wheel pulley for greater smoothness of operation.

PUMP AND SPRING HOUSING: Large air pump with hollow vertical saw guide which has key way guide and self-oiling bronze bearing. Oil reservoirs are in direct contact with bronze bearing, supplying lubricant to reciprocating guide shaft. Powerful sawdust blower is built into head. Air is blown in front of saw teeth through hollow guide in chuck jaws, thus eliminating any necessity for tube. Pump tube is adjustable to give any desired tension on saw blades or to take longer blades.

HOLD-DOWN GUIDE: Located directly behind blade, or may be shifted 90 degrees for ripping long boards. Has roller guide and is fully adjustable in all directions. Can be mounted under table for saber sawing.

CHUCKS: Manganese bronze with removable jaws. Can be fitted with special jaws for filing.

CANVAS BOOT: Completely encloses the upper part of the lower guide at all times, preventing abrasive dust from getting into bearings or oil supply.

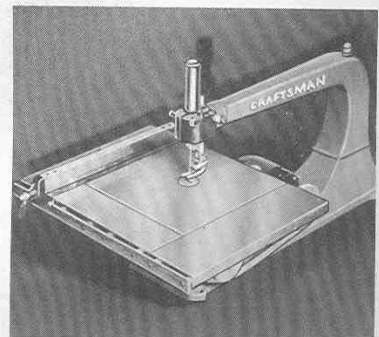
Table Extension and Rip Fence

\$7.50

You'll want this handy set for your CRAFTSMAN 24-in. Jig Saw. Accurately made and carefully finished—fit perfectly. The table extensions increase the table size to 18x25 1/2 in., and allow you to really utilize the large capacity of the tool. They provide a solid surface for work and permit you to handle large jobs with ease. The rip fence is very useful in handling straight work.

Set consists of front extension, 14x4 inches; two side extensions, each 18x5 3/4 inches; and long rip fence, bars and necessary fittings. Front extension is gray iron, ground and finished. Side extensions are steel. Order these accessories with your CRAFTSMAN Jig Saw. They'll give it greater capacity and will make it far more useful and versatile in your shop. Shipping weight, 14 pounds.

9 P 2278.....\$7.50



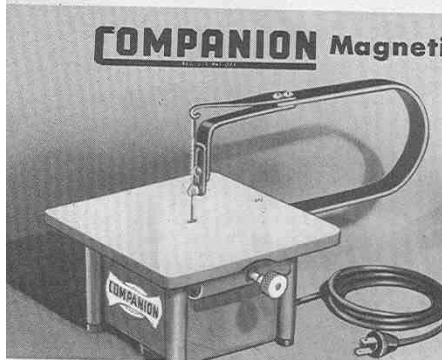


COMPANION UTILITY ARC WELDER

- Will melt 300 inches of 1/8-inch welding rod per hour.
- Operates on 110-volt 60-cycle or 220-volt 60-cycle A. C.
- Plugs in like lamp cord—Uses standard 30-ampere fuse.
- Has 4 heat control taps; proper heat for every job.
- Easily movable on heavy steel casters; machine is entirely enclosed for greater safety, durability.
- Complete with helmet, rods and all necessary equipment.

Now you can do your own arc welding—and save money! Thanks to the low price and operating economy of this easy-to-use electric welder. Weld automotive engine blocks, fenders, farm machinery, tanks, gutters, etc. Weld without removing the broken part from its place! The COMPANION Electric Arc Welder makes speedy, economical and enduring welds. Not for steady all day production use, but ideal for general purpose intermittent service. No experience necessary. With instructions, heavy electrode holder, welding helmet, 4 pounds assorted welding rods, cord, plug and welding cables as illustrated. Shipping weight, 110 pounds.

99 P M 2005—COMPANION Arc Welder.....\$39.50
 9 P 2006—Welding Rods. 5 pounds assorted, for use with welder above. Shipping weight, 5 pounds 8 ounces.....\$1.85



COMPANION Magnetic JIG SAW

\$7.45

IDEAL
For
FAST
FINE
WORK

- Speed! 7200 strokes per minute.
- Complete—no motor to buy.
- Length of stroke easily adjusted.
- Plugs into any 110-volt, 60-cycle household A.C. socket.
- No rotating motor parts to get out of order.
- Made of sturdy gray iron castings.
- Very smooth cut—no sanding necessary.
- Much safer than regular jig saws.

Exactly what you need for those intricate sawing jobs—jobs in thin wood that must be done accurately. The COMPANION Magnetic Jig Saw handles up to 3/4-inch stock, but is particularly recommended for light work. Within its field, you can't beat it. It cuts a perfect right angle or a circle as small as 1/16-inch in diameter (as large as desired) . . . leaving absolutely smooth edges that need no sanding. It does the job by using high speed—7200 strokes per minute, and a stroke of 1/2 to 3/4-inch. The stroke length can be regulated simply by turning the adjustment knobs.

The COMPANION Magnetic Jig Saw is complete in itself. No need to buy motor. Just plug it in—that's all. This tool has gone through rigid tests. Great care has been taken to choose only the best materials and fashion them into a perfected saw. The low price makes it a great power tool value! Shipping weight, 16 pounds 8 ounces.

9 P 2299.....\$7.45
 9 P 2690—Package of 6 special blades for COMPANION Magnetic Jig Saw. Shipping weight, 1 ounce.....15c

COMPANION ELECTRIC SPOT WELDER

- Plugs in like a lamp cord—no special wiring needed.
- Capacity: 2 pieces 20-gauge (1/32-inch or lighter) soft steel, sheet iron, tin, or 1/8-inch wire.
- Consumes only a small amount of current and only at instant of use.
- Operates on 110-volt 60-cycle A.C. only. Can be furnished for 220-volt A.C. on special order.
- Equipped with safety fuse.

Make your shop truly complete with this COMPANION Electric Spot Welder. It's the handiest tool you've ever seen for quick repair jobs, for all round light spot-welding. You can weld 20-gauge soft steel, tin, iron or 1/8-inch wire . . . no flux, acid or welding wire needed. With this machine you can make aquariums, bird houses, lamp shades, signs, toys, model-builders' knives, bird cages, etc. Turns out perfect welds with ease. Complete with foot pedal control.

99 P 2000—COMPANION Electric Spot Welder, complete, less stand. Shipping weight, 36 pounds.....\$22.95

99 P 2002—Steel Stand, drilled and fitted for above welder. Disassembled for shipping. Shipping weight, 10 pounds.....\$3.15

9 P 2004—Butt Welding Attachment for welding wire, extension shanks on drills, etc. Not illustrated. Shipping weight, 8 pounds 2 ounces.....\$6.75



COMPANION DRILL PRESS

- For wood or metal drilling.
- Oversize auto-lubricating bronze bearings.
- Large ball thrust bearing in head.
- Fine quality 3/8-inch drill chuck. 1 1/2-in. spindle travel.
- Adjustable drill head.
- Height, over all, 31 1/4 inches.

You can handle a large amount of work on this sturdy drill press, and handle it rapidly. It is built with the same column construction as the larger drills. The over-size bearings are auto-lubricating bronze type, with large ball thrust bearing mounted in head. Adjustable drill head and table. Pulley fitted with safety guard. Equipped with adjustable idler drive and spring loaded feed lever.

Shipping weight, 18 pounds.

99 P 2374.....\$5.95



SEARS DELUXE



HANDEE GRINDER

One-hand control . . . Grease sealed, precision ball bearing . . . Universal motor for 110-volt A.C. or D.C. (A.C. current 25 to 60 cycles.) . . . Speed, 25,000 R. P. M. . . . Special graphite carbon brushes, easily replaceable . . . 6-ft. cord. Listed by Underwriters' Laboratories. Over all length, 6 inches . . . Extreme diameter, 1 1/2 in. . . . Shockproof bakelite construction.

What a tool! Highly prized by every craftsman who owns one! For there's nothing it can't do in the line of fine, precise craftsmanship. Grind, drill, cut, carve, polish, sand, saw, engrave—simply by a quick, easy change of the accessories. Can be used on wood, metal, glass, anything that can be machined. Reaches those minute, out-of-the-way spots and does a perfect job. The convenient, hand-fitting shape and light weight (12 oz.) make the operation simple and easy. Equipped with quick acting chuck, patented rotary switch and protective sleeve over chuck. Shipping wt., 1 lb.

9 P 2596—Complete with 6 CRAFTSMAN accessories.....\$18.50

COMPANION REG. U. S. PAT. OFF. DRILL PRESS

... Built for Substantial Service ... Low in Cost!

- Ball thrust-bearing absorbs spindle thrust.
- Auto-lubricating bronze spindle bearings.
- Quill is graduated full 3 inches in 1/16-inch divisions.
- Quill provided with mortising collar. Uses standard attachments.
- Spindle provided with stop collar for drilling a series of holes to same depth.
- Universal type semi-steel head.
- "Feather-touch" clamp locks head to column.
- Extra sturdy base serves as auxiliary table. Unusually heavy, rigid table.

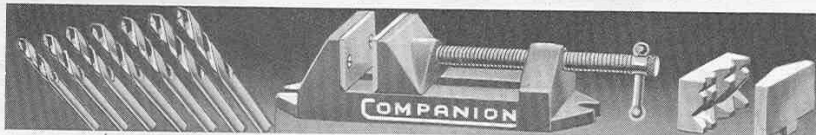
Fine design! Quality construction! Smooth operation! An outstanding drill press in every way—and a super-value! Fully capable of handling mortising, shaping, carving, and routing as well as drilling. Wide range of 7 speeds allows efficient work to be done on either metal or wood. Precision-ground steel spindle is cushioned against thrust by high-grade ball thrust bearing. Extra large auto-lubricating bronze bearings increase smoothness and long life. Quill of high quality steel, finely machined. Accurately cut teeth mesh with wide faced steel feed pinion. Spindle unit balanced for ultra-sensitive feeding. Table is slotted and accurately ground. Can be had with idler assembly for lineshaft drive (see small illustration at right) at \$2.50 extra on original order only. If ordered later, see 9 P 2371 listed below.

99 PM 2378—COMPANION Drill Press, complete with "V" belt, 4-step motor pulley, and 1/2-in. 3-jaw chuck, less motor. Equipped with motor bracket. For idler drive add \$2.50 to selling price and specify "Idler Drive." Shipping weight, 60 pounds. \$15.75

99 PM 2373—Same as above but with COMPANION 1/2-H.P. 110-volt 60-cycle ball bearing motor. Shipping weight 102 pounds \$25.50

99 PM 2369—Same as 99 PM 2378 above but fitted with 1/16 to 1/2-in. capacity Jacobs' chuck. Without motor. Shipping weight, 60 pounds \$19.50

9 P 2371—Belt and idler assembly only for lineshaft drive. (No credit for return of old motor bracket.) See 99 PM 2378 above for cost as original equipment. Shipping weight, 7 pounds. \$3.60



CRAFTSMAN Twist Drills

Finest quality. The product of master drill makers. Seven sizes in each set: 1/16, 1/8, 3/16, 1/4, 5/16, 3/8 and 1/2 inch in handy wooden box. Shipping weight, 6 ounces.

9 P 6686—Set of 7 High Speed Steel Twist Drills. Particularly recommended for use with drill presses and electric drills \$1.75

9 P 6685—Set of 7 High Carbon Steel Twist Drills 75c

COMPANION Drill Vise

Increase the range of work your drill will handle with this high quality vise. Priced at about one-third what is usually asked for similar quality vises. Strongly built. Complete with two extra jaws, one for round or irregular work and swivel block jaw for tapered pieces. Oxidized, non-rusting finish. Accurately cut screw with knurled end for fast action and bar for locking. Over all length, 10 1/4 inches. 2 3/8 inch jaws open 3 inches. Extra jaws included. Practically indispensable in handling tapered pieces and round objects such as pipe, rod, etc. Shipping weight, 4 pounds.

9 P 2436 \$2.19



\$15⁷⁵
LESS MOTOR
\$25⁵⁰
WITH MOTOR

SPECIFICATIONS

- Height, over all: 31 in.
- Width, over all: 9 1/4 in.
- Depth with motor: 24 in.
- Table to chuck jaws: 7 3/4 in.
- Base to chuck jaws: 10 1/4 in.
- Spindle travel: 3 in.
- Column diameter: 1 1/4 in.
- Chuck capacity: 1/2 in.
- Table travel: 7 3/4 in.
- 7 speeds: 700, 1075, 1300, 1725, 2300, 2760, 4000.
- Table size: 7 1/2 x 7 1/2 in.
- Drills to center of 12-in. circle.

Easy Terms! ON ORDERS OF \$20 OR MORE SEE INSIDE FRONT COVER

COMPANION Drill Press equipped with idler assembly

Hollow Chisel Mortising

Cut mortises quickly with perfectly square ends or drill square holes by using this equipment. Shipping weight, 3 pounds.

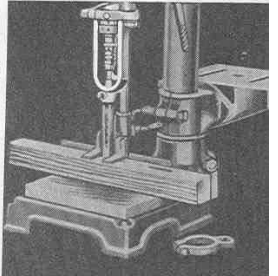
9 P 2461—Mortising Chisel Housing. \$1.50

9 P 2451—Collet Chuck for use with mortising bits. Shipping weight, 3 ounces. 69c

Hollow chisels and bits for use with 9 P 2461 mortising attachment. Same size chisel and bit must be used together. State size.

9 P 2420—Hollow Chisel. Sizes, 1/4 in., 3/8 in., and 1/2 in. Shipping weight, 4 oz. \$1.45

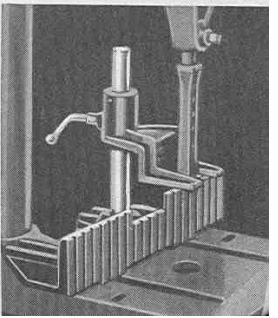
9 P 2422—Mortising Bit. Sizes, 1/4 in., 3/8 in., 1/2 in. Shipping weight, 4 oz. \$1.25



Hold-Down Guide and Bracket

This accessory is indispensable in mortising, as it prevents the work from being lifted when chisel is raised. Adjustable guide insures straight line mortises. Shipping weight, 6 pounds 6 ounces.

9 P 2457—Hold-Down Guide and Bracket for Mortising \$1.90



CRAFTSMAN ALL-PURPOSE

REG. U. S. PAT. OFF.

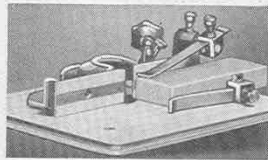
Users Agree It's the Biggest Value in

Use the CRAFTSMAN All-Purpose Drill Press and know the satisfaction of producing fine mouldings, square or rectangular holes, dovetail joints, etc.,—smoothly, easily, and with precision. Know, too, the year-after-year service assured by CRAFTSMAN'S modern design and sturdy, tested construction.

Here's why the CRAFTSMAN is truly a finer, more modern drill: Spindle whip (forces transmitted through the pulley assembly to the spindle) was once the cause of rough operation in drills—until Sears removed the fundamental trouble and evolved this new type of drive. In this drive the pulley is mounted on a long steel sleeve which is mounted on a double-row SKF ball bearing accurately fitted into the drill head . . . mounted independent of the spindle the pulley transmits no undesirable stresses to it! A basic CRAFTSMAN improvement which produces drill presses that stand out because of their smooth, efficient performance.

Widen the range of usefulness of your CRAFTSMAN Drill Press with the accessories shown below. You can actually produce more than 50 different shapes of moulding edges with Sears high quality shaper cutters—all skillfully made to enable your drill to perform extra services, to turn out the professional type of work that's a joy to the true craftsman. Notice also the equipment for hollow chisel mortising (cutting square holes), for making dovetail joints, for doing routing, carving, inlay work, etc. You'll find the CRAFTSMAN handles these jobs so easily that it will be your favorite tool.

ACCESSORIES FOR SHAPING OPERATIONS ON DRILL PRESS



Shaping Attachment

Large, 14½x18-inch finely finished plywood table, fitted with adjustable guard and guide. With hold-down clips and fittings. Shipping weight, 17 pounds.
9 P 2430—Complete attachment for drill press. **\$7.95**
9 P 2428—Guard and guide only. Shipping weight, 4 pounds 12 ounces. **\$2.85**
9 P 2455—Spring clips only. Shpg. wt., 3 lbs. 14 oz. **\$1.65**



Drill Press Adapter

Handy, efficient, expertly designed. This adapter takes ½-inch bore shaper cutters shown at right. To mount it on the tapered spindle, the chuck and the knurled collar above the chuck are removed, and the adapter is placed on the spindle. Then the collar is replaced and locks the adapter in place. Shipping weight, 7 ounces.
9 P 2435..... **95c**



- | | | | | | | |
|---|---|---|---|---|---|---|
| 9 P 2319
¼-inch
Shaper
Cutter
80c | 9 P 2321
½-inch
Shaper
Cutter
80c | 9 P 2323
1-inch
Shaper
Cutter
95c | 9 P 2325
1-inch
Shaper
Cutter
95c | 9 P 2327
1-inch
Shaper
Cutter
95c | 9 P 2329
1-inch
Shaper
Cutter
95c | 9 P 2331
Table and
Rule Joint
Bead Cutter
95c |
|---|---|---|---|---|---|---|

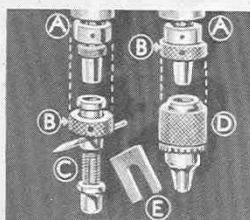
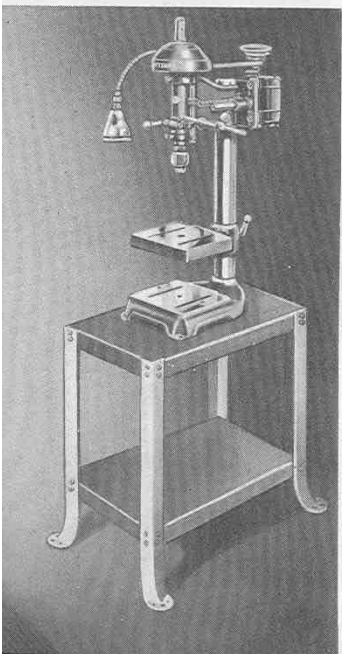
Sizes given are height of cutter. Shipping weight of all items above is 4 oz.



- | | | | | | |
|---|---|---|---|--|---|
| 9 P 2333
Straight
Face
Cutter
95c | 9 P 2335
Table and
Rule Joint
Cove Cutter
95c | 9 P 2365
Matched Set
Tongue and
Groove Cutters
\$1.85 | 9 P 2367
Guide Col-
lets, ½-inch
hole.
\$1.29 | 9 P 2433
Adapter
for small
cutters
35c | 9 P 2465
Cutter
Lock
Nut
7c |
|---|---|---|---|--|---|

Shipping weight of all items above is 6 ounces.

ACCESSORIES FOR DOVETAILING AND MORTISING



Tapered Spindles

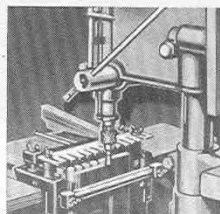
Permanently installed in drill by master mechanics to run true, stay accurate. Lower end of spindle (A) is tapered below threaded part to handle all accessories. Wedge (E) may be used to remove chuck (D). Knurled ring (B) is threaded inside; fits on outside of collet chuck or shaper adapter (C) and securely locks them in position.

Machine Stand

Strong, rigid, all-metal stand for CRAFTSMAN Drill Press. Top 16x21 in. Tool shelf. Specify 16x21x31-in. size. Shipping weight, 39 lbs.
99 P 2719..... **\$5.65**

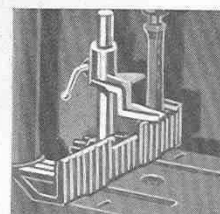
Tool Light

Especially for power tool use. Fits drill press. Throws light exactly where wanted—not in your eyes. Has 15-in. flexible neck, reflector, cord and plug. Shipping weight, 1 lb. 12 oz.
9 P 2264..... **\$1.60**



Dovetailing Attachment

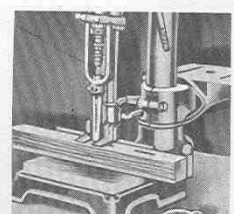
With this attachment you can make perfect dovetail joints. Both members are cut simultaneously. No special skill is required. Attachment consists of a steel comb, slotted to guide shank of router cutting to a pre-determined depth. End plates together with screw fittings for attaching the above guide or comb, clamps for holding work, and a ½-inch dovetail router are included. Ends of pieces to be dovetailed are held at right angles in clamp so that cutter may be guided through one piece and into the other. U.S. patent number 1651510. Shpg. wt., 4 lbs. 1 oz.
9 P 2462—Dovetail attachment set and instructions..... **\$5.45**



Hold-Down Guide

Indispensable in mortising as it prevents the work from being lifted when chisel is raised. Adjustable to control position of mortise. Keeps the work lined up and mortises straight. Bolts to regular drill press table. Easy to use. Adjustable for thick or thin material. Fence part can be used without hold-down as a guide in routing, inlay work, etc. Heavy gray iron construction. Sturdy polished clamp on hold-down. Fingers on hold-down are long enough to securely hold work. Can be used on 99 PM 2380 (on opposite page) and 9 PM 2387 (on Page 30) Drill Presses. Shpg. wt., 6 lbs. 6 oz.

9 P 2457—Hold-Down Guide and Bracket for Mortising..... **\$1.90**



Hollow Chisel Mortising

9 P 2461—Mortising Chisel Housing. Mounts on quill of drill press. Used with collet chuck, chisels and bits listed below. Shipping weight, 3 pounds. **\$1.50**

9 P 2450—Collet chuck for tapered spindle. Shipping weight, 6 ounces. **89c**

9 P 2420—Hollow Chisel for 9 P 2461. Sizes, ¼-in., ⅜-in., and ½-in. State size. Shipping weight, 4 oz. **\$1.45**

9 P 6458—Special Mounted Grinding Point for sharpening hollow mortising chisels. Shipping weight, 3 ounces. **48c**

9 P 2422—Mortising Bit for 9 P 2461. Sizes, ¼-in., ⅜-in., ½-in. State size. Shipping weight, 4 ounces. **\$1.25**

DRILL PRESS

Drill Press History

- Full-floating spindle—any side-pull from belt on spindle is carried on a large deep-groove two-row **SKF** ball bearing.
- 5/8-in. splined spindle mounted in quill entirely independent of pulley mounting on two more sets of precision **SKF** ball bearings.
- Equipped with 1/16 to 1/2-in. genuine Jacob's key chuck.
- Special depth gauge construction eliminates rotational play in quill.
- Drills to center of a 12 3/4-inch circle.
- Smooth, uniform feeding assured by heavy ground steel quill with integral accurately cut teeth.
- Accurate indexed swivel table can be tilted to any angle.
- External depth gauge equipped with knurled lock nuts and is graduated in sixteenths of an inch.
- Base is machined to serve as auxiliary table.

SPECIFICATIONS

Over-all height: 36 inches.
 Over-all width: 10 3/4 inches.
 Over-all depth with motor: 24 inches.
 Chuck: Jacob's geared type. 1/16 to 1/2-in. capacity.
 Maximum distance, table to chuck jaws: 11 inches.
 Spindle travel: 3 in. Spindle has splined drive.

Table travel: 11 inches.
 Distance, chuck to base: 15 1/2 in.
 Bearings: Deep groove **SKF** 3 sets, 4 rows of bearings.
 Steel column diameter: 2 1/4 in.
 Number of speeds: 9.
 Speeds: 600, 760, 1000, 1300, 1800, 2400, 3300, 4000, and 5200 R.P.M.
 Table size: 8 by 9 inches.

The CRAFTSMAN is an outstanding example of Sears amazing progress in drill press performance. Here's a machine that is really five machines in one. You can easily convert this press into an efficient spindle shaper—or use it for mortising, routing, sanding and dovetailing with equally fine results.

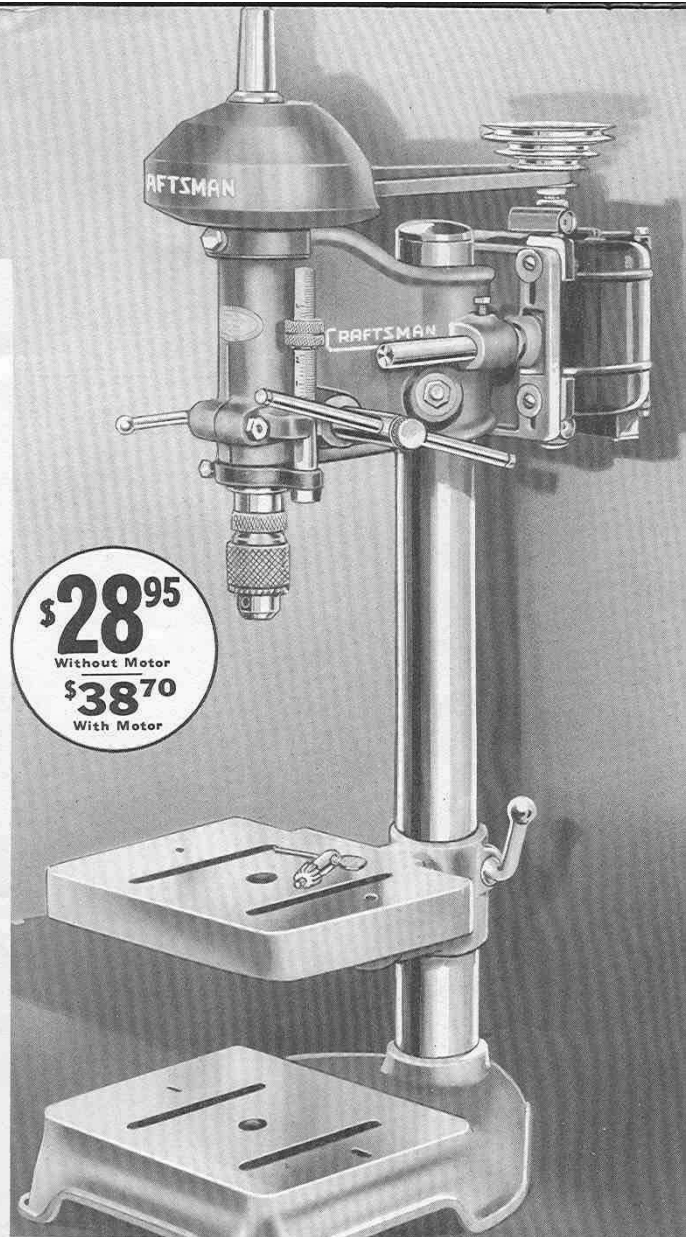
From the tip of its spindle to the carefully machined base it represents top-notch value. It is built throughout of the finest materials, machined with painstaking skill. The genuine Jacob's chuck supplied as standard equipment is the most accurate obtainable.

This is the first drill press with full-floating ball bearing spindle ever offered at this low price. Three heavy duty deep groove **SKF** ball bearings are used. The drive pulley is mounted on a heavy steel sleeve which is accurately fitted into a heavy duty double row **SKF** ball bearing which in turn is securely anchored in the main frame of the drill. This whole assembly is entirely independent of the spindle. The spindle is carried entirely separately from the drive pulley on two sets of large **SKF** ball bearings. Any belt pull which comes on the drive pulley will be absorbed by the double-row **SKF** bearing and will not be transmitted to the spindle. Two rows of bearings in the pulley bearing and two large single-row **SKF** ball bearings in the quill provide 4 rows of ball bearings and insure smooth operation. The quill is made of solid steel, accurately ground. The teeth for receiving feed pinion are milled into it. A quickly adjustable stop gauge indicates at all times the depth of holes being drilled.

99 PM 2380—CRAFTSMAN Drill Press, less motor. Complete with 1/16 to 1/2-in. Jacob's chuck and key, endless "V" belt, and motor pulley. Shipping weight, 85 pounds..... **\$28.95**

99 PM 2385—Same as above but with 1/4-H.P. ball bearing double shaft motor No. 99 P 5607. See Page 37. Shpg. wt., 112 lbs..... **\$38.70**

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



\$28⁹⁵
 Without Motor
\$38⁷⁰
 With Motor



CRAFTSMAN Twist Drills

Highest quality twist drills in handy wooden box. Fast drilling—long lasting. Seven sizes in each set; 1/16, 3/32, 1/8, 5/32, 3/16, 7/32 and 1/4 inch. Shipping weight, 6 ounces.

9 P 6686—Set of 7 High Speed Steel Twist Drills. Particularly recommended for use with drill presses and electric drills.... **\$1.75**

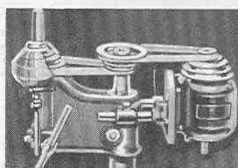
9 P 6685—Set of 7 High Carbon Steel Twist Drills. **75c**



COMPANION Drill Vise

Used to hold work on drill press table—gives greater convenience, accuracy. Oxidized, non-rusting finish. Accurately cut screw with knurled end for fast action and bar for locking. 2 3/4-in. jaws open 3 inches. Over all length, 10 1/2 in. Complete with 2 extra jaws for round or irregular work, and swivel jaw for tapered pieces. Shipping weight, 4 pounds.

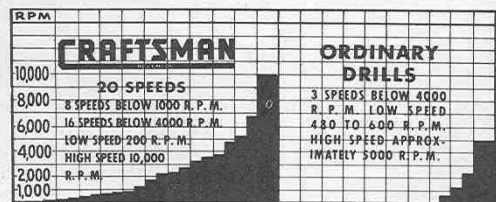
9 P 2436..... **\$2.19**



Multi-Speed Attachment

Particularly useful on drilling metal which requires slow speeds or in routing and carving which require high speeds. (See chart at right.) Attached or removed in 3 minutes. U. S. patent number 2073704. Shipping weight, 5 pounds.

9 P 2397—Complete slow speed spindle drive and 2 Vee belts, ready to use..... **\$5.75**



The Right Speed for Every Job

What a range of speeds! Charted above, they give reason enough why you're sure of better results with the CRAFTSMAN Drill Press — why CRAFTSMAN and COMPANION tools outtell all others! The CRAFTSMAN Drill Press fitted with our patented multi-speed attachment will provide 20 different speeds ranging from 200 R.P.M. (half the speed of ordinary slow speed drills) to over 10,000 R.P.M. Low speeds for metal work, high speeds for carving, shaping, etc. Of these 20 speeds 8 are below 1,000 R.P.M. and will take care of slow speed requirements. There are 10 more speeds between 1,000 R.P.M. and 10,000 R.P.M.



- (A) 9 P 2450 Collet Chuck for tapered spindles **89c**
- (B) 9 P 2400 1/8-inch Router **59c**
- (C) 9 P 2401 1/4-inch Router **59c**
- (D) 9 P 2402 3/8-inch Router **65c**
- (E) 9 P 2403 1/2-inch Router **75c**
- (F) 9 P 2404 3/4-inch Router **85c**
- (G) 9 P 2405 1-inch Router **90c**
- (H) 9 P 2409 1/4-in. Dove-tail Router **59c**
- (J) 9 P 2410 3/8-in. Dove-tail Router **59c**
- (K) 9 P 2411 1/2-in. Dove-tail Router **59c**
- (L) 9 P 2415 1/2-in. Router Carving Bit **85c**
- (M) 9 P 2416 3/4-in. Router Carving Bit **85c**

Shipping weight of each cutter above is 6 ounces.

CRAFTSMAN HEAVY

REG. U. S. PAT. OFF.

WITH SEARS EXCLUSIVE

- Spindle drive pulley is mounted on steel sleeve which rotates on two SKF deep groove ball bearings mounted in head eliminating all transverse belt pull on spindle.
- 5/8-inch special steel spindle mounted in quill on two more SKF precision type SKF deep row heavy duty ball bearings.
- Perfectly balanced automobile type splined drive spindle transmits a smooth even flow of power.

Built for the man who wants the finest quality! Produced with the greatest care to insure fine balance of rotating parts. Sliding parts such as the quill, etc. are precision ground. Drive spindles are splined like the drive-shaft of your automobile. Accurate, easily read depth gauge is graduated for entire 4-inch feed range in 1/16-inch divisions; has knurled stop nuts. Efficient quill lock holds quill securely for routing and carving operations. Carefully machined table tilts to any angle. Nine speeds, from 600 to 5200 R.P.M. Equipment includes high quality 0 to 1/2-inch Jacob's chuck with key. For you who know good power tools and are satisfied with nothing less than the finest, we recommend the CRAFTSMAN Heavy Duty Drill Press.

SPECIFICATIONS: BENCH MODEL

Over-all height: 41 inches.	Chuck: 0-1/2-in. Jacobs.
Over-all width: 11 3/4 inches.	Table travel: 13 inches.
Over-all depth: 24 inches.	Number of SKF heavy duty ball bearings: 4.
Maximum distance from table to chuck jaws: 13 in.	Number of speeds: 9; 600, 760, 1000, 1300, 1800, 2400, 3300, 4000 and 5200 R.P.M.
Maximum distance base to chuck jaws: 19 inches.	Table size: 10x10 in.
Spindle: travel, 4 inches; 6 automobile type splines.	Drills to center of 15-inch circle.
Diameter of column: 2 3/4 in.	

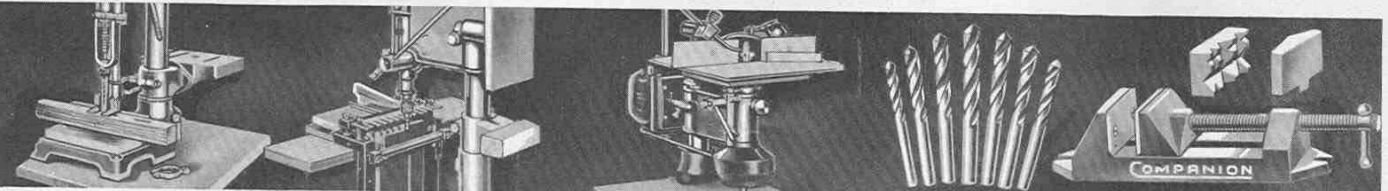
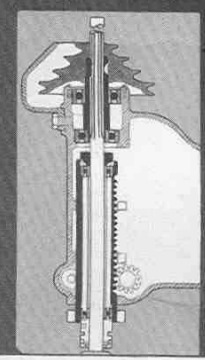
99 PM 2387—CRAFTSMAN Heavy Duty Bench Model Drill Press, with motor pulley, belt and 0 to 1/2-in. Jacob's chuck. Shipping weight, 119 pounds..... **\$36.90**

99 PM 2388—CRAFTSMAN Heavy Duty Bench Model Drill Press, with motor pulley, belt and 1/3-H.P. 110-120 volt, 60-cycle A.C. motor. Shipping weight, 149 lbs.... **\$46.65**

9 P 2394—Speed Reducer to convert above drill into slow speed model. See opposite page for full description. Shipping weight, 5 lbs.. **\$5.75**

Easy Terms! ON ORDERS OF \$20 OR MORE SEE INSIDE FRONT COVER

\$36⁹⁰
Less Motor
\$46⁶⁵
With Motor



Hollow Chisel Mortising

For fine cabinet work and joinery. Cut accurate mortises quickly with perfectly square ends, or drill square holes.

9 P 2461—Mortising chisel housing for drill press. Shipping weight, 3 pounds..... **\$1.50**

9 P 2457—Hold-down guide. Shipping weight, 6 lbs. 6 oz. **\$1.90**

9 P 2420—Hollow chisels for use with 9 P 2461 attachment. Highest quality. Sizes 1/4, 5/8, and 1/2-in. Specify size. Shipping wt., 4 oz. **\$1.45**

9 P 6458—Stone for sharpening above chisels (illustrated on Page 20). Shipping weight, 3 oz. **45c**

9 P 2422—Mortising bit for use with above attachments. Highest quality. Sizes 1/4, 5/8 and 1/2-in. Specify size. Shpg. wt., 4 oz. **\$1.25**

Dovetailing Attachment

By using the attachment shown above you can cut dovetails that make perfect joints because you cut both members simultaneously. No special skill is required. Attachment consists of a comb, slotted to guide shank of router cutting to a predetermined depth. End plates together with screw fittings for attaching the above guide or comb and clamps for holding work, and a 1/2-in. dovetail router are included. Patent number 1651510.

9 P 2462—Dovetail attachment. Set complete with router and instructions. Shipping weight, 4 pounds 1 ounce..... **\$5.45**

Shaping Attachment

You can convert your CRAFTSMAN Heavy Duty Drill Press into a spindle shaper by inverting the head bracket and motor assembly, placing the new and improved extension table over it. This new type shaping attachment can also be used with the drill head in its normal position. For detailed illustration of guard and guide and for cutters of various shapes see Page 28.

9 P 2430—Extension table for spindle shaping. With guard guide and spring clips. Size, 14 1/2 in. x 18 in. Shpg. wt., 17 lbs. **\$7.95**

9 P 2435—Shaping adapter for 1/2-in. bore cutters. Shpg. wt., 7 oz. **95c**

CRAFTSMAN Twist Drills

Finest quality twist drills. Made by America's leading drill manufacturer. Seven sizes in each set: 1/16, 3/32, 1/8, 5/32, 3/16, 1/4 and 5/16 in. In handy wooden box. Shipping weight, 6 oz.

9 P 6686—Set of 7 High Speed Steel Twist Drills. Particularly recommended for use with drill presses and electric drills..... **\$1.75**

9 P 6685—Set of 7 High Carbon Steel Twist Drills **75c**

COMPANION Drill Vise

Increases the range of work your drill will handle. Strongly built. Oxidized, non-rusting finish. Accurately cut screw with knurled end for fast action and bar for locking. Complete with 2 extra jaws for round or irregular work and swivel block jaw for tapered pieces. Particularly valuable when drilling small pieces which are hard to hold. Over-all length, 10 1/2 in. 2 3/4-in. jaws open to 3 in. Taper and swivel jaws are included. Shipping weight, 4 pounds.

9 P 2436..... **\$2.19**

DUTY DRILL PRESSES

"FLOATING DRIVE" FEATURE

- Longitudinal adjustment provided for between spindle and quill. Quality construction.
- Genuine 0 to 1/2-inch Jacobs key chuck.
- Heavy duty quill lock is of type used on most expensive machines; positive in action.
- New "Feather Touch" locking device secures head to column practically without effort.
- Heavy steel tube column, 2 3/4-inch diameter, carefully machined and ground.
- Graduated depth gauge is milled flat and prevents rotational play in quill.
- Table may be tilted to any desired angle.
- Table and base are slotted for securing mortising and shaping attachments, jigs, fixtures, etc.

Several years ago Sears determined to offer the power tool users of America a finer, more accurate, smoother operating drill press than any that was then available. An intensive study of all drill press problems revealed that none of the existing types of construction would overcome one of the most common faults in all drill presses. Spindle whip, as the investigation proved, was responsible for rough operation in drill presses. Spindle whip is caused by forces being transmitted through the pulley assembly to the spindle. To overcome this undesirable characteristic Sears developed a type of construction entirely new to the field and called it "Floating Drive."

In the CRAFTSMAN Heavy Duty Drill Presses presented on these pages, the drive pulley is mounted on a heavy tubular steel spindle which is supported on two sets of heavy duty deep-row ball bearings in the drill head—entirely independent from the spindle. This unit absorbs all side pull from the belt and transmits only a rotational force to the spindle. The spindle itself is also mounted in two sets of heavy duty deep-row ball bearings within the quill as shown in the small illustration on the opposite page. This is a basic improvement that produces in CRAFTSMAN Heavy Duty Drill Presses the finest, smoothest, most accurate operation obtainable.

99 PM 2392—CRAFTSMAN Heavy Duty Floor Type Drill Press, with motor pulley, belt and 0 to 1/2-in. Jacob's chuck. With standard pulley guard such as is shown on number 99 PM 2387 on opposite page. Without motor. Shipping weight, 150 pounds. **\$39.95**

99 PM 2393—Same as 99 PM 2392 above but with 99 P 5607 COMPANION 1/3-H.P. ball bearing 110-120 volt, 60-cycle A.C. motor. Shipping weight, 180 pounds. **\$49.70**

99 PM 2399—Same as 99 PM 2392 but equipped with new streamlined belt and pulley guard. Without motor. Shipping weight, 159 pounds. **\$48.95**

99 PM 2390—Same as 99 PM 2392 but equipped with new streamlined belt and pulley guard and COMPANION 1/3-H.P. ball bearing 110-120 volt, 60-cycle A.C. motor. Shipping weight, 198 pounds. **\$58.70**

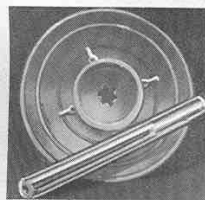
BELT AND PULLEY GUARD. This guard is made from aluminum and is hinged at the side to make belts and pulleys accessible for speed changing. Fits bench or floor model, offers new degree of safety. Shipping weight 9 pounds.

9 P 2398 **\$9.00**

SPECIFICATIONS Floor Type Model

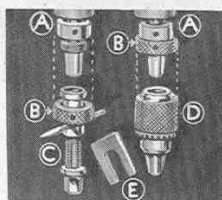
- Over all height: 71 inches.
- Over all width: 18 inches.
- Over all depth: 30 inches.
- Maximum distance from table to chuck jaws: 42 inches.
- Maximum distance from base to chuck jaws: 48 inches.
- Table travel: 41 inches.

Base is slotted so that it can be used as a drill table. All other specifications are identical with number 99 PM 2387 bench type model on opposite page.



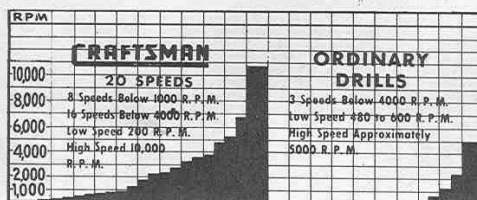
6-Splined Drive Spindles

Automobiles have long been driven by splined drive shafts because they transmit power smoothly, are free from excessive back lash and last longer. For these very same reasons all our drill presses have splined automotive type drive spindles. While more costly than the key and key-way type of drive the splined spindle produces results which more than repay this difference. Spindle and pulley illustrated above. The internal and external splines are both produced by the most accurate methods and of the best materials.



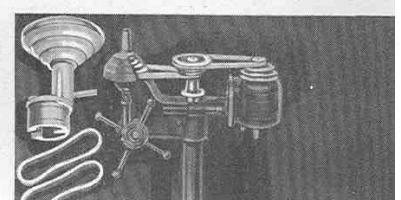
Simplified Tapered Spindles

These accurately made spindles permanently installed in the drill by master machinists equipped with the finest tools will run true and remain accurate. The lower end of the spindle (A) is tapered. Such a taper will accommodate Jacobs' chucks, collet chucks, shaping adapters or other accessories. Wedge (E) may be used to remove chuck (D). The knurled ring (B) is threaded inside and must be used to lock shaper adapter (C) or collet chucks in place. Accessories are installed in a manner approved by experienced precision tool makers.



Proper Drill Speed Available for Every Kind of Work

Ordinary drill presses have from 4 to 7 speeds ranging from slightly over 500 R.P.M. to about 5000 R.P.M. The low speed is too high for 1/2-in. carbon steel drills when cutting metals. The top speed is not fast enough if much shaping or carving is to be performed. Drill presses called "slow speed" have a low speed of about 400 R.P.M.—not much slower than the regular drills. The CRAFTSMAN drill press may be fitted with our patented multi-speed attachment which will provide 20 different speeds ranging from 200 R.P.M. (half the speed of ordinary slow speed drills) to over 10,000 R.P.M. See chart above. Of these 20 speeds 8 are below 1000 R.P.M. and take care of slow speed requirements. There are 10 more speeds between 1000 R.P.M. and 10,000 R.P.M. This wide range of speeds will accommodate all specialty work, carving, shaping, etc. This outstanding development is another evidence of Sears desire to more accurately serve their customers' requirements.



Multi-Speed Drill Press Attachment

The adaptability of CRAFTSMAN drills to a wide range of uses calls for a wide speed range. Slow speeds are essential for drilling in metal, and for hollow chisel mortising and certain other operations. On the other hand high speeds of 8,000 to 10,000 R.P.M. are desirable for routing, carving, shaping, etc. The chart at left shows how the CRAFTSMAN multi-speed attachment (Patent number 2073704) enables you to get the most out of your drill by having a wide range of speeds available. Finest ball bearing construction, designed so belt tensions are easily adjusted. Complete with belts, etc., ready to use. Can be installed in less than 5 minutes. Shipping weight, 5 pounds.

9 P 2394 **\$5.75**