CRAFTSMAN
POWER TOOLS
FOR SHOP and INDUSTRIAL USE
1952

Satisfaction Guaranteed
or Your Money Back

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

SEARS, ROEBUCK AND CO.
CRAFTSMAN “100” 10-in. Tilting-Arbor Bench Saw

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

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

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

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

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

Working area in front of blade now 13 1/4-in. Rip fence usable on either side of blade clear to table edge. Single control lever locks fence at BOTH ends (NOT just in front). 16-in. combination rip and crosscut blade (1/4-in. bore) gives full 3 3/4-in. depth of cut. See specification table on opposite page. Blade, motor gauge, stop rods, rip fence, machine and motor pulleys and V-belt included. Guard assembly not included (see A 3921 on opposite page).

99 AM 2752—Without guard assembly, motor, side extensions, or bench...
Shipping weight 157 pounds ...................................................... $95.50
99 AM 2753—With CRAFTSMAN 3/4-H.P. 3450 R.P.M. ball-bearing electric motor (for 110-120 volt 60-cycle A.C.), Shipping weight 291 pounds .............................................. $134.95
99 AM 2754—With CRAFTSMAN 1-H.P. 3450 R.P.M. ball-bearing electric motor (for 115-230 volt 60-cycle A.C.), Shipping weight 287 pounds .............................................. $148.95
99 AM 2759—Side Table Extension. For above, (2 shown on saw). Use on either side of table. Cast semi-steel, grid type. Widens table 10 in. With bolts and rip fence extension. Size 27x10 in. Shipping weight 20 pounds ..................................................... $10.25
99 AM 2760—Power Tool Bench. (Described on page 99. 18 in. long. Height adjustable. With 2 cross slide rails. Shipping weight 12 pounds ..................................................... $11.95

Copyright by Sears, Roebuck and Co. 8.16.51 R.F. 99621 Zone 3
...the most useful tool in your workshop!

**CRAFTSMAN HARDWARE AND TOOLS**

**DADO**

**SAND**

**SHARPEN**

You'll do faster, easier, more accurate work because of these improved CRAFTSMAN "100" Bench Saw Features!

**SPECIFICATIONS**
- Depth of cut, maximum: .3/4 inches
- Type of blade: Combination
- Blade size: 10-inch diameter; 3/4-inch bore
- Table size: 27 inches long; 20 inches wide
- Table height: 12-1/16 inches
- Table tilt (maximum): 45 degrees
- Length of fence: 32-1/4 inches
- Base size: 14-1/4 inches wide; 16-7/16 inches long
- Dado capacity (using 6-in. dado saw):
  - width: 3/16 inches
  - depth: 3/4 inches
- Bearings: 2 sets sealed, lubricated for life
- Blade speed: 9000 peripheral feet per minute (approx.)
- Arbor speed recommended: 3450 R.P.M.
- Motor recommended:
  - model: 3450 R.P.M.
  - Pulley: Included
- V-belt:
  - included: 43 inches long; 3/4 inch wide
- Over-all dimensions:
  - Height: 18-5/8 inches
  - width: 21-5/8 inches
  - length: 33-1/8 inches

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

**WORK AREA INCREASED!** This great saw now has increased working surface from blade to front of table...now 13-1/4 inches at full depth of cut! This lets you cut 12-inch boards with little or no front overhang; it's much handier, and makes your work more accurate!

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

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

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**Accessories for CRAFTSMAN "100" Tilting-Arbor Bench Saw**

**A** CRAFTSMAN Power-Panl. A convenient, safe way to hook up motor, or motor and tool light, for your power tools! Just mount Power-Panl on bench. Protectors operator from reaching over moving parts to turn motor on or off. Fits Power Tool Bases on page 9. Also has brackets for adapting to other metal or wood benches. UL approved. 1-HP. rated switch. Has one double-prong receptacle for receiving power, and 2 cube taps for plugging in motor and tool light. 9 A 2120—125-250 volts A.C. or D.C. Shpg. wt. 1 lb...$3.95

**B** Dado Insert. For 99AM2752 bench saw on opposite page. 9 A 2212—Shipping weight 8 ounces. Each 90c

**C** "The Circular Saw" Instruction Book. A handy 32-page manual of operation, with over 150 illustrations. Shows you how to get the most out of your bench saw, electric hand saw, sawing saw, builders' saw, and radial saw. Explains clearly how to make 30 different wood joints. An easy-to-follow, invaluable workshop aid. 9 A 2926—Shpg. wt. 1 oz. $1.50

**D** Saw Guard Assembly. For 99AM2752 saw on opposite page. Automatic leveling guard tilts with blade, has transparent plastic insert...protects operator...permits him to see work. Complete with guard, splitter, splitter bracket, and non-kickback pawls. 9 A 2791—Shpg. wt. 6 lbs.$8.95

**E** Table Extension Bracket. For mounting wood side extension on 10-inch saw 99AM2752 on opposite page. Can also be used on 8-inch saw models 111.27580, 113.22400, or 113.22401. Enables you to make your own table extension. Shpg. wt. 8 oz. 9 A 2255—ships at each 90c

Sears Easy Terms make it easy to pay for your CRAFTSMAN Saw as you use it! See inside back cover.
CRAFTSMAN "80" 8-inch Tilting-Arbor Bench Saw

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

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

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

Many other quality features. Because of a special mechanical arrangement the arbor is tilted more rapidly than on ordinary tilting-arbor saws, without any loss of accuracy. Automatic leveling guard tilts with saw blade; has non-kick-back paws and splitter. Entire guard assembly is easily and quickly removed if desired. One end of the miter protractor has been beveled so that it may be used over the full length of the table when the saw blade is tilted to 45 degrees. Fence is made of tempered aluminum; carefully ground for trueness. Depth-of-cut and angle-of-tilt gauges easily read from normal operating position. 2-in. machine pulley, 2½-in. motor pulley and 3½x40-in. V-belt are included.

Specifications: 2½-in. maximum depth of cut; Dado capacity (maximum, with 6-in. head) — width 5/8-in., depth 1 ½-in.; Combination-type blade, 8-in. diameter and 8-in. bore; Double-row precision ball bearings; Recommended arbor speed (approximately) 4500 R.P.M.; Motor recommended (minimum) — 1½-H.P. 3450 R.P.M.; Mounting dimensions (bolt holes) — 11½x15½x14 inches, extremes of saw and motor brackets — 19½x15½x14 inches; Overall dimensions — height 54½ in., width 17 in., length 20 1/2 in.

99 A 2216 — Without guard assembly, motor, table extensions, and bench. Shipping weight 68 pounds.
99 A 2219 — Side Table Extension. (2 shown on saw.) For either side. Grid-type, semi-steel. Each extension widens table 8½ in. With bolts and fence extension. Each 8½x30 in. Shipping weight 12 pounds.
99 A 2220 — Front or Rear Table Extension. (Shown on saw.) Roller type. Won't disturb rip fence use. Bolts included. Shipping weight 7 pounds.
99 A 2221 — Power Tool Bench. The sliding rails make it possible to use this bench with almost any bench type power tool. See page 9 for complete description. Shipping weight 28 pounds.

$650 DOWN...ON EASY TERMS
with this Craftsman Bench Saw and the proper accessories!

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

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

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

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

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

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

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

2. Tilt, raising and lowering of the blade are all controlled by one single hand wheel, located in a handy position at the front of the saw. Just move the wheel in or out to change from one control to the other. This means much more convenient operation in adjusting depth and angle of cut.

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

Here's why tilting-arbor saws assure better work

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

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

Double Utility
New Craftsman Power Tool Combination

Complete Outfit as listed

$179.95

$1800 DOWN

CRAFTSMAN 8-in. Tilting Arbor
Bench Saw and 4½-in. Jointer

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

CRAFTSMAN 8-in. Tilting Arbor Bench Saw. Same saw as opposite page but with mitre gauge, fence, machine pulley, motor pulley, belt with "Floating Drive". ONE wheel controls BOTH angle and depth of cut. 28x17-in. table of cast semi-steel. Precision ground; sides machined. Grooved on both sides of blade for mitre gauge. 9½-in. in front of blade at full depth of cut. Use fence on either side of blade. Double-row sealed ball bearings NEVER need lubrication. 8-in. combination blade (5½-in. bore) gives up to 25½-in. depth of cut; tilts any angle to 45°.


9A 0079—Complete outfit...

$179.95

9A 02749—Jointer-Planer, Shipping weight 22 pounds.......

18.95

Accessories for the Craftsman "80" 8-Inch Bench Saw

Dado Insert

A For use on the Craftsman Model "80" 8-Inch Tilting Arbor Bench Saw when doing dado work. Strongly made of steel.

9 A 2405—Shipping weight 12 ounces...

Only $1.10

Saw Guard Assembly

B For use on the Craftsman Model "80" 8-Inch Tilting Arbor Bench Saw. Complete with guard, splitter, non-kickback pawls.

9 A 2774—Shipping weight 2 pounds...

Only $3.45

Buy NOW...use Sears Easy Payment Plan. See inside back cover for details.
**A** $48.95 Cash
Without motor, bench or table extensions

$500 DOWN...ON EASY TERMS

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**B** $35.50 Cash
Without motor, bench or table extensions

$400 DOWN...ON EASY TERMS

---

**D** $19.95
Without motor, bench or floating rail

---

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

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Table tilts 0 to 45°. Efficient gear mechanism raises and lowers table on two heavy columns.
DUNLAP Tilting-Arbor Bench Saw

A New! A sensational value for an 8-inch tilting-arbor bench saw... one of our finest offerings, ever! New and better means of manufacture make possible this great new price! DUNLAP has put in an extra 15 inches of price range, 85% increase in size and power, 25% more sawing power, for a special motor. Just slip the belt off, pick up the motor, and use it on other power tools with our regular motor rail clips.

The motor is completely designed for this purpose, and has a larger oil chamber than usual—never need further lubrication. The double-row ball bearings form integral unit with arbor shaft and prevent misalignment.

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

17x14-inch table size. Ships by 22 x 32 x 30. No table extensions.

SPECIFICATIONS:

- Depth of cut maximum: 17x14 inches
- Blade: 8-inch combination type with 14x14 bore
- Table size: 17x14 inches
- Table size with extensions (not included): 17x14 inches
- Dado capacity (max.): 14x14 inches with 14x14 bore
- Motor: 14x14 R.P.M., 3/4-H.P.
- Machine pulley (all included): 14x14 inches
- Motor pulley (not included): 14x14 inches
- Machine pulley: 14x14 inches
- 14x14 inches
- Overall dimensions: 14x14 inches
- Shipping weight: 14x14 pounds

DUNLAP Tilting-Table Bench Saw

8-inch tilting-table saw—exceptional quality at Sears low-w price! 16x17 1/2x14-inch table size to 45 1/2 inches, removable for dadoing. Efficient gear mechanism raises and lowers table on two heavy, precision-ground columns—an important feature for superior operation and more accurate cuts. DUNLAP is designed for more than just dadoing. With miter gauges with all resolvers around each, rip fence locks at BOTH ends. Heavy cast semi-table steel table and base. Enclosed dust-proof cutters. With miter gauge, full-oiling machine pulley.

SPECIFICATIONS:

- Depth of cut: 17x14 inches
- Blade: 8-inch combination type with 14x14 bore
- Table size: 17x14 inches
- Table size with extensions (not included): 17x14 inches
- Dado capacity (max.): 14x14 inches with 14x14 bore
- Motor: 14x14 R.P.M., 3/4-H.P.
- Machine pulley (all included): 14x14 inches
- Motor pulley (not included): 14x14 inches
- Machine pulley: 14x14 inches
- 14x14 inches
- Overall dimensions: 14x14 inches
- Shipping weight: 14x14 pounds

DUNLAP 8-inch economy Bench Saw

Lowest price we know of for an 8-inch saw of such good quality! NOT a toy—but a well-made efficient saw with a large 17x15-inch smooth ground cast iron table! Porous bronze bearings, oil well lubricated. Saw carriage moves smoothly, operates silently, and rigidly. One wheel raises, lowers, locks 8-inch plain tooth combination rip and crosscut blade. 85-lb. center of gravity. Insert removable for dadoing. Adjustable guard swings up and out of way to self-aligning rip fences. Blade, guard, and arm are all mounted on steel carriage which glides on 6 ball bearing rollers. (See cut-away illustration at right above.) Large sawdust chute. Two miter gauges. Large left-hand gauge for large work; right-hand sliding gauge for small miter cuts with blade locked in position. Self-aligning rip fence locks at both ends with one lever. Enclosed heavy duty switch is 1-H.P. capacity.

SPECIFICATIONS:

- Depth of cut: 17x15 inches
- Blade: 8-inch combination type with 14x14 bore
- Table size: 17x15 inches
- Table size with extensions (not included): 17x15 inches
- Dado capacity (max.): 14x14 inches with 14x14 bore
- Motor: 14x14 R.P.M., 3/4-H.P.
- Machine pulley (all included): 14x14 inches
- Motor pulley (not included): 14x14 inches
- Machine pulley: 14x14 inches
- 14x14 inches
- Overall dimensions: 14x14 inches
- Shipping weight: 14x14 pounds

CRAFTSMAN "100" Heavy Duty Builders' Saw

"Rolling-Blade"... means easier, faster, more accurate sawing

$1150 DOWN

$1150 CASH

$1050 DOWN

You'll get an entirely new idea of sawing efficiency when you use this great CRAFTSMAN saw with the "Rolling-Blade." Faster, easier, no more accurate... because hubber remains stationary while saw blade is pulled through! Can also be used as a regular circular saw by locking blade in stationary position. Use for cross-cutting, ripping, and mitering—easiest dadoing with dado set. An ideal saw for builders, contractors, factories, farmers, and home craftsmen.

SPECIFICATIONS:

- Depth of cut: 17x15 inches
- Blade: 8-inch combination type with 14x14 bore
- Table size: 17x15 inches
- Table size with extensions (not included): 17x15 inches
- Dado capacity (max.): 14x14 inches with 14x14 bore
- Motor: 14x14 R.P.M., 3/4-H.P.
- Machine pulley (all included): 14x14 inches
- Machine pulley: 14x14 inches
- 14x14 inches
- Overall dimensions: 14x14 inches
- Shipping weight: 14x14 pounds

Extra CRAFTSMAN and DUNLAP 10-in. saw blades for this Builder's Saw will be found on page 11. Dado Sets on page 10.

Short of cash? Then use Sears Easy Payment Terms to pay for your power tools and accessories as you use them. See inside back cover for details.

Extra CRAFTSMAN and DUNLAP 10-in. saw blades for this Builder's Saw will be found on page 11. Dado Sets on page 10.

Short of cash? Then use Sears Easy Payment Terms to pay for your power tools and accessories as you use them. See inside back cover for details.
$57.00 CASH
Without Case
ONLY $6.00 DOWN

CRAFTSMAN 6½-inch Electric Hand Saw

Contractor type! Finest saw of its capacity on the market, in our opinion!

Super-powered! Precision-built for continuous heavy-duty use. We believe it’s America’s finest 6½-in. electric hand saw! Thousands used by carpenters and contractors for heavy, day-after-day use. Don’t confuse this industrial type saw with sleeve-bearing home or hobby shop saws at this price. We’ve convinced it’s the finest saw value on the market... bar none!

Sealed precision ball bearings throughout. Direct-drive gear train permits compact design; perfect balance. SAFER! Blade on right side; away from operator. Depth of cut and tilt adjustments. Extra large base plate; front graduated in 1/4 in. Blade always in line with same saw guide edge. Built-in ripping guide, graduated 1/2 in. Strong die-cast aluminum alloy housing. Weighs only 12 1/2 pounds! Knob on left for two-hand use. Precision helical-cut bronze gears; telescoping saw guard; overhead storage; enclosed trigger switch. Approved by Underwriters Laboratories, Inc. (Industrial standards). Heavy duty, ventilated, universal G.E. motor (for 110-120 volt, 25 to 60-cycle, A.C. or D.C.); rated 3/4 H.P.; develops 1 1/2 H.P. With 6 1/4-in. combination blade for cross-cutting and ripping; 10-ft. rubber-covered 3-wire cord with unbreakable plug; lubricant.

Specifications: Diameter of blade, 6 1/4 in. Arbor hole, 3/4-in. round. Depth of cut, 0 to 2 5/8 in. at 90°, 1 1/2 in. at 45°. Angular adjustment, 90° to 45°. No-load speed, 4300 R.P.M. Over-all length, 12 in. Steel carrying case has base for use as bench rest; compartment for extra blades, wrenches, etc.

99 A 02553—CRAFTSMAN 6½-in. Saw only, without case. Shpg. wt. 16 lbs. ... $57.00
99 A 02554—CRAFTSMAN 6½-in. Saw, with steel case. Shpg. wt. 27 lbs. ... $62.00
9 A 6472—Cut-off Wheel for above saw, 6-in. diameter; 1/2-in. round arbor hole. For cutting cement, tile, stone, metal, etc. Shpg. wt. 8 oz. ... Each $1.19

NOTE: For extra combination and nail-cutting blades for this saw, see below. For carbide-tipped blade, see opposite page.

New SAW GUIDE Converts Electric Hand Saw Into Bench or Radial Saw

Now! The saw guide you’ve been waiting for! We tested it, compared it; we believe it is superior to guides costing three times as much! Designed especially for use with your CRAFTSMAN 6½-inch Electric Hand Saw (top of page). Set it in guide channel... you have a radial saw! Clamp it to ripping plate... you have a stationary bench saw!

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

Mounts easily on wood bench, or on portable table top for use on bench, saw horses, or CRAFTSMAN bench 99A2134 (page 9). With saw in ripping position use CRAFTSMAN miter gauge 9A2246 (page 11) for crosscuts, miters and dadoes (latter by several cuts of standard blade). Use Power-Point, 9A2120 (page 1) for remote control switch, added safety. 5/16-in. welded steel. Mounting hardware included. All parts zinc plated. Complete mounting, operating instructions.

99 A 01710—Shpg. wt. 30 lbs. ... $15.95

CRAFTSMAN Nail-Cutting Blades

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

Catalog Saw Arbor Arbor Arbor
Number Name Number Shape

Fits Saws

9A4928 5 in. 7/8 in. round 9A49285577 on opposite 1 lb. $4.95
9A4929 5 in. 3/4 in. round 9A49295533 saw, above 1 lb. 4.95
9A4930 5 in. 3/4 in. square 9A49305572 on opposite 8 oz. 3.75
9A4931 5 in. 3/4 in. square Black & Decker Arbor 8 oz. 3.75

CRAFTSMAN Combination Saws

With special-shaped arbor holes. For crosscutting and ripping. We believe there are no finer saws of this type made! Of chrome-nickel alloy steel... famous for its toughness... gives longer-lasting edges. Sci?ently heat-treated; hardened. Tensioned by master sawmakers to run true and cut straight. Experienced set and filed. Steel catalog number, saw diameter, arbor diameter, and arbor shape.

Catalog Saw Arbor Arbor Arbor
Number Name Number Diameter Shape

Fits Saws

9A4940 8 in. 3/4 in. round 9A49405577 on opposite page and bench saw 1 lb. $2.49
9A4941 8 in. 3/4 in. round 9A49415533 saw, above 1 lb. 2.49
9A4942 8 in. 3/4 in. square 9A49425572 on opposite 8 oz. 2.19
9A4943 8 in. 3/4 in. square Black & Decker Arbor 8 oz. 2.19
9A4935 7/8 in. 5/8 in. round 9A49352216 standard model 1 oz. 2.29

1/2 or 3/4-in. round hole
1/2-in. square
3/4-in. round
1/2-in. round hole

6... SEARS, ROEBUCK AND CO. Dec. 9
You get more "saw" for much less money... with a CRAFTSMAN

This is an actual laboratory comparison of CRAFTSMAN 8-inch electric hand saw (99-A02560), with 2 other famous saws of the same type. The comparisons below give you positive proof of CRAFTSMAN superiority in construction, features, performance, and amazingly lower price! No wonder thousands of Sears customers have bought it in preference to any other saw! We believe it's the finest electric hand saw on the market!

<table>
<thead>
<tr>
<th>Price</th>
<th>Efficiency</th>
<th>Horsepower</th>
<th>No Load</th>
<th>Full Load</th>
<th>Cut at Maximum H.P.</th>
<th>Speed</th>
<th>Type of Gear Drive</th>
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<tbody>
<tr>
<td>$150</td>
<td>65%</td>
<td>67%</td>
<td>1.26</td>
<td>1.43</td>
<td>1.3</td>
<td>5300</td>
<td>Direct Drive</td>
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<tr>
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<td>65%</td>
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<td>Direct Drive</td>
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<td>1.14</td>
<td>1.1</td>
<td>4500</td>
<td>Direct Drive</td>
</tr>
</tbody>
</table>

New-type steel case also acts as bench rest.

NEW! CRAFTSMAN Carbide-tipped 8-tooth Saw

Now develops 2.16 H.P. - More power than any other 8-inch saw we've seen!

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

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

SKIL precision-ground, double sealed. Hedral cut bronze gears, lubricated by one Zerk fitting. Telescoping saw guard; sawdust blower. Enclosed trigger switch. Left-side knob for two-handed operation. UL approved (industrial standards). Weighs only 19 lbs. With 8-inch combination blade, 10-ft. 3-wire cord, plug, hardware, wrench. Steel case has compartment for extra blades, wrenches, etc.


99 A 02560 - CRAFTSMAN 8" Electric Hand Saw with steel carrying case. Shipping weight 18 lbs. Only $10.00 down; $2.00 monthly. 
Cash: $97.00
99 A 02557 - CRAFTSMAN 8" Electric Hand Saw only, without case. Shipping weight 12 lbs. Only $9.50 down or Sears Easy Terms; $2.00 monthly. 
Cash: $91.00

Note: For extra combination blades, nail cutting blades, carbide-tipped blades, cut-off wheel, and other accessories, see below.

Accessories for Electric Hand Saws

Replacement 8-inch, Combination Blade - For cutting, trimming, crosscutting, and ripping. Has 3/4" arbor holes. Designed for rough work (both rip and crosscut); cuts nails or wire in lumber. Specify 8-inch, 14-inch, or 18-inch. 9 A 4928 - Shpg. wt. 1 lb. $2.19

Nail Cutting Blade - For 99 A 02535, 8-inch, contractor saws with 3/4" arbor holes. Does rough work (both rip and crosscut); cuts nails or wire in lumber. (See description on opposite page.) Specify 8-inch, 14-inch, or 18-inch. 9 A 6425 - Shpg. wt. 1 lb. $4.95

Cut-off Wheel - For concrete, tile, metal, etc., 8-inch diameter. Round center hole. Specify 3/4-, 1-3/4-, or 2-inch cutting depth. 9 A 6425 - Shpg. wt. 1 lb. $1.59

Extrude Lubricant - 4-ounce tube. 9 A 2563 - Shpg. wt. 6 oz. .75c

Heavy duty 25-ft. Extension Cord - 10-gauge; 2-wire. Rubber plug and receptacle. Underwriters Laboratories approved. Use up to 100 ft. (4 cords) only; from current source. Shpg. wt. 4 lbs. 11 oz. 34 A 5944 - 25 ft. $7.50

DUNLAP 6-1/2"-inch Electric Hand Saw

Designed for home, farm, or hobby shop. 10 times faster than hand sawing! Cuts siding, framing, perfect miter joints, etc. With cut-off wheel, cuts concrete, tile or metal. Direct gear train for perfect balance, efficient design. Easy to handle... weighs only 11 pounds. SAFER! Blade on right side, away from operator.


Specifications: Blade diam., 6-1/2" in. Arbor hole, 1/2" (28). Depth of cut, 0 to 2 3/4" in. at 90°, 1 1/2" at 45°. No-load speed, 3250 R.P.M. Overall length, 11 3/4". Steel case also serves as bench rest.

99 A 02572 - DUNLAP 6-1/2" Saw (without case). Shipping weight 17 lbs. $136.95
99 A 02573 - DUNLAP 6-1/2" Saw with steel case. Shipping weight 18 lbs. $142.95
9 A 6471 - Cut-off Wheel for above saw. 6-in. Diameter, 1/4" square arbor hole. Shpg. wt. 3 oz. Each $1.95

NOTE: See listings at left for carbide-tipped blade, opposite page for combination, nail-cutting blades.
New Craftsman Radial Saw

America's most versatile woodworking machine for fast, easy cutting and shaping of lumber!

We believe there is NO other radial saw of this quality in this price range! Does all the jobs shown above; also crosscuts, rips, miters, compound miters, rabbets, tenons, drop-locks, and other jobs with proper cutters! For production millwork, lumber yards, shipping rooms, contractors, etc.

Saw pulls through work; swings, tilts, locks in any position; quick-setting stops for 0, 45, and 90°. Controls easily accessible from front. Automatic front pivoted guard encloses blade edge for safety. Sealed, lubricated-for-life, precision ball bearings. Capacity of cut, 2¾ in. crosscut capacity, 13¾ x 2¾ in., stock; rip to center of 48 in.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Depth of cut, maximum</th>
<th>2¾ in.</th>
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</thead>
<tbody>
<tr>
<td>Crosscut capacity</td>
<td>13¾ x 2¾ in., stock</td>
</tr>
<tr>
<td>Ripping width, maximum</td>
<td>24¾ x 2¾ in.</td>
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<tr>
<td>Arbor tilt, maximum</td>
<td>90° right or left</td>
</tr>
<tr>
<td>Angle of cut range</td>
<td>0 to 90° right or left</td>
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<tr>
<td>Max. width and depth of 45° compound miter cut, motor turned and tilted to 45°</td>
<td>18¾ x 13½ in.</td>
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<tr>
<td>Dado capacity with 8-inch diameter x 1-inch bore dado saw, depth</td>
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<tr>
<td>Table size</td>
<td>28 x 36 inches</td>
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<tr>
<td>Base size</td>
<td>28 x 36 inches</td>
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<tr>
<td>Table height, without legs</td>
<td>7½ in.</td>
</tr>
<tr>
<td>With legs</td>
<td>36 inches</td>
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</tbody>
</table>

Cuts Rafter, Droplock, Plough

Sheet of plywood, Anti-kickback pawls. With 10-in. carbide tipped 8-tooth combination blade (1-in. bore); 1-H.P. 3450 R.P.M. single-phase, capacitor motor (115-230-volt O.C.C.E.) with built-in switch; 15x42 in. work table with removable fence; 28½ x 36½ -in. stamped steel base. (Steel legs and lower shelf not included.) Shipped from factory in Cincinnati, Ohio, from where you pay taxes on delivery.

99 AM 2361F—Shipped, Wt. 750 lbs. . $299.50
99 AM 2159F—Set of 4 steel legs and lower shelf for above radial saw. See shipping note above. Shipping weight 50 lbs. . $23.00

Craftsmen Swing Saw

The blade of this CRAFTSMAN rugged heavy-duty Swing Saw actually is pulled through lumber! This method of operation is speedier and easier than pushing lumber into the blade.

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

Fast, free operation with NO waste motion! Just pull saw through lumber. Weight of swinging arm returns blade to retract position. For millwork plants, shipping rooms, etc. Swivels 0 to 90° right or left; gives vertical cut by degree.

For heavy-duty work. Cast-iron base and elevating arm: 24½-in. steel column. Adjustable depth of cut: 6 in. maximum with 10-in. blade; 4-in. with 12-in. blade; 1-in. dado capacity. Pin locks swing arm in vertical position for ripping or dado work. Another pin locks at 0, 45 or 90° for miter cuts. Sealed, lubricated-for-life, ball-bearing saw arbor.

Extra safety! Adjustable blade guard; belt guard. Portable! Can be part of swing disassembled quickly for transporting. Equipped with 10-in. combination blade, 6-in. bore (12-in. blade also can be used with 1-H.P. motor); 3-in. diameter, 3½-in. bore, and motor pulleys; 4½ x 8½-in. V-belt. Overall height 41½ in.; depth 26½ in.; width 24½ in.

99 AM 2545—Without motor, Wt. 200 lbs. $107.50
99 AM 2347—With ½ HP, 3450 RPM, 115-230-volt, 60-cycle, AC motor, Wt. 244 lbs. $147.45
99 AM 2258—With 1 HP, 3450 RPM, 115-230-volt, 60-cycle AC motor, Wt. 350 lbs. $161.65

New Craftsman Heavy Duty 8-Inch Dado Set

Make your radial and swing saws much more useful. Made from special analysis saw stock, accurately controlled through all phases of production. For dadoing, grooving, rabbeting, etc. Fits any saw similar to 99 AM 2361F and 99 AM 2545 above. Set consists of: 2 outside saws, each of which will cut ½ in. grooves; four ¾-in. inside cutters and one ½-in. inside cutter. Maximum groove of set is 1¼ in. Outside blades heat-treated, precision ground, filed and set. Inside cutters heat-treated and accurately swaged.

99 AM 2480—Specify whether you desire ½ or 1-inch arbor. Shipped, Wt. 7 lbs. 8 oz. . $22.95

Equip your entire shop. Use Sears Easy Pay Plan.
### Tool Bench Mounting Recommendations

<table>
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<tr>
<th>Power Tool</th>
<th>Catalog Number</th>
<th>Page</th>
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<tr>
<td>Band Saw</td>
<td>99 AM 2428</td>
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<td>Belt Sander</td>
<td>99 A 02236</td>
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<td>Bench Screw</td>
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<td>Drill Press</td>
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<td>Hack Saw</td>
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<td>Jointer-Planer</td>
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<tr>
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<td>99 AM 2392</td>
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### Bench Accessories

- **Cross Side-Rails**: Fit benches at right. See table below for tools needing extra cross slide rails. 9 A 2416—Shipping weight 3 pounds... Each 25c...
- **Mounting Plates**: Mounting plates for various sizes. See table below...
- **Bench Set**: Fit benches at right. 2-in., diam., wheel, ball bearing swivel. Set of 4, with foot rails. Threaded 3/8-in. dia., 3/8-in. length. With nuts...
- **Caster Set**: Fit benches at right. 2-in., diam., wheel, ball bearing swivel. Set of 4, with foot rails. Threaded 3/8-in. dia., 3/8-in. length. With nuts...

### CRAFTSMAN Tool Benches

- **Bench Mounts** for almost any bench-type power tool or motor! Adjustable from 22 to 32-in. height. 161/4-in. wide, legs. Adjust separately for uneven floors. Punched to hold your own solid top and shelves; to attach casters (not included); or to bolt to floor. Two frames of rigid, one-piece welded steel. Rust-resistant gray enamel. Easily assembled. With bolts; instructions. Mailable...

### CRAFTSMAN Power Tool Bench. 18 inches long by 161/4 inches wide. Maximum mounting dimensions 13x14 inches. With 2 cross slide rails. Extra slide rails available for mounting motor on bench (see 9A2016 above). Also see table at left for power tools in this catalog for which this bench is recommended...

### CRAFTSMAN Power Tool Bench. 30 inches long by 161/4 inches wide. Maximum mounting dimensions 13x20 inches. With 4 cross slide rails for mounting power tool and motor on same bench. See table at left for various power tools in this catalog for which this bench is recommended...

### NEW Steel WORK BENCH with bonded wood top

- **New Steel**: This new steel work bench with bonded wood top is now available...

### CRAFTSMAN Powr-Paint.

- **Safe, convenient way to hook up your power tools motor and tool light! Doesn't interfere with moving parts to turn motor on or off. Fits benches above. Has brackets for adapting to wood or metal benches. Approved by Underwriters Laboratories. High voltage, 125-250 volts, single phase, 15-20 amp. Has double-pole receptacle for receiving power, two cube clips for plugging in motor and light. Shipping weight 1 pound...**

---

*One of the greatest improvements in work benches in years! The pressed bonded wood top is tremendously tougher—harder than maple. Rigid construction—no power tools, for work-working, for general home or farm repair work. Heavy steel legs are adjustable for uneven floors. Back rail is punched to hold tools. Has a large steel drawer for small tools, drawings, etc. Top working surface 60 inches long, 24 inches wide, 1½ inches thick. Height of working surface 34 inches. Drawer 20 inches long, 13½ inches wide, 5 inches deep outside. Gray baked exterior finish. Easily assembled. Weight 40 pounds. Shipping weight 105 pounds. 99 AM 2122... $27.95*
New! Craftsman Carbide Tipped 8-tooth Saw

Superior blade design... lasts 20 times longer than ordinary blades

The sensational new tooth design makes it the safest saw blade we have ever seen!

New, revolutionary design—long-needed safety is achieved by special construction of only 8 teeth, each projecting only 0.025 in. above non-cutting edge. Special steel saw blade is heat treated. Teeth ground with diamond wheels to exacting tolerances to give faster, smoother, more efficient cutting... less vibration, less noise. Uses less power than ordinary blades, generates less heat. No need to sharpen at frequent intervals. Width of tooth (cut) is 1/16 in. on all diameter saw blades, except 10-in. diam. which has 1/16-in. tooth width. 10-in. also has step-down bushings of 1 to 1/4-in. and 1 to 3/8-in.

Moulding Cutter Head

CRAFTSMAN, 4-in. diam. Fits most bench saws 10-in. or smaller. Sharpens daily, never needs sharpening. Four sets, 4 slots in head hold bits. With wrench...

Groover Saws

CRAFTSMAN, Cuts with or without steel, having 1/4-in. or 1/2-in. arbor steel. Set includes two 1/4-in. inside chippers.

5½-in. Dado Sets

DUNLAP, Good quality. Many sets have 1/4-in. or 1/2-in. thick steel. Set includes; two 1/4-in. inside chippers. Don't confuse it with similar items.

CRAFTSMAN 6-in. Dado Sets

Our finest professional quality. For dadoing, grooving, cabling, etc. Precision ground, perfectly matched chippers. Made of tempered steel, having 1/4-in. or 1/2-in. thick steel. Set includes; two 1/4-in. inside chippers. Shipping weight 3 pounds 8 ounces.

Polishing Bonnet

Lamb's wool Polishing Bonnet. Makes a fast, easy job of polishing large car bodies and other surfaces to a high, glossy finish. Fits over #8 handle.

Sanding Wheel

8-inch diameter, 1/4-in. or 1/2-in. thick. Disc comes with insert and will fit any 8-inch larger through 12-inch saw, having 1/4-in. or 1/2-in. arbor. Has one medium and one coarse abrasive disc for wood, attached...

Cut-off Wheels

Rubber bonded aluminum oxide, 8-inch diameter, 1/4-in. thick. For 14-1/2-in. or 16-in. shafts, State ship weight 4 pounds.

Bayflex Abrasive Wheels

It's a cotton belt, aluminum oxide impregnated in polyurethane, with 20-in.-wide face. Use instead of hack saw, file, sharpening wheel or circular saw, 1/4-in. hole.Bonus, furnished for smaller shafts.

10... SEARS, ROEBUCK AND CO. Item 38
CRAFTSMAN Circular Saws stay sharp longer

Greatly improved...now made of Chrome-Nickel-Molybdenum steel

This steel is far superior to high-carbon steel used in most other Circular Saws...this means you get more work per hour, more hours of life per blade—yet, they're priced LESS than most ordinary carbon steel saws.

CRAFTSMAN Crosscut and Rip Saws. Professional quality. The superior steel makes this crosscut and rip saws the finest we’ve ever seen! Made to stand up under day-after-day production work in factories and shops. The uniform tension makes the blade run true and cut straight. Deep gullets clear out the sawdust. Accurately set and filed. State catalog number, center hole size, and diameter of saw wanted when ordering.

CRAFTSMAN Gum and Pitch Remover

Quickly dissolves all pitch and gum from circular saws, band saws, planer and jointer knives, shaper cutters, turning tools and other woodworking tools. Aids easy cutting. Prevents rust. Easy to apply. Shipping weight 10 oz. 9 A 4918—5 oz. bottle...$0.95

CRAFTSMAN Miter Gauge

Scaled from 30 to 90°. 3/4 x 2 x 12 inch bar fits in miter groove in table top. Has adjustable stop rods for repetitive cuts. Stop rods included.

9 A 2275—Miter Gauge Stop Rods. For repetitive cuts. Clamp, Wt. 12 oz.$1.00

CRAFTSMAN Circular Saw Vise

2-piece slotted hardwood construction, with wing nut adjustment holds 6 to 12-inch blades. Fits in any regular vise, or can be attached to work bench. Natural finish. Size 3/4 x 2 x 1/2 inches. Shipping weight 1 lb. 8 oz.

9 A 4927—Miter Vise.$0.95

New! "How to Sharpen" Book

CRAFTSMAN Over 200 illustrations! It’s easy to sharpen tools when you know how. Shows how to sharpen and care for knives, saws, drills, garden tools, chisels, axes, screwdrivers, etc. 32 pages.

9 A 4929—"How to Sharpen" Book.$0.95

CRAFTSMAN Nail-Cutting Blade

Greatly improved tooth design. Cuts lumber containing nails, wire, etc. Makes a good all-around saw for rough work—both ripping and crosscutting. Special high-carbon saw steel, heat treated and tensioned.

9 A 4928—8-inch diameter. Round arbor hole. For use on CRAFTSMAN Electric Hand Saw 99A062357 (page 7), and bench saws. Specify 8 in. diameter, and 3/4 or 1 1/2 inch arbor hole. Shipping weight 1 pound...$4.95

It's easy to make your own saw table!

You can see from the above view how the mandrels listed at right will appear when mounted under your table or work bench. Mandrels designed for easy, accurate mounting.

CRAFTSMAN Bronze-bearing Mandrels

Right hand threads only. 2-inch double V-pulley for flat belt, single or multiple V-belt drive. Steel shaft, stamped steel flanges. Set collar takes up end play. Oil plugs. 14 1/4 inches long over-all.

9 A 4946—Please state size, Size 00. 5/8-inch shaft; turned to 1/2 inch at ends. Threaded 3/4 x 8. Length 8 1/2 inches. Shipped with 100 ft. of wire. $0.75

CRAFTSMAN Ball-bearing Mandrels

Right hand threads only. Streamlined cast iron housing. Improved, compact design. Oversize precision ball bearings have the greatest seal inside for protection against dirt.

9 A 4948—Size 00. 1/2-inch shaft turned down to 3/4 inch at ends. Threaded 5/8 x 8. Length 9 1/4 inches. Shipped with 100 ft. of wire. $1.25

9 A 4949—Size 0. 5/8-inch straight shaft; ends threaded 5/8 x 11. Length 11 1/2 inches. Shipped with 100 ft. of wire...$1.95

Heavy Duty Saw Mandrels

Precision built. High speed ball bearing mounted. Machined steel collars. Cold rolled steel shaft. Set collar, With bolts. Size 90 has single V-pulley for 100 ft. of wire. $1.95

Please be sure to state size wanted when you order.
ACTUAL TESTS PROVE
the exceptional strength, accuracy and
durability of this sensational band saw

READ THESE ACTUAL TEST RESULTS:
Blade is super-strong! Cut over two miles of 2-inch yellow pine with no sign of blade failure.
Machine is assembled with precision and perfectly
for more than 500 hours while cutting over 25 miles of
1-inch yellow pine.
To withstand rugged tests like these, they MUST be
good! Your shop deserves one of these great CRAFTSMAN
3-wheel band saws NOW! Order today.

CRAFTSMAN 3-wheel Band Saw

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

Vastly improved over other models! Its exclusive features and out-
standing performance make it the finest 3-wheel band saw we’ve ever
offered! Handsome, sleek, streamlined design . . . smooth operating half
bearing construction. Much more compact than conventional 2-wheel
saws of this capacity, yet it has same strength, accuracy and durabil-
ity usually found only in larger saws. Ideal for model makers, wood-
working and pattern shops, and shops.

Fully enclosed for extra safety. All operating parts, except actual cut-
ing edge of blade, are completely covered. If blade should ever
break, it can’t fly out! Heavy, rigid, cast iron frame. Double-row ball
bearings mounted integrally with drive shaft, assuring perfect align-
ment and smooth running operation. Double-row needle bearings on
idler wheels. Rubber tires, ground true . . . wheels machined to close
limits to assure concentricity.

Cuts to center of 24-in. circle. Makes curved or irregular cuts in wood
up to 4 in. thick. It’s the only saw we know of with such a low center
of gravity, and a full 12-in. throat. 12 x 13-in. table, mounted on double
transmissions, with 4 points of support instead of 2, for greater rigid-
it; tilt 0 to 45°. Proper blade tension positively determined by direct,
built-in reading scale . . . holds firmly; prevents any tension change
during operation. One 840-in. blade included. (For extra blades, see
9 A 2661 listed and described below.)

CRAFTSMAN Band Saw Blades

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

9 A 2660—For wood, 56¼ in. long; ¾ or ¾ in. wide. Shop wt. ea. blade 8 oz. . . . 98¢
9 A 2665—For wood, 74⅔ in. long; ¾ or ¾ in. wide. Shop wt. ea. blade 7 oz. . . . 98¢
9 A 2664—For wood, Skip tooth type; ¼ in. long; ¾, ¾, or ¾ in. wide. Shop wt. ea. blade 7 oz. . . 98¢
9 A 2665—For wood, 68¼ in. long; ¾, ¾, or ¾ in. wide. Shop wt. ea. blade 7 oz. . . . 98¢
9 A 2667—For wood, 78¼ in. long; ¾, ¾, or ¾ in. wide. Shop wt. ea. blade 7 oz. . . . 98¢
9 A 2668—For wood; 80¼ in. long; ¾, ¾, or ¾ in. wide. Shop wt. ea. blade 7 oz. . . . 98¢
9 A 2669—For wood; 80¼ in. long; ¾, ¾, or ¾ in. wide. Shop wt. ea. blade 7 oz. . . . 98¢
9 A 2670—For steel, 80¼ in. long; ¾, ¾, or ¾ in. wide. Shop wt. ea. blade 7 oz. . . . 98¢
9 A 2713—For wood; 92¼ in. long; ¾, ¾, or ¾ in. wide. Shop wt. ea. blade 7 oz. . . . 98¢

CRAFTSMAN Special Length Band Saw Blades

9 A 2669—Not for use on 3-wheel band saw. All blades braces unless otherwise specified.
Add 35¢ to cost of each blade for braking. Shipped from factory in Chicago. Please state
correct length and width wanted, and be sure to specify if you don’t want blades braced.

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SPECIFICATIONS
- Depth of throat: 12 inches
- Capacity of cut (maximum): 4 inches
- Table size: 12 x 12 inches
- Length of blade: 62 inches
- Width of blade: ¾ to ¾ (maximum) inches
- Bearings: 2 sets lubricated-for-lifetime precision ball
- Motor pulley (included): 4-inch
- Motor pulley (not included): 3-inch
- Motor recommended (minimum): ¾ H.P.; 1350 R.P.M.
- Motor pulley (not included): 3-inch
- Mounting dimensions: 8½ x 9½ inches
- Overall dimensions: Height 20½ in.; width 5 in.; depth 21 in.

Notice how the compact CRAFTS-
MAN 3-wheel design gives this saw
a full 12-inch throat—with
out the great height necessary in
conventional 2-wheel band saws
with the same size throat. This
means a lower center of gravity
in a smaller frame, with more
rigid construction. Has the same
strength, accuracy and durabil-
ity usually found only in larger
band saws selling for much more.

As low as 98¢

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

MANY SIZES! Lengths range from 56¼ inches to 122 inches; widths from ¾ inch to ¾ inch.

SPECIAL LENGTHS available for cutting wood . . . made to
order in sizes from ¾ to 1½ inches wide.
CRAFTSMAN 2-wheel Ball Bearing Band Saws

New! CRAFTSMAN "100" 12-in. Band Saw
Heavy duty... Cuts wood 6 in. thick

Cuts to center of 24-in. circle; up to 6-in. depth. First time in years a 12-in. 2-wheel band saw at this low price! Popular 2-wheel construction; has 4 sets of precision ball bearings. Large 14½x12½-in. smooth-ground cast iron table tilts 6 to 45°; has miter slot for use with 9 A 2546 miter gauge (not included; see page 11). Two 12½-in. diameter cast iron (rubber-tired) wheels have 18-in. diameter. All operating parts, except actual cutting edge of blade, covered by heavy-gauge steel casing for maximum protection to operator.

CRAFTSMAN "100" 18-in. Band Saw
Industrial type... Extra capacity

Cuts to center of 36-inch circle in lumber up to 12½ inches thick. It's the finest 18-inch band saw we've ever sold! Just the right band saw for your pattern shop, hobby shop or plant.

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

Extra-large table, 20½x17½ in., of smooth-ground cast iron... tilts down and locks at any angle from 0 to 45 degrees. Miter gauge included. Saw guides above and below table guide blade straight and accurately...have ball-bearing thrust wheels...give you accurate, true cutting. Blade speed 3000 feet per minute. One 12½-in. blade included. (For extra blades, see 9A2730 on opposite page.) This band saw is not carried in stock or on display in many of our stores; however, shipment from factory can be made immediately.

SPECIFICATIONS:

CRAFTSMAN "100" 12-in. Band Saw

- Depth of throat............................................. 12 inches
- Capacity of cut (maximum)......................... 6 inches
- Table size.................................................. 12½x12½ inches
- Length of blade (one 14½-inch width included) 14 to 16 inch
- Width of blade............................................. 2½ inches
- Blade speed.................................................. 2165 feet per minute
- Bearings.................................................... 4 sets lubricated-for-life precision ball
- Machine pulley (included)............................. 5-inch
- Motor pulley (not included)............................ 5-inch
- Motor recommended (minimum)...................... 1½ H.P., 1750 R.P.M.
- Mounting dimensions.................................. 4½x13½ inches
- Over-all dimensions.................................. Height 35 inches; width 14½x12½ inches; depth 25½ inches
- Overall dimensions................................. 18 inches
- Size of each wheel........................................ 12½ inches
- Machine pulley (included)............................. 3-inch Single groove V
- Motor pulley (not included)............................ 3-inch Single groove V
- Motor recommended, minimum...................... 1¼ H.P., 1750 R.P.M.
- Over-all dimensions................................. Height 35 inches; width 22½ inches; depth 31 inches
- Overall dimensions................................. 18 inches
- Bearing..................................................... 1½ inch
- Size of each wheel........................................ 18 inches
- Machine pulley (included)............................. 3-inch Single groove V
- Motor pulley (not included)............................ 3-inch Single groove V
- Motor recommended, minimum...................... 1¼ H.P., 1750 R.P.M.
- Over-all dimensions................................. Height 35 inches; width 22½ inches; depth 31 inches
- Overall dimensions................................. 18 inches

SPECIFICATIONS:

CRAFTSMAN "100" 18-in. Band Saw

- Depth of throat............................................. 18 inches
- Capacity of cut (maximum)......................... 12½ inches
- Table size.................................................. 20½x17½ inches
- Length of blade (one 14½-inch width included) 14 to 16 inch
- Width of blade............................................. 2½ inches
- Blade speed.................................................. 2165 feet per minute
- Bearings.................................................... 4 sets lubricated-for-life precision ball
- Machine pulley (included)............................. 5-inch
- Motor pulley (not included)............................ 5-inch
- Motor recommended (minimum)...................... 1½ H.P., 1750 R.P.M.
- Mounting dimensions.................................. 4½x13½ inches
- Over-all dimensions.................................. Height 35 inches; width 22½ inches; depth 31 inches
- Overall dimensions................................. 18 inches
- Size of each wheel........................................ 18 inches
- Machine pulley (included)............................. 3-inch Single groove V
- Motor pulley (not included)............................ 3-inch Single groove V
- Motor recommended, minimum...................... 1¼ H.P., 1750 R.P.M.
- Over-all dimensions................................. Height 35 inches; width 22½ inches; depth 31 inches
- Overall dimensions................................. 18 inches

$74.50 CASH
$75.00 DOWN... ON EASY TERMS
$270.00 CASH
$270.00 DOWN... ON EASY TERMS

9 A 2730—Instruction Book. See description at right. Shpg. wt. 2 oz. $25.00
9 A 2719—Instruction Book. 32 pages; over 150 helpful illustrations. A handy manual of operation to enable you to get the most out of your band saw. Shipping weight 2 ounces. $25.00
Built-in work lamp clearly lights up the work area. Easier to follow a line.

$83.50 CASH
Without motor
$85.00 DOWN ON EASY TERMS

CRAFTSMAN “100” Jig Saw
Never needs oiling or greasing!
24-in. capacity ... cuts to center of 48-inch circle

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

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

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

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

SPECIFICATIONS:
• Depth of throat ... 24 inches
• Depth of cut, maximum, in wood... 2 inches
• Motor: 1/2 H.P., 115 VAC
• Stroke... 5/16 inches
• Weight... 55 lbs.

New Manual
Jig Saw and Bond Saw Manual Complete! 32 pages, Over 150 Illustrations! New uses and accessories shown. Easy-to-follow directions. Paper bound. Shipping wt. 2 oz. 9 A 2919

New! Improved! CRAFTSMAN Magnetic Jig Saw
Now! 33% more power! Cuts twice as fast as our previous model... yet so quiet you can hardly hear it run. 1-in. capacity.

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

SPECIFICATIONS:
• Depth of throat... 11 inches
• Depth of cut, maximum, in wood... 1 inch
• Over-all dimensions: Height 10½ inches, width 8¼ inches; length 16½ inches
• All metal construction; non-slip rubber feet. Comes complete with six 5-inch pin-end blades, 5½ ft. of connecting cord and operating instructions. Use on 110-120 volt 60-cycle A.C. only.

99 AM 2344 — 24-inch Jig Saw with DUNlap 5-5/8 H.P. 1750 R.P.M. split-phase motor, bearings 110-120 volt, 60-cycle A.C. motor, 2-in. and 3-in. motor pulleys, V-belt. Shipping wt. 144 lbs. $147.50

99 A 2393 — 24-inch Jig Saw with DUNlap 5-5/8 H.P. 1750 R.P.M. split-phase motor, bearings 110-120 volt, 60-cycle A.C. motor, 2-in. and 3-in. motor pulleys, V-belt. Shipping wt. 149 lbs. $199.50

99 A 02750 — Shipping weight 14 lbs. $14.75
9 A 2690 — Extra Blades for above jig saw. 5 inches long. Shipping wt. 1 oz. $6 for 25c

14 ... SEARS, ROEBUCK AND CO., Sears 9
CRAFTSMAN

"80" Jig Saw

Runs smoothly, quietly!

- 18-in. capacity. Cuts to center of a 26-in. circle
- Cuts wood, metal and plastic up to 2 inches thick

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

Modified Scotch-Yoke action assures smooth, quiet operation. Runs in both oil. Porous bronze main bearings. 12x12-inch cast semi-steel table tilts from 0 to 45 degrees on double pivots; gives large working surface. Table is strongly made of cast semi-steel. Upper arm is removable for filing and saber sawing. Blade chucks rotate 90° for ripping pieces longer than 16 inches. There's no twisting of blade because shoe in chuck gives a firm grip between the blade and the clamping member. Has upper and lower blade guides. Adjustable backshoe prevents work from lifting off table.

Fully enclosed coil type return spring. Built-in sawdust blower clears sawdust from working area. Uses 5 or 6-inch plain end blades (one blade included). See page 9 for description of the power tool bench shows.

SPECIFICATIONS:
- Depth of throat: 18 inches
- Depth of cut (maximum): 2 inches
- Table size: 12x12 inches
- Machine pulley (included): 4-inch
- Motor pulley (not included): 2-inch
- Motor recommended (minimum) 1/4-H.P., 1750 R.P.M.
- Speed (approximate): 800 R.P.M.
- Sawdust blower: Built into head
- Mounting dimensions: 5x4x2x3/4 inches
- Overall dimensions: Height 173/4 inches; length 25 inches; width 12 inches.

99 AM 2315—18-inch jig saw without motor, motor pulley, V-belt, and power tool bench. Shipping weight 68 pounds. $34.95
99 AM 2449—18-inch jig saw with DUNLAP 1/4-H.P., 1750 R.P.M. split-phase bower bearing 110-120 volt 60-cycle A.C. motor, 1/4-inch motor pulley, 14x45-inch V-belt. Without power tool bench. Shpg. wt. 92 lbs. $50.95

Jig, Fret and Coping Saw Blades

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

| Catalog Number | Recommended use | Length, inches | Teeth per in. | Thick., inch | Width, inch | Blades in Pkg. | Per Pkg.
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<td>(A) 9A2712</td>
<td>(PIN TYPE BLADES)</td>
<td>2 1/4</td>
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<td>.040</td>
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<td>.25</td>
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<tr>
<td>(B) 9A2688</td>
<td>Fits hand magnetic jig saw</td>
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<td>18</td>
<td>.010</td>
<td>.040</td>
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<td>.25</td>
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<tr>
<td>(C) 9A2698</td>
<td>Fits magnetic jig saw</td>
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<td>(D) 9A2699</td>
<td>Medium, for wood</td>
<td>2 1/4</td>
<td>16</td>
<td>.020</td>
<td>.110</td>
<td>4</td>
<td>.35</td>
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<td>(E) 9A2700</td>
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<td>2 1/4</td>
<td>16</td>
<td>.020</td>
<td>.110</td>
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<td>(F) 9A2701</td>
<td>11/16 for...</td>
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<td>4</td>
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<td>(G) 9A2702</td>
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<td>16</td>
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<td>.110</td>
<td>4</td>
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<td>2 1/4</td>
<td>16</td>
<td>.020</td>
<td>.110</td>
<td>4</td>
<td>.35</td>
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<td>(I) 9A2867</td>
<td>(SABER BLADES)</td>
<td>2 1/4</td>
<td>16</td>
<td>.020</td>
<td>.110</td>
<td>4</td>
<td>.35</td>
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<tr>
<td>(J) 9A2869</td>
<td>For metal cutting, Similar to hack saw</td>
<td>2 1/4</td>
<td>20</td>
<td>.028</td>
<td>.250</td>
<td>3</td>
<td>.25</td>
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<tr>
<td>(K) 9A2868</td>
<td>For wood and soft metals</td>
<td>2 1/4</td>
<td>10</td>
<td>.028</td>
<td>.1875</td>
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<td>.25</td>
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<tr>
<td>(L) 9A2866</td>
<td>For coarse cut wood</td>
<td>2 1/4</td>
<td>9</td>
<td>.028</td>
<td>.1875</td>
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$18.25
Without motor and bench

DUNLAP Jig Saw

- Cuts to center of a 24-inch circle
- Handles up to 1-inch thick
- One of the smoothest operating small jigs we know of. Ideal for use in the hobby shop or home workshop for cutting wood, metal, plastics, etc.


Table tilts any angle from 0 to 45°; rigidly supported at two points: has tilt indicator. One-piece cast semi-steel frame; rust-resisting gray finish. Uses 5-inch pin-type blade (one blade included). See page 9 for power tool bench.

SPECIFICATIONS:
- Depth of throat: 12 inches
- Depth of cut (maximum): 1 inch
- Table size: 9x9 inches
- Motor pulley: 4-inch
- Motor pulley (not included): 2-inch
- Motor recommended (minimum) 1/4-H.P., 1750 R.P.M.
- Speed (approximate): 800 R.P.M.
- Mounting dimensions: 16x4x13 inches
- Dimensions: Height 14 3/4 inches; length 17 3/4 inches; width 9 inches

9002715—Without motor, motor pulley, V-belt, and bench. Shpg. wt. 118 lbs. $28.25
90 AT 2114—With 1/4-H.P., 1750 R.P.M. split-phase bower bearing 110-120 volt, 60-cycle A.C. motor, 1-inch motor pulley, 14x45-inch V-belt. Without power tool bench. Shpg. wt. 118 lbs. $34.25
90 AT 2144—With 1/4-H.P., 1750 R.P.M. split-phase bower bearing 110-120 volt, 60-cycle A.C. motor, 2-inch motor pulley, 14x45-inch V-belt. Without power tool bench. Shpg. wt. 118 lbs. $34.25

$34.95
Cash
Without motor and bench
$35.00
Down on Easy Terms
CRAFTSMAN 4⅜-inch Jointer-Planer

With sealed ball bearings, lubricated for life...Precision-ground tables

An ideal jointer-planer for small woodworking shops, school shops and home workshops. A really outstanding tool for capacity, precision, speed, accuracy and smoothness of operation. Weighs much more than any other jointer-planer we know of in this price range.

Rugged construction throughout. Solid steel cutter head has three 4⅜-inch high-speed steel knives. Massive cast semi-steel base extends almost the entire length of the tool to give exceptionally rigid support to table for more accurate operation. Three-point-of-contact mounting eliminates twist.

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

Depth of cut easily adjustable with hand wheel. Accurate gauge shows depth of cut. Controls are all clearly visible from normal operating position; can be reset without reaching under table. Quick-action, quick-acting protractor scale shows angle of tilt.

99 AM 2234—Without motor, motor pulley, V-belt or power tool bench. Shpg. wt. 61 lbs. $195.95
9 A 2291—4⅜-inch Jointer Knives (Replacement). Each. $3.45
99 A 02134—Power Tool Bench. See page 9 for description. Shipping weight 28 lbs. $13.50

CRAFTSMAN Thickness Planers

Up to 12-inch; hand feed. Exclusive open-side makes it possible to plane stock up to 12-inch, wide by reversing work; planes stock up to 6-inch, wide in one pass. Handles stock up to 2-inch, thick; and as small as ⅛-inch thick and 4-inch long. Rigid cutter rotates on thousands of inch. Sealed ball bearings, lubricated for life.

SPECIFICATIONS:
- Capacity of cut, maximum 5⅜-inch
- Table size...6½x17⅞ inches
- Cutter head...2⅜-inch diameter
- Knives...three; 6½x⅜-inch, ⅞-inch, 1-inch
- Bearings...two sets sealed precision ball
- Motor pulley (not included)...⅞-inch
- Motor pulley...1⅛-inch
- Motor recommended (minimum) ⅞-H.P. 1750 R.P.M.
- Mounting dimensions...8x10 inches
- Shower for all dimensions...height 11¾ inches, width 11¾ inches; length 19¾ inches.

99 AM 2370—Without motor and bench. Shpg. wt. 85 lbs. $629.95
9 A 2299—Set of 3 extra knives for above planer. Shpg. wt. 10 oz. $4.35
99 A 02140—Power Tool Bench. See page 9 for description. Use with 2 extra rails below. Wt. 24 lbs. $11.95
9 A 20166—Extra Rails for above. Use 2 extra rails below. Wt. 3 lbs. Each. $7.25

99 AM 23847—Shipped from factory in Cincinnati from where you pay shipping charges when delivered. Without motor. Shipping weight 280 lbs. $230.00

Here are some of the things you can do with a Jointer-Planer:
1. The jointer-planer does the same type of planing and surfacing work as is done with a hand plane, but does the job much faster and much more accurately.
2. It is an exceptionally fine tool for making accurate glue joints. It gives the boards a straight, clean surface.
3. It also makes accurate rabbing cuts for doors, window frames, table drawers, cabinets, etc.
4. Ideal for making square tapered cuts on chair legs and other furniture.
5. Can also be used for accurate bevelling.
CRAFTSMAN 6-inch Jointer-Planer

Heavy duty... over 42 inches long... Sealed ball bearings, lubricated for life

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

Extra heavy duty. Will rabble a 3/4-inch cut with one pass! 6-inch solid steel cutter head has 3 high-speed steel knives. Massive cast semi-steel base is extra-long, to give exceptionally rigid support to tables. Three-point-of-contact mounting eliminates twist; assures more accurate operation. Extra-long tables of precision-ground cast semi-steel. Three-point suspension mounting of rear table makes possible perfect alignment with front table. Front table mounted on double set of adjustable ways. Ways are spring loaded to correct for wear. Depth of cut easily adjustable with hand wheel. Gauge shows depth of cut. Controls all visible from normal operating position; can be reached without reaching under table. Spring-loaded guard gives complete protection; can be quickly removed in one motion for rabbing cuts. Cutterhead bearings are mounted in adjustable brackets to permit highly accurate alignment of cutterhead with rear table. Cutterhead assembly easily removed as a unit for precision grinding of blades.

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

Extra heavy duty! Super-quality in every detail of construction. A real production tool, designed to meet the plaining needs of lumber mills, factories, and every type of woodworking shop. Its range of speeds, 20 and 40 linear feet per minute, (or 40 and 80 linear feet per minute by changing sprocket) assures the user a machine that can handle the heaviest type of roughing work or the finest cabinet finish and pattern shop planing with ease. Extra-large capacity. Planes lumber up to 20 inches wide and 6 inches thick. Maximum depth of a single cut is 3/8 inch depending on type of wood. Scale indicates depth of cut; handwheel adjusts depth. Superior construction. Heavy welded base, alloy steel head, high-speed steel knives and hardened gears. Bed is of semi-steel; close-grained castings are supported by large anti-friction thrust bearings. Safety-type cutterhead mounted on heavy-duty ball bearings. Solid steel feed rolls 3/4 inches in diameter.

SPECIFICATIONS:
- Capacity of cut, maximum: 3/8 inch
- Width of cut, maximum: 20 inches
- Table size: 34 x 20 inches
- Knives: four; size 20 x 1/4 inch
- Bearings for cutter-head: 2 sets of precision ball
- Power feed rate: 20 and 40 linear feet per minute, or 40 and 80 linear feet per minute
- Machine pulley (included): 3.4 inches
- Motor pulley (incl.): 2-step, 3.4 and 6.4 inches
- Motor recommended (variable): 3 to 10 H.P.; 1750 R.P.M.
- Dimensions: height 84 inches; width 41 inches; depth 36 inches

99 AM 2390—Without motor, motor pulley, V-belt or power tool bench. Shpg. wt. 155 lbs $103.95
99 AM 2391 — With 3/4-H.P. 3450 R.P.M. ball bearing motor for 110-120 volt 60-cycle AC, 21/2-inch motor pulley, 3/4 x 5-inch V-belt. (Bench not included). Shipping weight 194 pounds... $137.95
9 A 2983—3/4-inch Jointer Knives (Replacement). High speed steel, especially ground. Set of three for above Jointer-Planer or 99 AM 2370 Thickness Planer on opposite page. Shpg. wt. set of three 10 oz... $4.35
9 A 2013—Steel Mounting Plates. Necessary for mounting above Jointer-Planer or 99 AM 2370 Power tool bench (see page 91). Set of 2. Shpg. wt. 4 lbs... $9.95
9 A 2916—Jointer, Shaper and Thickness Planer Handbook. Contains 37 pages, 175 Illustrations. Covers set-ups and special operations, adjustments, sharpening, etc. Shpg. wt. 2 oz... $2.50

$975.00 CASH $97.50 DOWN
Craftsman high-speed Wood Shaper

Either side of fence easily adjustable without disturbing the other

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

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

Extra-large, 21 x 15-inch ground cost semi-steel table. Spring hold-downs hold work securely against table and fence while cutting. Table has miter gauge slot. Solid-type spindle construction — instead of interchangeable style — assures accurate concentricity. Reversible; rotates in either direction. Larger spindle diameter between bearings; same principle of design used in expensive grinders and boring machines; helps prevent whip and vibration.

Built-in guard completely encloses belt and motor pulley; adjustable for different belt lengths. Flat motor pulley (supplied) helps prevent belt misalignment when raising or lowering spindle. Comes with 3 spindle collars; machine pulley; motor pulley; and 4 x 33-inch V-belt. Shaper cutters described and sold separately. Only $5.50 down on Sears Easy Terms.

Specifications:
- Cutter height capacity...2¼ inches
- Cutter bore...1½ inches
- Bearings...2 sealed lubricated-for-life radial ball
- Table size...21 x 15 inches
- Table height (stationary)...8¾ inches above base
- Miter gauge slot...1¼ inch wide, ½ inch deep
- Length of fence (adjustable)...18¾ inches to 21 inches
- Spindle diameter...1½ inch ends; ½ inch center
- Spindle thread...1½ inch x 16 Acme
- Spindle travel...¾ inch
- Collar recommended...9,000 R.P.M.
- Machine pulley (included)...2-inch
- Motor pulley (incl)...45-inch flat
- V-belt...2-inch
- Motor recommended (minimum)...1½-H.P., 3,450 R.P.M.
- Mounting dimensions...3 holes (2 rear are 11 ½ inches; front is 9 ½ inches)
- Overall dimensions...Height 11½ inches; width 21 inches; depth (without motor guard) 15 inches.

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

High speed cutters of finest quality special alloy steel; ground to exact dimensions; for use on wood shapers: can also be used on drill press with 9 A 244 adapter (see page 31). Cutters have 1½-inch bore. Easily sharpened by grinding the flat surface ahead of the cutting edge, using fine grit wheel (preferably one-type).

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

Specialized shaper cutters, 1½-inch radius. Shipping weight each 4 oz.
- 9 A 2319—Small Picture Frame Caster, 1½-inch high...
- 9 A 2323—Large Picture Frame Caster, 1-inch high...
- 9 A 2309—Shoe Molding Caster, 1-inch high...
- 9 A 2369—Cabinet Door or Drawer Caster, 1-inch high...
- 9 A 2376—45-degree Screen Molding Caster, 1-inch high...
- Set of 5 Shaper Cutters. Mount be-neath shaper cutters (above and at left) to control depth of cut on curved work. Fits 1½-inch spindle.
- 9 A 2367—Shaper, 6 oz...
- 9 A 2368—Sash and Door Caster Kit, Fits shaper 9 A 2351...

Pay for your power tools and accessories as you use them! See inside back cover for details on Sears Easy Terms.
**Take the hard work out of sanding!**

**CRAFTSMAN 6-in. Sander**

Heavy duty! Extra large capacity! One of the most versatile and useful CRAFTSMAN power tools. We believe it's the ONLY sander in this price range on which the sanding belt can be operated at any angle from vertical position to horizontal position. 17 1/2-inch long belt table is 6 1/2 inches wide. provides over 100 square inches of sanding surface...more than double that usually found in sanders in this price range! You can sand both flat and curved surfaces...end grain and small work with the 9-inch disc; curved and irregular work with the end drums, and all types of flat work with sanding belt. Sanding disc, table, miter gauge and fence are all included...they are NOT extras as on many other sanders of this type.

Large, adjustable work table can be tilted to any angle from 0 to 45 degrees! We know of NO other sander with this feature in this price range! Work table is easily, quickly transferable from end to side for use with sanding disc. Miter gauge (furished) fits slot in table.

Exclusive quick-change belt release. Change from belt of one grit to another in seconds! Lever releases belt tension. Position of sanding belt table easily adjusted. 3-inch diameter drums; one rubber-covered. Tension adjustment on idler pulley brackets is controlled by hand knobs instead of awkward double lock-out set-up. Both drive pulley and idler pulley can be adjusted (with lower pulley slightly lower than belt table surface to prevent gouging of long work. Rugged, long-life construction. Large self-lubricating bronze bearings insure smooth long and smooth operation. Oil well around each. Tables and frame made of durable cast semi-steel, with gray enamel finish. Comes complete with adjustable work table; miter gauge; 9-inch abrasive disc; adjustable stop guard; 6x48½-inch sanding belt; and 3½-inch machine pulley. For extra sanding discs and sanding belts, see 9 A 2536 and 9 A 2167 listed below.

**SPECIFICATIONS:**
- Width of belt: 6 inches
- Circumference of belt: 48 ½ inches
- Table size—sanding belt table: 61/2x17 inches
- Diameter of disc sander: 9 inches
- Bearings: Four self-lubricating bronze
- Drum diameter: 3 inches
- Machine pulley (included): 3 inch
- Motor pulley (not included): 2 ½ inch
- Motor recommended, minimum: 11/2 H.P. 1750 R.P.M.
- Mounting dimensions: 7x15 1/4 x 3 3/4 inches
- Over-all dimensions: Height 171/4 in.; width 29 1/2 in.; depth 28 3/4 in.

**Price:** $47.50 CASH

Without motor, motor pulley, belt or bench...

$500 DOWN ON TERMS

**DUNLAP 4-inch Sander**

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

**SPECIFICATIONS:**
- Width of belt: 4 inches
- Circumference of belt: 6 inches
- Table size—sanding belt table: 45 x 12 inches
- Bearings: Porous bronze
- Drum diameter: 2 ½ inches
- Machine pulley (included): 2 inch
- Motor pulley (not included): 2 inch
- Motor recommended, minimum: 11/2 H.P. 1750 R.P.M.
- Mounting dimensions: 5½ x 5½ x 5½ inches
- Over-all dimensions: Height 9 inches; width 9 inch; length 16½ inches.

**Price:** $18.25

**Belt Sander Accessories**

- Disc Cement. Holds sanding discs to metal or wood sanding plates. Non-drying to permit quick change of discs.
- 9 A 2219: 4½ oz. stick, Shipping weight ½ ounce.
- 9 A 2220: 18 oz. stick, Shipping weight 1 lb. 2 oz.
- Cement. Fastens abrasive discs to metal plates. Sets quickly and holds firm. Shipping weight 1 pound 2 ounces.
- 9 A 2335: 1/2 pint bottle.
- Abrasive Sanding Discs. 9-inch diameter. Aluminum oxide on paper. For wood or metal. Slate fine, medium or coarse grit.
- 9 A 2326: Shipping weight per package 8 oz.
  - Package of 6 fine grit for.
  - Package of 6 medium grit for.
  - Package of 3 coarse grit for.
- Sanding Belts. Endless construction. Aluminum oxide on cloth. For sanding wood or metal. Fine, medium or coarse grade. Slate grit wanted.
- 9 A 2215: 3½x36-inch. Shipping weight 4 oz.
- 9 A 2167: 6x48½-inch. Shipping weight 8 oz.
Craftsmen Belt Sander
Direct spiral gear drive, 3-drum design

We believe the 3-drum design is one of the most important developments in portable sanders in the last 25 years. Really a beautiful tool...streamlined...compact...and a marvel of smooth efficient operation. Notice that it is not a small tool, but a full-size 3-inch sander. You'll agree it takes the hard work out of one of the most tiresome jobs in woodworking. Really an important addition to your tool shop.

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

Greater sanding surface. The 264 x 3-inch sanding belt is wider and is used on conventional 2-drum sanders of the same size. This means longer life with fewer belt changes; operating expenses are cut and time is saved.

Approved by Underwriters' Laboratories. Frame and housing are made of light, strong die-cast aluminum. Clean, functional design permits you to get close to walls and into corners. Quick-change belt release on outside of housing. All three drums have dust-protected, self-lubricating bronze bearings. Built-in fan cools the motor. Safety trigger switch must be held in "on" position; this prevents sander from running off table accidentally. Powerful G.E. universal ball-bearing motor (110-120 volt, 25 to 60-cycle AC-DC) develops 4 H.P. maximum; has heat and abrasion resistant Formex insulation that helps prevent burn out. 10-foot 3-wire cord; plug; with 3 silicon carbide belts, lubricant, 8 inches high.

SPECIFICATIONS.
- Belt size: Width 3 inches Length 264 inches.
- Bearings: Motor Precision ball Drums: Self-lubricating.
- Free speed of belt: 1,200 feet per minute.
- Gears: Spiral cut steel.
- Dimensions: Height 8 inches; length 11 1/2 inches; width 5 inches.
9 A 02556 - Sander without case. Shipping weight 16 pounds. $59.95
9 A 02230 - Sander with steel case. Shipping weight 22 pounds. $64.95

Replacement Belts ... Lubricant

A Belts for Portable Sander. 3 x 264 inches. Made of long-life Silicon carbide abrasive on strong cloth. Grit: 00 (extra fine), 0 (fine), 1 (medium), 2 (coarse), or 4 (extra coarse). Grit 4, open coat, best for removing paint, varnish, etc.
9 A 2231 - Please state grit wanted. Shown. wt. 4 ounces...Each $0.32

B Lubricant, 2-ounce tube of Lubriplate No. 80. Recommended for belt sander above. Handy tube fits compactly in tool or sander case. Be sure to keep sander well lubricated.
9 A 2568 - Shipping weight 4 ounces. $0.42

DUNLAP 6 Tools in One
Drills, Sands, Grinds, Buffs, Polishes, Mixes!

We've made many careful comparisons and sincerely believe this great new Dunlap set is unmatched anywhere in this price range. It drills, sands, grinds, buffs, polishes, mixes...truly the greatest tool value of its type we've ever seen. Just try it. You'll agree...it's really outstanding in its field.

Hundreds of uses. Men will find it an amazing work saver in polishing the car...and in doing those many "finishing" jobs in the workshop. Women, too, will find it ideal for those many tiresome cleaning tasks in the home...polishing furniture, woodwork, silverware, etc. You can use it on wood, metal, plastic, cement, stone, wallboard, etc., and on flat or curved surfaces. Also an excellent tool for quickly and thoroughly mixing paint.

Guaranteed 1 year. If this tool shows any defect in materials or workmanship, we will repair it without charge if returned within one year after purchase.


99 A 02567 - Sander-Buffer-Polisher with 6-inch sheepskin bonnet, 5/8-inch rubber sanding disc, six 6-inch abrasive discs, 3 flanges, 2 hex nuts. 1/4-inch chuck, 4x1/2-inch cloth buffer, 10-piece (5/6 to 1-inch) high speed drill set (not carbon bits usually found in most electric drill sets); paint mixer, horizontal stand, 4x1/2-inch grinding wheel, 4x1/2-inch wave wheel and steel case. Overall height, with case 9 inches. Shipping weight 15 pounds. $134.75
9 A 2569 - Sander, buffer, polisher with sheepskin bonnet, rubber sanding disc, 2 abrasive discs, 2 flanges, 2 hex nuts only. Without case. Wt. 12 lbs...$122.75

Extension Cord
By using proper size extension cord you assure full voltage and top running efficiency from portable electric tools and motors. 25 feet of heavy No. 10 gauge wire; rubber covered. Type "SJ." With heavy duty unbreakable rubber plug and connector. Approved by Underwriters' Laboratories, Inc., for your protection from faulty construction.
34 A 3684 - Wt. 4 lbs, 11 oz...$7.50
CRAFTSMAN Disc Sander-Polisher-Buffer

Our finest quality! Precision ball bearing construction for heavy duty use

No wonder it has become so tremendously popular! One of the most useful power tools we've EVER sold! Has literally hundreds of applications. You can use it for sanding, polishing and buffing on woodworking jobs, floors, walls, furniture, metals, etc. And with the accessories listed below you can ALSO drill and grind; remove rust, scale, paint, etc.; and easily polish floors. Can be used on wood, metal, plastic, concrete, stone, wallboard, etc., on either flat or curved surfaces.

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

A marvelous work saver. No rubbing! No pressing! No more aching arms and back! Just plug it in, snap the switch, and i-p-p... this machine does the job. Swiftly puts a beautiful polish on your car... and easily does many sanding and buffing jobs in your shop.

Women! Watch it sail through those many tiresome polishing tasks in the home. It weighs only 6 pounds... and is practically as easy to use as an electric iron.

Super quality construction throughout. Approved by Underwriters' Lab. A marvel of smooth, quiet operation because of the precision ball bearings and helical gears. Light, strong die-cast aluminum alloy frame. Dual-purpose knob for 2-hand control may be mounted on either side. Has a convenient non-locking trigger switch in the handle. Motor mounted directly over disc to provide maximum power and perfect balance. Heavy duty General Electric universal motor develops 14.4-H.P. maximum; has Formex insulation for longer motor life.

Accessories included: 10-ft. 3-wire rubber covered cord with plug, 6-inch flexible rubber sanding disc, 7-inch lamb's wool buffing bonnet, 6 assorted sanding discs, socket wrench for attaching discs.

SPECIFICATIONS:
- Disc size, diameter: 6 inches
- Over-all height, with disc: 7 inches
- Bearings: Precision ball
- Gear: Helical
- Speed: 1,600 R.P.M.
- Normal load speed: About 1,000 R.P.M.
- Switch: Trigger type; non-locking
- Motor: 110-120 volt 25-60 cycle A.C. or D.C.
- Length of cord: 10 feet

Handy Accessories for the CRAFTSMAN Disc Sander-Polisher-Buffer

- Lubricant, Lubriplate No. 30, for above. 9 A 2568—3 oz. Tube... 42c
- Sanding Discs. (Not shown). Diameter 6 in. Silicon carbide abrasive. [Stale grit wanted.] 9 A 2562—Grain 60; 00 (extra fine); 000 (fine); 1 (medium); 2 1/2 (course). Package of 6 any one grit. Shipping weight 7 ounces. 35c
- 9 A 2564—Shipping weight 8 ounces. 55c
- Chucks. For holding drills, carbon removing brushes. Roto-Verte, etc. Use with adapter 9 A 2564 listed in column at left. 9 A 2248—CRAFTSMAN 3-ply Chuck. Screw-on type. 6 1/4-inch. Fita 1/4-inch. 20-thread spindle. Shipping wt. 3 oz. 79c
- 9 A 2175—Jacobs Hand Chuck. Jacobs No. 4154. 0 to 1 1/4-in. Fits 3 1/4-in. 20-thread spindle. Footpad. (Shop wt. 8 oz.) 11.30
- Floor Brush. For scrubbing, waxing, etc. 1-inch long Tampico fibers are securely set in 5-inch diameter hardwood block. Has 1/4-inch hole. Use with adapter 9 A 2564 listed in column at left. 9 A 6487—Shipping weight 11 ounces. 11.25
- Wire Cup Brush. For removing scale, paint, rust, weld splatter, etc. Crimped steel wire bristles 1 1/2-inch long. Brushing surface has 1 1/4-in. face. 2 1/2-in. outside diam.; 1/4-inch hole. Use with adapter 9 A 2564 at left. 9 A 6485—Shipping weight 8 oz. 79c
- Horizontal Metal Stand. Makes above sander-polisher a bench tool. Heavy steel. Trigger lock. 9 A 2552—Shipping weight 1 pound. 79c
- 4-piece Floor Polishing Outfit. Changes the above sander-polisher into a long handled tool. Eliminates tiring kneeling when polishing floor. Set includes a 4-ft. tubular metal handle with rubber hand grips and trigger extension; 6-in. plywood back Tampico brush; 3/4-inch stiff buffing pad; adapter. 99 A 02531—Shipping weight 3 pounds. 99.25
Wood Turning Lathes and useful Accessories

8-in. swing...24 in. between centers...36%4-in. bed. You’d expect to pay much more for a lathe of this quality and capacity! Sturdy, solid construction makes it a “must” for the well-equipped small shop. Especially recommended for the home workshop.

Heavy cast semi-steel construction. Entire bed made in one piece; ribbed and reinforced. Three-point mounting. Tailstock easily, quickly adjusted. Two self-lubricating porous bronze bearings with 1%4-in. thrust bearing in headstock. Oil well surrounds each.

%4-in. straight unthreaded spindle in headstock and tailstock. End cover removable on outboard end for turning large diameter work. Height of tool rest easily adjusted. One wrench fits tool rest slide, tool rest height adjustment and tailstock lock. Rust-resisting gray enamel finish. With tool rest, spur and cup center, wrench, and 3-step cone type machine pulley.

99 A 2160—Dunlap lathe as above, without motor, motor pulley, or V-belt. Shpg. wt. 50 lbs. $525.95
99 AM 2195—With 1 1/2 HP, split phase 110-120 volt 60-cycle A.C. 1750 R.P.M. bronze bearing motor pulley, 1 1/2-in. V-Belt. Shpg. wt. 72 lbs. $143.50

9 A 2920—“The Wood Lathe” Instruction Book. Illustrated manual shows you how to get the most out of your lathe. 31 pages, 230 illustrations. Describe 150 lathe operating. Shpg. wt. 2 oz. $28c

CRAFTSMAN 3-piece Wood-Turning Chuck Set. Professional quality. Bright polished 4-in. vanadium steel blades. 6-in. smooth hardwood handle. Heavy ferrules. A 2925—In box. Shpg. wt. 13 oz. Set $3.95


CRAFTSMAN 3-piece Wood-Turning Chisel Set. Professional quality. Bright polished 4-in. vanadium steel blades; tempered ground; Smoothly finished 4-in. hardwood handles; heavy ferrules. A 2925—Includes: 1/4-in. gouge; 3/4-in. round nose chisel; 3/4-in. parting tool; 1/8-in. skew chisel. In sturdy wood box covered with attractive artificial leather. Shpg. wt. 8 lbs. 10 oz. Set $15.40

Wood Arbor with Check. 1/4-in. capacity, 15-in. and 17-in. butt chucks, 15-in. and 17-in. 20-thread arbor with steel flanges. Fits 99A2160 or any lathe with 3/4-in. or 11/4-in. unthreaded straight spindle. Fastens with 2 sets of screws. Suitable for 3/4-in. or 11/4-in. Spindle. Shpg. wt. 1 lb. 8 oz. $1.25

Face Plates. 3-in. diameter with 3/4-in. straight shank. Fastens with 2 sets of screws. Replaceable center point. Shpg. weight 6 ounces. C 2916—With 12 in. 98c

Lathe Centers. For 99A2160 or any lathe with 1/4-in. or 3/4-in. straight shank. Fastens with 2 sets of screws. Replaceable center point. Shpg. weight 6 ounces. A 2935—Heads and 12 in. 98c

Face Plate. 2 1/2-in. capacity, 4-in. diameter, with 1/4-in. or 3/8-in. internal threaded spindle. Shpg. wt. 1 lb. 1 3/8 oz. $1.98

Long Tool Rest. For 99A2160 above, or our earlier model 2188. 20 in. long. Cast semi-steel, machined and finished. Adjustable for height. With one bed bracket. A 2936—Shpg. wt. 10 lbs. $5.15

Face Plate. Cast iron. For 99A2177, or any lathe with 3/4-in. or 1 1/2-in. 16-thread spindle. With 2 sets of screws. Fastens with 1 1/2-in. 3/8-in. head. Shpg. wt. 1 lb. 11 oz. 1 1/2 lb. 1 oz. $1.85

Face Plate. 3-in. diameter. With spare, removable center and screw. For 99A2160 above, or any lathe with 3/4-in. or 1 1/2-in. 16-thread spindle. Shpg. wt. 1 lb. 1 oz. $1.98

Sanding Plates. Cast iron construction. Fitted with sandpaper. A 2949—8-in. For 99A2160 or any lathe with 1/4-in. or 3/4-in. 16-threaded spindle. Shpg. wt. 1 lb. 1 oz. $3.95

Work Arbor. 1/4-in. x 20-thread, 2 steel flanges; heat treated on both ends for clamping wheels. No. 1 Morse taper. A 29215—Shpg. wt. 1 lb. 9 oz. $3.25

Arbor with Check, 1/4-in. capacity, 4-in. diameter, with 1/4-in. or 3/8-in. internal threaded spindle. Has No. 1 Morse taper on shank end. A 29224—Shpg. wt. 1 lb. 8 oz. $2.10

Jacobs-type Check Arbor. Precision ground, Morse taper, 1/4-in. A 29123—Fits 99A2142 and 99A2143 chucks (listed on page 33). Has No. 1 Morse taper. (Shpg. weight 10 oz.) $1.00

CRAFTSMAN 4-jaw independent Chuck. For 90A2039 above, or any lathe with 3/4-in. or 1 1/2-in. 16-threaded spindle. 4-in. diameter. Has four reversible jaws from a solid bar of special steel; work independently. Large diameter jaw screw. Acme threaded. T-handle chuck wrench included. A 29124—Shpg. wt. 3 lbs. 10 oz. $5.95
Only Sears offers you a back-gear, screwcutting lathe at anywhere near this low price

There's no other lathe like it! Much smoother, more accurate than is ordinarily possible with lathes of this size. It's a rugged back-gear, screw-cutting lathe. Back gears give slow speeds and greater power needed to machine a variety of metals. Speed range also permits wood and plastic turning. Designed for precision work, such as turning armatures, models, machining, experimental work, tool room work, and scores of other small jobs. Smoothly adjustable compound swivel operates on precision machined, dove-tail V-way bed. Spring tension on threading dial assures perfect contact at all times. End play eliminated! Compound rest and cross-feed are accurately gibbed for wear take-up.

**High quality Accessories to increase the usefulness of above lathe**

- Jacobs Chuck Arbor. Precision ground. For No. 3 Jacobs tapers. $1.00.
- Jacobs Center Rest Chuck. Jacobs No. 300CR. Capacity 1 to 3 in. Use with No. 3 Jacobs taper arbor to support centerless armatures. $11.00.
- Arbor. For 3/4-24 thread. $1.00.
- Jacobs Chuck No. 3CR. Capacity 3/4 to 4 in. $1.00.
- Jacobs Chuck No. 3CR. Capacity 3/4 to 4 in. $1.00.
- Jacobs Chuck No. 3CR. Capacity 3/4 to 4 in. $1.00.
- Jacobs Chuck No. 3CR. Capacity 3/4 to 4 in. $1.00.
- Jacobs Chuck No. 3CR. Capacity 3/4 to 4 in. $1.00.
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- Jacobs Chuck No. 3CR. Capacity 3/4 to 4 in. $1.00.
- Jacobs Chuck No. 3CR. Capacity 3/4 to 4 in. $1.00.
A very low price for an accurate back-gearred, screw-cutting lathe of this size. Matches our larger lathes in precision and accuracy. Guaranteed accurate within 1/1000 inch!

$133.50 CASH
Without motor
$13.50 DOWN...ON EASY TERMS
See inside back cover for complete details

6-inch Swing Lathe

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

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

Cuts 8 to 96 threads per inch, right or left hand. Back gears give 16 speeds from 54 to 3225 R.P.M. Graduated compound rest swivels 360°. Complete with 2-step motor pulley, 4-step machine pulley, 4-step countershaft, two 60-degree centers, ½ in. tool bit, 9 threading gears, ¾ in. lathe dog, ¾ in. V-belt, Allen wrench, 4-in. face plate and two wrenches.

SPECIFICATIONS:
- Swing over bed: 6 inches
- Distance between centers: 18 inches
- Spindle: None
- 1 Inch x 8 thread
- Tailstock taper: No. 2 Morse
- Bore: ¾ in
- Spindle bearings: 2 porous bronze; 1 ball thrust
- Thread range: 8 to 96, right or left hand
- Feeds: .0024, .0050, .0048 and .0078
- Back gear ratio: approximately 65½ to 1
- Countershaft and back gear bearings: 4 porous bronze
- Swing over carriage: 4½ inches
- Compound rest travel: 1½ inches

- Cross slide travel: 4½ inches
- Tailstock taper: No. 1 Morse
- Tailstock ram travel: 13 inches
- Tailstock set-over: 7½ inches
- Motor recommended (minimum): ¾ H.P. 1750 R.P.M.
- Machine pulley (included): 4 step
- Motor pulley (included): 2 step
- Mounting dimensions: 48 in x 27½ in
- Over-all dimensions: Height 10½ inches; width 21½ inches; length 33¼ inches

Comes with instructions, and accessories shown above. $133.50

Metal Lathe Manual

A complete, up-to-date, illustrated manual of metal lathe operations and machining tables. Easy-to-follow directions give you a sound, practical explanation of the construction of the metal lathe. An ideal book for students, apprentices, machinists and experienced lathe operators. Replete with actual photographs and pen and ink drawings. Each section separated by index tabs for convenience. Paper bound, spiral back, 234 pages. Shpg. wt. 11 oz. $1.50

Tool Holders

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

9 A 2031 - Threading Tool Holder, No. 9, wt. 3 oz. $4.95
9 A 2033 - Straight Tool Holder, No. 9, wt. 4 oz. $2.40
9 A 2034 - Right Hand Tool Holder, No. 9, wt. 4 oz. $2.40
9 A 2033 - Left Hand Tool Holder, No. 9, wt. 4 oz. $2.40
9 A 2037 - Cut-off Tool, wt. 4 oz. $2.95
9 A 2036 - Knurling Tool. Has medium knurl. $5.95

Shipping weight 9 oz. $5.95

9 A 2297 - Ship. wt. 1 lb. $8.50

Formed Tool Bit Set

Site-piece set of 5½-inch tool bits. High speed tool steel; ground, ready to use. Set includes threading bit, left-hand facing bit, left-hand turning bit, right-hand facing bit, and round nose turning bit.

9 A 2034 - Ship. wt. 5 oz. $2.30

Tool Post Set

High speed tool steel. Tools mount directly in tool post. Set includes 4 boring bars, internal threading tool, external threading tool, tool post spacers for height spacing.

9 A 2038 - Ship. wt. 1 lb. $8.50

Crafstman precision made Lathe Chucks

3-jaw universal type. Jaws controlled by single screw and pinion gear. Speedily gripping...self-centering...ideal for production work. Extra-strong semi-steel body casting. Special alloy metal scroll; alloy steel pinion. Alloy steel jaws. Fits 99 AM 2048 lathe above, or any 1-in. x 8 thread spindle. Diameter 4 in. 2 sets of jaws, one for inside, one for outside gripping. With wrench.

9 A 2135 - Ship. wt. 6 lbs. 5 oz. $32.95
9 A 2148 - ...... $38.95
9 A 2118 - ...... $38.95

4-jaw independent type. For average shop needs. Special alloy steel body has wide, deep jaw slots. Four reversible jaws work independently; increase usefulness when working on irregular shaped pieces. Large diameter jaw screws. Acme threaded. Fits 99 AM 2048 lathe above, or any 1-in. x 8 thread spindle. Diameter 4 in. With T-handle chuck wrench. Shpg. wt. 3 lbs. 12 oz. $8.95

9 A 2138 - Ship. wt. 3 lbs. 12 oz. $8.95
**Accessories for CRAFTSMAN 6-inch Swing Lathe... make it more useful**

- Tailstock Cup Centers. Supports work in tailstock. Replaceable center point. 9A 1710—No. 1 Morse taper shank. Shipping weight 4 oz. $95c 9A 2100—No. 1 Morse taper shank. Shpg. wt. 3 oz. $95c 9A 2101—No. 2 Morse taper shank. Shpg. wt. 7 oz. $95c
- Center Dril. Combination drill and counterbore. In 5/8 or 1/2-in. sizes. Size 8 size wanted. 9A 1061—Shpg. wt. 1 oz. $35c
- Center Feed. For driving lathe dog and work for wood turning. 4-in. diameter. For use with 9A 2084 lathe (on opposite page) and other lathes with 1-in.-8-thread spindle. Shipping weight 3 lbs. $3.20
- Reversing Switch. Reverses motor and spindle direction in grinding, polishing, tapping, wood or metal finishing. Not for replacement-induction motors. 9A 2892—Shipping weight 1 lb. 9 oz. $3.75
- Work Arbor with Chuck. 3-1/2-in. screw-on type chuck. Tapped 1/2-in. x 20-thread. 1/2-in. capacity. Work arbor has Morse taper on chuck end. 9A 2874—No. 2 Morse taper with chuck and arbor. Shipping weight 1 lb. 8 oz. $2.15
- Supporting Collar. This attachment fits in the headstock spindle, will hold threaded-hole angular milling cutters, keyway cutters and 3/4-inch end mills. Shipping weight 1 lb. 10 oz. 9A 2059 $19.25
- Milling Attachment. Has graduated swivel vise, flat block and V-block for holding cylindrical objects. Use capacity 2 inches; vertical feed 1/2 inch. Graded angular swivel. Shipping weight 8 lbs. 12 oz. 9A 2057 $23.50
- Follower Rest. Mounts on back of carriage dovetail slide... moves with cutting tool to provide support needed when turning long slender work. Shipping weight 9 oz. 9A 2042 $4.75

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**CRAFTSMAN "80" Power Hack Saw Cuts accurately unattended!**

Save time... save labor... reduce operating costs... speed up production with this CRAFTSMAN "80" Power Hack Saw. Professional quality throughout. Ideal for plumbers, electricians, garage men and other metal workers. Makes the cut alone while you work on other jobs. Dovetail type, with automatic relieving mechanism to lift blade from work on the back stroke. Gives a clean, accurate cut.

Extra large capacity. Makes cuts on material up to 4x4 in. at 90°. Makes angle cuts 90° to 45°. Saws iron, steel, brass, aluminum, etc.; quickly and accurately. It has a 3-inch stroke; 60 strokes per minute, at 400 R.P.M.

Rugged construction. Heavy cast iron vise; quick- locking. Shafts run on porous bronze bearings. Cast semi-steel slide and arm. Cone type arm pivot; adjustable. Takes any standard 12-inch power hack saw blade (one included).

99 AM 2394—Without motor, motor pulley, or v-belt. Shipping weight 60 pounds. $51.95
99 AM 2392—With 1/2 HP, 1500-R.P.M. self-plate, bushing motor for 110-120 volt 60-cycle A.C.; 1/2-in. motor pulley, 8-in. v-belt. Shipping weight 87 pounds. $68.50

CRAFTSMAN 12-Inch Power Hack Saw Blades. Made of special tool steel, 3/4-inch wide. 14 or 18 teeth per inch. State choice of teeth per inch. 9A 6802—Shipping weight 3 oz. $2. for $1.19

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**SPECIFICATIONS:**

`CAPACITY, maximum: 4x4 inches
Angle cuts: 90 to 45 degrees
Bearings: porous bronze
Length of blade: 12 inches
Width of blade: 3/4 inch
Machine pulley (included): 3/4-inch`

`MOTOR PULLEY (not included): 1/2-inch
Motor recommended, minimum: 1/2 HP, 1500 R.P.M.
Base size: 6x24 inches
Mounting dimensions: 5x5x5 inches
Overall dimensions: height 10 inches; width 9 inches; length (extended) 29 inches; not extended 26 inches.`
High-Quality Accessories for the CRAFTSMAN Metal-Turning Lathe Above

- Face Plates: Excellent for work which cannot be machined on center or chuck and must be turned on spindle with face plate. For lathe with 15-inch 8-thread spindle.
  - 9 A 2474—4-inch Shpg. wt. 3 lbs. $3.40
  - 9 A 2475—6-inch Shpg. wt. 6 lbs. $5.95
  - For lathe with 1-inch 8-thread spindle.
  - 9 A 2474—4-inch Shpg. wt. 3 lbs. $3.40
  - 9 A 2475—6-inch Shpg. wt. 6 lbs. $5.95
  - For lathe with 1-inch 8-thread spindle.
  - 9 A 2474—4-inch Shpg. wt. 3 lbs. $3.40
  - 9 A 2475—6-inch Shpg. wt. 6 lbs. $5.95

- Lathe Dog: Malleable iron, 1/2, 3/4, 1 or 1 1/4 in. size. Stays size wanted.
  - 9 A 2078—Shpg. wt. 8 oz. .50c

- Lathe Dog: Forged steel, thread treated.
  - 9 A 2183—Shpg. wt. each, 1 lb. .01 lbs.

- Micrometer Conical Stop: Has adjustable micrometer stop for stopping carriage in boring or facing to a given depth, duplicating longitudinal cuts, etc. Clamp on box way. Shipping weight 1 lb.
  - 9 A 2183 .55

- Cambering Screw: For cambering screw, 1/4-inch, 3/4-inch, 1-inch.
  - 9 A 2472—4-inch Shpg. wt. 9 lbs. $1.05
  - 9 A 2475—6-inch Shpg. wt. 11 lbs. $1.20

- CRAFTSMAN 3-Jaw Universal Chuck: Two sets of jaws, one for outside and one for inside work. Diameters 1 to 1 1/4 inch included.
  - 9 A 2296—Shpg. wt. 10 lbs. $2.95
  - 9 A 2297—Shpg. wt. 12 lbs. $3.95

- CRAFTSMAN 3-Jaw Independent Chuck: Four or 6-jaw universal chuck, Acme thread. T-handle chuck wrench.
  - 9 A 2193—Fits 3/4-inch 8-thread spindle.
  - 9 A 2194—Fits 1-inch 8-thread spindle.
  - 9 A 2197—Fits 1 1/4-inch 8-thread spindle.
  - 9 A 2198—Fits 1 1/2-inch 8-thread spindle.

Accessories shown on these two pages can be used on all lathes, and also on our other models 2055, 2057, 2067, 2069, 2071, 2073 and 2077.
New "Safe-Lock" Chuck

"100" Drill Presses

Ball bearing industrial type

drill to center of 1½-inch circle. On MODEL 2462, 1½-inch circle is extended to 2½-inch circle by addition of offset center post. All drill presses have 7½-inch work table. Spindle capacity to 1½-inch circle with Jacobs or equivalent chuck. Exclusively Jacobs Drill Chuck, comes standard with MODEL 2462. Jacobs Drill Chuck offers a full range of 1½-inch circle. Drill presses use Jacobs Drill Chuck, which is a well-known, standard, all-purpose chuck for a number of applications. MODEL 2462 has 1½-inch circle with Jacobs Drill Chuck and 2½-inch circle with offset center post. Spindle capacity to 1½-inch circle with Jacobs or equivalent chuck. Exclusively Jacobs Drill Chuck, comes standard with MODEL 2462. Jacobs Drill Chuck offers a full range of 1½-inch circle. Drill presses use Jacobs Drill Chuck, which is a well-known, standard, all-purpose chuck for a number of applications.

Specifications:

- Spindle capacity: 1½-inch circle with Jacobs or equivalent chuck.
- Exclusively Jacobs Drill Chuck, comes standard with MODEL 2462. Jacobs Drill Chuck offers a full range of 1½-inch circle. Drill presses use Jacobs Drill Chuck, which is a well-known, standard, all-purpose chuck for a number of applications.

Drill Press Board

An indispensable accessory for production work. Drill Press Board is equipped with 12 inch ground surface. Oil through surrounds table. With Allen wrench, 1½-inch circle post for offset center post. Drill Press Board is equipped with 12 inch ground surface. Oil through surrounds table. With Allen wrench, 1½-inch circle post for offset center post. Drill Press Board is equipped with 12 inch ground surface. Oil through surrounds table. With Allen wrench, 1½-inch circle post for offset center post.
CRAFTSMAN "80" and DUNLAP Drill Presses
REG. U.S. PAT. OFF.

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

You can do all the operations at right on your drill press, AND you can cut keyways, do setting ... plus dozens of other jobs. See pages 20 to 33 for useful accessories to make your drill press handle.

A CRAFTSMAN "80". Professional quality, heavy duty type. With new Jacobs "Safe-Lock" key chuck; 0 to 1/4 inch capacity; with key. Four sets heavy duty, shielded, precision ball bearings; lubricated for life!


SPECIFICATIONS:
- Depth of throat: 0.5 inches
- Spindle: No. 33 Jacobs taper
- Bearings: 4 sets precision ball
- Chuck capacity: 0 to 1/4 inch
- Spindle travel: 3-1/4 inches
- Quill diameter: 1/4 inches
- Depth gauge graduations: 1/16 inches
- Outside diameter: 3-1/4 inches
- Table size: 7-1/8 inches
- Table travel: 10-1/4 inches
- Base size (working surface): 10-1/4 inches
- Machine and motor pulley (included): 4-inch 4-step
- Motor recommended, minimum: 3/4-H. P. 1750 R.P.M.
- Mounting dimensions: 8-1/4 x 11-3/4 inches
- Over-all dimensions: Height 26-3/4 inches; width 11-3/4 inches; depth 16 inches
- Shipping weight: 61 pounds

99 AM 2367—Drill Press Head only. Without chuck, motor pulley or V-belt. Shipping weight 59 lbs. $39.50

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

Drills to center of 1/2-inch circle. Runs on three long-life, self-lubricating porous bronze bearings; ball thrust bearing absorbs spiral thrust. Famous "Floating Drive" spindle assembly eliminates side pull of belt and pulley "whip"; helps give smoother operation.

New Jacobs "Safe-Lock" key chuck 0 to 3/4-inch capacity with key. Adjustable stop collar for repetitive drilling. Depth gauge accurately graduated in 16ths of an inch. With new "Perma-Coil" spiral quill return spring; rubber cushioned quill return shock.

Smooth ground cast semi-steel table. 7-1/2 x 14-inch working surface on both table base. Table does not tilt.

SPECIFICATIONS:
- Depth of throat: 0.5 inches
- Spindle: No. 33 Jacobs taper
- Bearings: 1 ball thrust; 3 porous bronze
- Check capacity: 3/4 to 3/4 inch
- Spindle travel: 3-1/8 inches
- Quill diameter: 1/4 inches
- Outside diameter of column: 1-1/2 inches
- Table size: 7-1/8 inches
- Table travel: 10-1/4 inches
- Base size (working surface): 10-1/4 inches
- Machine and motor pulley (included): 4-step 4-step
- Motor recommended, minimum: 3/4-H. P. 1750 R.P.M.
- Mounting dimensions: 8-1/4 x 11-3/4 inches
- Overall dimensions: Height 26-3/4 inches; width 11-3/4 inches; depth 16 inches
- Shipping weight: 61 pounds

99 AM 2367—Drill Press Head only. Without chuck, motor pulley or V-belt. Shipping weight 59 lbs. $39.50

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

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

Adjustable head, table and idler drive. Screw-on type chuck; 1/4-inch capacity. Ground steel column. Smooth ground table does not tilt. 11-1/2-inch V-belt included.

SPECIFICATIONS:
- Depth of throat: 4-1/4 inches
- Spindle: 1/4-inch, x 20-thread
- Bearings: 2 porous bronze; 1 ball thrust
- Check capacity: 0 to 1/4 inch
- Spindle travel: 11-1/4 inches
- Outside column diameter: 1-1/4 inches
- Table size: 11-1/4 inches
- Table travel: 10-1/4 inches
- Base size (working surface): 6-1/2 inches
- Machine pulley (include 3-inch 3-step for 3/4-inch V-belt
- Motor pulley (not included) 3-inch 3-step
- Motor recommended, minimum: 3/4-H. P. 1750 R.P.M.
- V-belt (include): 11-3/4 inches
- Seven speeds: 1150 to 3450 R.P.M.
- Mounting dimensions: 8-1/4 x 11-3/4 inches
- Overall dimensions: Height 24-3/4 inches; depth 13-1/4 inches; width 7-1/4 inches

99 AM 20172—DUNLAP drill press, without motor. Shipping weight 23 pounds. $118.25
99 AM 21186—With 3/4-H. P. 1750 R.P.M., split phase, bronze bearing 10-1/20 volt 60-cycle A.C. motor and 3-step cove type motor pulley. Shipping weight 54 pounds. $325.25

Buy your drill press now on easy terms. Only a small down payment, balance monthly. See inside back cover for details.
Craftsman Drill Press Accessories... do more jobs with less effort...

Craftsman Twist Drill Sets complete with Drill Stand
- Our finest Craftsman twist drills... highest quality steels, expertly tempered, hardened, precision-ground to exact size. Carbon tool steels for hand, breast or bench drills operate at relatively low speeds;
- 9 A 6705—10-pc. carbon tool steel drill set and stand... $1.85
- 9 A 6707—10-pc. high speed steel set and stand... $2.50
- Sets of 60 wire gauge drills, sizes 1 to 60, in drill stand. Shipping weight per set 12 pounds 12 oz.
- 9 A 6707—40-pc. carbon tool steel set and stand... $9.75
- 9 A 6707—40-pc. high speed steel set and stand... $18.50

Get more use out of your drill press and drills
- Tapered Adapter. Enables you to fit No. 2 Morse taper shank drills to No. 12 Jacobs taper shank spindles. State size. 9 A 2445—Shipping weight 8 ounces. $1.45
- Craftsman Drill Guarding Attachment. Reinforces your drill press with factory accuracy. Makes old drill like new! For sale made of sheet aluminum—strong, non-rusting. Adjustable for all popular drill points; countersunk. Handle turns drill of following sizes: 1/8 in. to No. 10, 8 to 21/2, 10 to 13.9 millimeters. With instructions. 9 A 6677—Shipping weight 2 pounds 8 ounces. $3.25
- Drill Press Instruction Book. 32 pages; over 100 drill press operations; over 175 illustrations. Explains drilling, countersinking, mortising, dovetailing, routing, carving. Describes new uses and accessories. 9 A 2921—Shipping weight 2 ounces. 25c

Craftsman Multi-Speed Attachments, The right speed for every drill press job. 20 speeds from 200 R.P.M. to about 13,000 R.P.M. A complete range for the low speeds required for metal drilling even with 3/8-inch drill. Ball bearing construction. Balanced 4-step, cone-type key. 2 V-belts included. We recommend 7V/8HP, 1750 R.P.M. motor (minimum).
- Fits Nos. 992A2314, 992A2313, 992A2364 (pages 28 and 29), and some other drill presses with a 2 or 2-5/8-inch (plus .005 inch) inside diameter column.
- 9 A 2328—Shipping weight 4 lbs. 2 oz. $11.35
- 9 A 2399P—(Not shown, fits former drill presses 2404, 2423, others with 2-5/8-inch (plus .005 inch) inside diameter column. Shipping weight 5 lbs. $11.15
- 9 A 2399P—(Not shown, fits former drill presses 2404, 2423, others with 2-5/8-inch (plus .005 inch) inside diameter column. Shipping weight 5 lbs. $11.15
- 9 A 2399P—(Not shown, fits former drill presses 2404, 2423, others with 2-5/8-inch (plus .005 inch) inside diameter column. Shipping weight 5 lbs. $11.15

*Shipped from factory in central Michigan

Tool Cabinets
- Craftsman 4-drawer Tool Cabinet. 24-gauge sheet steel, electrically welded. 33x47x10 in. overall. All parts removable; stops prevent falling out. 4 drawers. 1/8, 1/4, 3/8, 1/2 in. Each drawer partitioned into 12 sections; partitions adjustable, removable. Includes index card holder. 9 A 6551. $5.25
- Craftsman 8-drawer Tool Cabinet. Similar to above, except it has 8 drawers. Overall dimensions 33x47x10 in. Four drawers are 1/8, 1/4, 3/8, 1/2 in. 9 A 6552. $9.25

Cabinet, Tool
- Circular Hole Saw. For drill presses, electric drills, etc. Fuses heat treated high speed steel. Cuts clean holes in wood or metal. Depth of cut 1/8-in. Fits 1/4-in. chuck or larger. Mandrel 1/4-in. 9 A 2918—Shipping weight 10 ounces. $1.55

Craftsman Sanding Drums. For drill presses, flexible shafts, electric drills, 1/4-in. plunger or 1/4-in. flexible shaft. Each 97c
- Craftsman 25mm sanding drum. Shipping weight 3 oz. 97c
- Craftsman 25mm sanding drum. Shipping weight 3 oz. 97c
- Craftsman 25mm sanding drum. Shipping weight 3 oz. 97c

Craftsman 4-pc. Rotary Cutter Set. High speed steel cutters; 1/8-in. diameter shanks. For flexible shafts, electric drills, bench drills, etc. For sanding, filing, milling, routing, chamfering on wood, plastic, and metal (except hardened steel). 9 A 2665—Shipping weight 10 oz. 2 pieces $1.45

Individual Rotary Cutters. Shipping weight each 1/4 oz. Each 1.00
- Craftsman 25mm sanding drum. Shipping weight 3 oz. 97c
- Craftsman 25mm sanding drum. Shipping weight 3 oz. 97c

Craftsman Steel Cabinets
- Well Cabinet. 32 in. high; 19 in. wide; 54 in. deep. Heavy-duty doors have cylinder lock with key. 2 swingout drawers hold small items. Brackets on inside of doors for extra tools. Strong hinges. 99 A 0651—Shipping weight 23 lbs. $117.30
- Deluxe Roller Cabinet. Heavy 20-gauge steel. 37x42x18 in. Drawers have ball bearing rollers. 5 drawers; 23-1/4x17-1/2 in., with 2 drawers, 1-1/2 in. deep, partitioned. 2 drawers 31/2 in. deep, bottom drawer 41/2 in. deep. Two drawer has cylinder lock; key locks all drawers. 4-in. wheel ball-bearing casters. Four casters have side brakes. Light not included. 99 A 4362—Shipping weight 33 lbs. $79.00
- Light Filler. Swivels 360°; 18-in. flexible cable; double outlet; toggle switch. Takes 100-watt lamp, 150-watt plug. For 110-120 volt, 25-60 cycle AC-DC. UL approved. 9 A 4364—Shipping weight 3 lbs. 4 oz. $5.69
Drill, Sand, Plane, Shape, Dovetail, Mortise... many more!

Convert your drill press into a shaper!

Now! This CRAFTSMAN Shaper Fence Attachment enables you to do simple shaping jobs with your drill press. It's ideal for the home craftsman who has limited use for a separate shaper. The fence gives the support necessary in making picture frames, sashes and a large variety of moldings and trimmings. Fits drill presses 99 AM 2314, 99 AM 2313, 99 AM 2366, and 99 AM 2364 with 1¾-inch maximum forward and back travel; and open from 1 inch for smallest diameter shaper cutter to 3-inch maximum for large cutters and sanding drums. They also lock separately for greater accuracy. The fence faces are planned to within 0.005-inch accuracy and offer assembly of unit. One piece cast aluminum has an opening in the back for chip outlet. The cutter is enclosed for maximum safety. Adjustable steel holds-downs maintain a constant pressure on the work and have one screw lock for easier action. It eliminates chatter and hanging. Hold-down assembly shifts quickly to either end of unit for regular or reverse feeding. Cutters and attachments used with this attachment are listed below. Buy this CRAFTSMAN Shaper Fence attachment soon... it will be a valuable addition to your workshop.

9 A 2467—Shipping weight 5 pounds...

Dovetailing Attachment

Makes perfect dovetail joints! Both pieces of wood are cut at same time. Pieces to be dovetailed held at right angles in clamp, and cutter is guided through one piece into the other. Complete with hardened steel spacing comb, guide shank of router to predetermined depth; end plates; screw fittings and clamps for holding work; woods parts, instructions. Dovetail cutter bit not included. Use 9 A 2411 (below).

9 A 2462—Shipping weight 5 pounds 8 ounces...

Woodworking Cutters

For drill-press cutting, round-end mortising, dovetailing, boring around edge, reeding and general routing. Pressure on the work and have one-screw locks for easier action. It eliminates chatter and hanging. Hold-down assembly shifts quickly to either end of unit for regular or reverse feeding. Cutters and attachments used with this attachment are listed below. Buy this CRAFTSMAN Shaper Fence attachment soon... it will be a valuable addition to your workshop.

9 A 2467—Shipping weight 5 pounds...

Shaper Cutters and Adapters for drill press or shaper

Diagram opposite each cutter below shows cut it makes. Additional cuts can be made by using only part of cutter edges. Permit you to form almost any kind of contour. Made of finest alloy steel; carefully hardened; precision machined; ground to exact dimensions. Cutters have 1¾-inch bore. Use with adapter 9 A 2444 listed below.

Machined set of tongues and grooves cutters. 1 in. high; 1¾-inch radius... $2.85
Large size shaper cutters.

9 A 2388—1 in. high; 1¾-inch radius...
9 A 2389—1 ¼ in. high; 1¾-inch radius...
9 A 2390—1 ½ in. high; 1¾-inch radius...
9 A 2391—1 ¾ in. high; 1¾-inch radius...
Small size shaper cutters.

9 A 2341—1 in. high; 1/4-inch radius...
9 A 2342—1 ¼ in. high; 1/4-inch radius...
9 A 2343—1 ½ in. high; 1/4-inch radius...
9 A 2344—1 ¾ in. high; 1/4-inch radius...

Special shaper cutters. Shipping weight each 3 ounces.

9 A 2388—Small Picture Frame Cutter, 1 in. high with 7/16-inch radius...
9 A 2389—Large Picture Frame Cutter, 1 ¼ in. high with 7/16-inch radius...
9 A 2390—Picture Frame Cutter, 1 ½ in. high with 7/16-inch radius...
9 A 2391—Picture Frame Cutter, 1 ¾ in. high with 7/16-inch radius...

9 A 2392—Shoe Molding Cutter, 1 in. high with 1/4-inch radius...
9 A 2393—Shoe Molding Cutter, 1 ¼ in. high with 1/4-inch radius...
9 A 2394—Shoe Molding Cutter, 1 ½ in. high with 1/4-inch radius...
9 A 2395—Shoe Molding Cutter, 1 ¾ in. high with 1/4-inch radius...

9 A 2396—Bead Cutter, 1 in. high with 1/4-inch radius...
9 A 2397—Bead Cutter, 1 ¼ in. high with 1/4-inch radius...
9 A 2398—Bead Cutter, 1 ½ in. high with 1/4-inch radius...
9 A 2399—Bead Cutter, 1 ¾ in. high with 1/4-inch radius...

9 A 2400—Bead Cutter, 2 in. high with 1/4-inch radius...
9 A 2401—Bead Cutter, 2 ¼ in. high with 1/4-inch radius...
9 A 2402—Bead Cutter, 2 ½ in. high with 1/4-inch radius...
9 A 2403—Bead Cutter, 2 ¾ in. high with 1/4-inch radius...

9 A 2404—Bead Cutter, 3 in. high with 1/4-inch radius...
9 A 2405—Bead Cutter, 3 ¼ in. high with 1/4-inch radius...
9 A 2406—Bead Cutter, 3 ½ in. high with 1/4-inch radius...
9 A 2407—Bead Cutter, 3 ¾ in. high with 1/4-inch radius...

9 A 2408—Bead Cutter, 4 in. high with 1/4-inch radius...
9 A 2409—Bead Cutter, 4 ¼ in. high with 1/4-inch radius...
9 A 2410—Bead Cutter, 4 ½ in. high with 1/4-inch radius...
9 A 2411—Bead Cutter, 4 ¾ in. high with 1/4-inch radius...

9 A 2412—Bead Cutter, 5 in. high with 1/4-inch radius...
9 A 2413—Bead Cutter, 5 ¼ in. high with 1/4-inch radius...
9 A 2414—Bead Cutter, 5 ½ in. high with 1/4-inch radius...
9 A 2415—Bead Cutter, 5 ¾ in. high with 1/4-inch radius...

9 A 2416—Bead Cutter, 6 in. high with 1/4-inch radius...
9 A 2417—Bead Cutter, 6 ¼ in. high with 1/4-inch radius...
9 A 2418—Bead Cutter, 6 ½ in. high with 1/4-inch radius...
9 A 2419—Bead Cutter, 6 ¾ in. high with 1/4-inch radius...

9 A 2420—Bead Cutter, 7 in. high with 1/4-inch radius...
9 A 2421—Bead Cutter, 7 ¼ in. high with 1/4-inch radius...
9 A 2422—Bead Cutter, 7 ½ in. high with 1/4-inch radius...
9 A 2423—Bead Cutter, 7 ¾ in. high with 1/4-inch radius...

9 A 2424—Bead Cutter, 8 in. high with 1/4-inch radius...
9 A 2425—Bead Cutter, 8 ¼ in. high with 1/4-inch radius...
9 A 2426—Bead Cutter, 8 ½ in. high with 1/4-inch radius...
9 A 2427—Bead Cutter, 8 ¾ in. high with 1/4-inch radius...

Collet Chucks

Collet chuck for cutters above or any ¾ or 1¼-inch diameter shank. ¼-inch capacity, capstan or tube-style bushing. Fits any drill press with No. 35 Jacobs taper spindle having threaded locking collar. Replaces 3-jaw chucks for any work developing side thrust, as in routing.

9 A 2455—Collet chuck...
9 A 2271—½-in. capacity...
9 A 2269—½-in. capacity...

Mortising Chisel Housing

CRAFTSMAN, Cut square holes with your drill press. Housing mounts on quill. Bit drills round hole; hollow chisel trims corners square. Makes drill press a mortising machine that cuts clean, accurate mortise joints.

9 A 2444—Mortising Chisel Housing. For drill presses 99 AM 2314 and 99 AM 2366 (page 28), and 99 AM 2364 and 99 AM 2365 (page 28). Use with 9 A 2388 and 9 A 2399 (listed below), or almost any mortising chisel and bit. Shipping weight 3 lbs 8 oz...
9 A 2461—Mortising Chisel Housing. For former CRAFTSMAN drill presses Nos. 2380, 2382, 2407, 2423 and 2392. Use with 9 A 2420 and 9 A 2422 (listed below) or almost any mortising chisel and bit. Shipping weight 3 pounds...
9 A 2420—Hollow Chisel. For use with 9 A 2461 (listed above), 1 inch and 1¼-inch. Shipping weight 4 oz...
9 A 2422—Mortising Bit. For use with 9 A 2461 (listed above), 1 inch and 1¼-inch. Shipping weight 4 oz...
Drill Press Milling Vises ... Other Accessories

- **Milling Vise.** Built to fit drill presses, milling machines, surface grinders or shapers. Table rotates 360°. Dual cross-feed 2½-in., each side or 4½-in. overall. Calibrated in hundreds. Rotary feed; calibrated in degrees. Shipped from Chicago, Ill. factory. 
  - 99 A 24065—Shipping weight 38 lbs. $49.95
  - 99 A 24095—Does not include rotary feed. Wt. 35 lbs. $49.95

- **CRAFTSMAN Drill Press Milling Vise.** Bolts on drill press table; adapts to shaper, lathe or grinder. Work is locked on 7½-in. table between 2 adjustable jaws, moved to any horizontal position by 2 cross-feed controls. 6-in. travel base graduated 180°, 3½-in. vise capacity, jaws 6-in. wide, 5½-in. high. 
  - 99 A 02242—With wrench. Shipping weight 32 lbs. $79.95

  - 9 A 3640—With set screw wrench. Shpg. wt. 30 oz. $2.25

- **Heavy duty.** 1½-in. shank for use in drill press, electric drill, cuts 1½-in. holes 2 to 8 in. diameter up to 1 in. deep. With removable high speed bit set. Screw wrench included. 
  - 9 A 3641—Shipping weight 10 oz. $4.79

Bench and Woodworkers' Vises, Clamps, etc. . . . to make your shop complete

  - 99 A 05244—DUNLAP Bench Vise Only, as above. Shipping weight 17 lbs. $9.50

  - 99 A 05176—3½-in. jaws only. Shpg. wt. 9 lbs. $16.75
  - 99 A 05169—4-in. jaws, open 5 in. Shpg. wt. 29 lbs. $17.95
  - 99 A 05168—5-in. jaws, open 6 in. Shpg. wt. 36 lbs. $18.50

- **RA 5407—Pipe Jaws only.** For Vise only. Shpg. wt. 1 in. 4 oz. Pair $0.95

- **CRAFTSMAN Light-weight Woodworkers' Vise.** Here’s the tool carpenters and mechanics have been awaiting for years. A rugged vise that’s so light it easily can be carried in a tool kit. Has tough long-life cast aluminum jaws measuring 5¼x5¼ inches, open to 5¾ inches. Can be set up for operation almost anywhere; it’s portable. Great for carpenters who do work away from the shop. Acme-threaded screws. Excellent for close-quarter work, vise will hold work in either horizontal or vertical position as desired. Screw holes in base let you install fastening wood faces; will increase the use of your vise. 
  - 9 A 374—With pipe in 14 oz., $3.75

Buy NOW on Sears Easy Payment Plan.

- **CRAFTSMAN Woodworkers' Vise.** Designed for front and back jaws. With smooth-ground faces; woodfaces can be made to match jaws. Adjustable bench stop. Acme-threaded steel screw. 10-in. jaws, open to 10 inches. 
  - 99 A 05200—Wt. 24 lbs. $95.00

Quick-working Woodworkers’ Vise. (Not shown.) Similar to 99A05200, but half turn of handle disengages screw; permits jaw to slide back and forth. To engage screw, turn in opposite direction again. 
  - 99 A 05291—Wt. 24 lbs. $95.00

- **Bench Screw.** Now you can replace worn-out bench screws, or make new woodworkers' vises, etc. with this bench screw. Made of long-life steel. Measures 1 inch in diameter. Acme-threaded nuts, 1½-in. in length; 14-in. handle. 
  - 9 A 666—Wt. 5 lbs. 8 oz. $2.35

- **Gluing Clamp.** Designed for use with 5½-in. threaded pipe. Strongly constructed of rugged, malleable iron. Provides extra cranking adjustment. Smooth sliding jaw has 1½-in. 1¼-in. face. Clamp has handy non-slip lever lock. Has cap for end of pipe, pipe not included. 
  - 9 A 0667—Shipping weight 3 lb. 14 oz. $2.65

- **Cabinet Maker's Steel Clamp.** T-bar measures 1½-in. 1¾-in. inches. Sliding jaw has 1¾-in. face; securely locked in grip notches. Acme-threaded screw. Crank included with clamp. 
  - 99 A 0667—State size marked. Open to 3 feet. 
  - Shpg. wt. 8 lbs. $5.50

- **Aluminum Alloy C Clamps.** Won't rust! Close threaded screw. Smooth, beveled "T" handle. 
  - 9 A 6670—Please state size

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- **Malleable Iron C Clamps.** Heavy duty. Acme-threaded screw. Self-adjusting swivel head. 
  - 9 A 6677—Please state size

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Sensational CRAFTSMAN Rotary Electric Tool Set

DEBURLING
CRAFTSMAN Rotary Electric Tool, on the production line, deburring cast iron. It also cleans, brushes, sands, cuts, cuts, sharpens.

POLISHING
Does polishing work, with rubber bonded polishing wheel. And on CRAFTSMAN Rotary Tool can buff, root and drill tool.

GRINDING
Does grinding on die work. CRAFTSMAN all sharpens, engraves and grinds... It is invaluable for tool room use.

Yes--actual laboratory tests prove that the CRAFTSMAN Rotary Electric Tool has 50% extra power over other rotary tools of this type and size. This means that it takes bigger loads without stalling. We believe that it is America's finest electric rotary tool... we know of NO other tool on this market which even approaches the quality of this superlative CRAFTSMAN at ANY price!

Meets the most rigid demands of precision tool room work and continuous production line demands... is a wonderful tool for hobbyist. Has hundreds of uses! Drills, grinds, polishes, sharpens, engraves, saws, sands, routes, cleans, carves, buffs, brushes, cuts, etc. Can be used on wood, metal, glass, plastics, leather, etc.

Approved by Underwriters' Laboratories. We believe this is the ONLY tool of this type which has this expensive kind of chuck (see above). Convenient on-off switch. Finger rest keeps fingers in natural position; helps prevent sliding. Housing is strongly made of aluminum... no plastic is used! Powerful 15,000 R.P.M. motor for 110-120-volt, 25 to 60-cycle A.C. or D.C. With 52 accessories, all shown below, including cutters, saws, drills, brushes, polishing wheels, emery wheels, sanding drum, extra mandrels, adjustable steel bench stand, chuck wrenches, motor replacement brushes, 6-foot cord, etc. Comes in 11x8x4 1/4-inch workshop case.

Order yours today! Only a small down payment, balance monthly on Sears Easy Terms.

CRAFTSMAN Rotary Tool Accessories

Accessories for CRAFTSMAN Rotary Electric Tools. For rotary tools on this page; also hand grinder, flexible shaft outfit and router on opposite page. Shipping weight each 2 ounces.

CRAFTSMAN Rotary Electric Tool

Don't confuse this CRAFTSMAN Rotary Electric Tool with other similar tools selling in this price range. This is the quality for which you'd expect to pay much more. Has hundreds of uses. Grinds, drills, routes, carves, saws, cuts, engraves, sharpens, polishes, buffs, brushes, smoothens, cleans, etc. Can be used on wood, metal, glass, leather, plastics, etc.

Powerful 15,000 R.P.M. universal motor for 110-120-volt, 25 to 60-cycle A.C. or D.C. With 52 accessories, all shown below, including cutters, saws, drills, brushes, polishing wheels, emery wheels, sanding drum, extra mandrels, adjustable steel bench stand, chuck wrenches, motor replacement brushes, 6-foot cord, etc. Comes in 11x8x4 1/4-inch workshop case.

Order yours today! Only a small down payment, balance monthly on Sears Easy Terms.

CRAFTSMAN Rotary Electric Tool

Don't confuse this CRAFTSMAN Rotary Electric Tool with other similar tools selling in this price range. This is the quality for which you'd expect to pay much more. Has hundreds of uses. Grinds, drills, routes, carves, saws, cuts, engraves, sharpens, polishes, buffs, brushes, smoothens, cleans, etc. Can be used on wood, metal, glass, leather, plastics, etc.

Powerful 15,000 R.P.M. universal motor for 110-120-volt, 25 to 60-cycle A.C. or D.C. With 52 accessories, all shown below, including cutters, saws, drills, brushes, polishing wheels, emery wheels, sanding drum, extra mandrels, adjustable steel bench stand, chuck wrenches, motor replacement brushes, 6-foot cord, etc. Comes in 11x8x4 1/4-inch workshop case.

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CRAFTSMAN “80” 31-Piece Electric Drill Sets

Amazingly handy! Hundreds of uses! . . . ¼-in. bit won’t stall in steel plate!

Don’t confuse these great CRAFTSMAN sets with other similar outfits selling in this price range. They include a really superior drill, with famous CRAFTSMAN quality . . . a powerful little brute that has become tremendously popular in taking the place of large, heavy, hard-to-handle drills. Many, many uses. You’ll get an entirely new idea of the usefulness of an electric drill when you own a set like these. You’ll use it not only for drilling . . . but ALSO for sanding, polishing, buffing, grinding, and even mixing paint! A great work saver when used in polishing your car.


Use these quality accessories to get the most from your electric drill

Grinding Wheel Arbor (See page 37)
Tampico Floor Brush (See page 46)
Wire Cap Brush (See page 46)
Wire Scratch Wheel (See page 46)
Sanding Drum (See page 46)
Rubber Polishing Wheel (See page 47)
Sanding Plate (See page 47)

 happily)

Don’t load chuck speed 1600 R.P.M. Powerful universal motor for use on 110-120 volt 25 to 60-cycle A.C. or D.C. With 10-foot 3-wire rubber covered cord and unbreakable plug. Switch has lock for continuous running.

Accessories in Set 10 high speed drill bits (1/16 to ¼ in.); 3 wood bits (5/16, ¼, ³/₈ in.); 2 4-in. buffers; 3½-in. grinding wheel; 5-in. rubber sanding disc; 6-in. sheepskin bonnet; 4-in. wire scratch wheel; 5-in. sanding discs; buffing compound; paint mixer; drill stand for using drill as bench tool; steel case.

(Pistol-grip drill is ¾ in. long; Saw-grip drill, 9½ in.)

Your choice ... Only

$39.75
$4.00 DOWN
On Sears Easy Terms

CRAFTSMAN “100” Drills ... ¼-inch heavy-duty

Genuine heavy duty design—priced less than many standard duty drills! For continuous production work. The finest combination of power, size and weight in a ¼ in. drill we’ve ever seen. UL approved. (

More for your Money with a CRAFTSMAN “100” Drill! Laboratory comparison with two famous heavy duty drills shows the CRAFTSMAN “100” similar in performance . . . at a huge saving! Actually it sells for even less than standard duty drills by the same makers!

Sears Drill, $39.75; Drill, $4.00

Biscuit Joiner, $25.75; Drill, $4.00

Molded Plaster, $15.00; Drill, $4.00

Full load RPM, 1800; Drill, $4.00

Full load torque, 105%; Drill, $4.00

Efficiency, 65%; Drill, $4.00

UL approved; Drill, $4.00

Price, $29.75

Biscuit Joiner, $15.00

Molded Plaster, $10.00

Full load RPM, 1050

Efficiency, 55%

UL approved

$29.75
Electric Drills, ½-in. cap. or more

**GUNLAP ½-inch Electric Drill**

![Image of a GUNLAP drill]

- You'd expect to pay much more for a drill with this quality and power. A new functionally designed precision-built tool with the extra power necessary for those tough jobs. It easily drives ¼-inch bits in steel and 1-inch bits in hard wood. Exceptionally smooth and quiet in operation. An ideal utility drill.
- New functional design makes this drill unusually easy to handle, for its size and power. Aluminium alloy frame assures great strength, light weight. Finest "Supreme" precision-composed key chuck; ¼-inch capacity, holds bits firmly, accurately. Gears, pinions, motor shaft and chuck spindle are made of high quality alloy steel. Triple reduction gears assure smooth operation and long life. Self-lubricating bronze bearings. Ball thrust bearing on spindle to take up end thrust. Double pole automatic-releasing switch locks for continuous running if desired.

**Craftsman production-type Drills**

- By far our finest ball-bearing electric drills. Extra heavy duty. Built for heavy duty, precision ball-bearing electric drills. Will stand up to the most severe work. Made of steel, 65% inches long. Drills up to 3½ inches in diameter.
- Available in 3 sizes:
  - Model A: 2 ½-in. diameter, 7 ½-in. length, 1 ½-in. shank. Suggested price $3.50 at Sears Easy Terms...Cash $3.45
  - Model B: 4-in. diameter, 9-in. length, 1-in. shank. Suggested price $5.50 at Sears Easy Terms...Cash $5.50
  - Model C: 6-in. diameter, 11-in. length, 1½-in. shank. Suggested price $7.50 at Sears Easy Terms...Cash $7.50

**Accessories to make your Electric Drill much more useful**

- **Craftsman Roto-Vent.** Converts ½-in. to 1½-in. electric drill into a portable power saw and filing machine. Uses standard hack saw blades and files. Has brass case with gray wrinkle finish. For use on electric drills with spindle speed of 1000 to 3500 R.P.M. Instructions in brief 35½ inches long. 9 A 2590 - Shop wt. 2 lbs...$9.95
- **Spin-A-Brush Attachment.** Paint brushes in 90 seconds. Fits ½-in. electric drills or larger of 1600 R.P.M. or less. Center brush is adjustable, and soaks 30 seconds in cleaner. Chamois-die-cut cup, ring, steel arms, nickel finish. ¼-in. diameter steel shank. 9 A 2565 - Shop wt. 1 lb...$2.19
- **Craftsman Sander-Polisher.** Changes a ½-in. drill into an efficient tool for sanding or polishing furniture, woodwork, walls or other flat surfaces. Cast aluminum housing and base plate. Sealed ball bearings on eccentric drive. 35½-in. to 7-in. oscillating pad, ½-in. high. With wrench and instructions. Fits ½-in. drills like our 9A 2577, 9A 2578, 9A 2579, and 9A 2571. 9 A 2594 - Shop wt. 2 lbs...$8.95
- **Craftsman Angle-Drill Buffer-Sander-Polisher.** New 16 pc. set. Angle design avoids awkward wrench position. Never needs oil. Makes possible speeds in addition to regular drill speed. Set includes angle head, speed adapter, polishing brushes, flexible rubber sanding pads, 6 sanding discs. 9 A 2604 - Shop wt. 2 lbs...$5.95
- **Wood Boring Bit.** Designed for use in Electric Drills, Drill Presses, Flexible Shafts. Expansive bit adjustable from ½-in. to 3½-in. shank. Made of hardened, long-life high-speed steel, Allen wrench included. Drills large diameter holes, easily, quickly. 9 A 2087 - Shop wt. 4 oz...$1.98
Sears high quality Electric Motors

Nylon insulated! Resist heat and abrasion better!

**Craftsman Capacitor Motors... powerful!**

- Efficient motors for shops, factories, etc., for driving tools or equipment. Note ALL features at left, included!
- Built-in condenser reduces starting current; motor starts loads about 50% heavier than split phase motors of same rating. New Departure grease-sealed precision ball bearings. Operates in any position; easily reversed. Specially designed fan and baffles keep all parts of motor cool. All are 115-120-volt, 60-cycle A.C. with 5/8-in. shafts, except 99A01981 has 3/4-in. keyway shaft. Mounting dimensions, 3/4-in.x5-in.

<table>
<thead>
<tr>
<th>Catalog No.</th>
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<th>Weight</th>
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**Craftsman Mill Type Motors**


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**Craftsman \(\frac{1}{2}\)-H.P. Appliance Motor**

- NEW! A \(\frac{1}{2}\)-H.P., capacitor-type, appliance motor, same at less than the usual replacement price for a \(\frac{1}{2}\)-H.P. motor of the same type! A high starting torque appliance motor, designed for replacement purposes... ideal for stokers, oil burners, washing machines, ventilating fans, pumps and other appliances. Exceeds N.E.M.A. specifications for breakdown torque. Handles more than TWO times rated H.P. before shutting down precision bronze sleeve bearings with spring oil caps. Top-mounted condenser reduces starting current; motor starts loads about 50% heavier than split phase motors of same rating. Mounting dimensions 5x5-in.

<table>
<thead>
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<th>Catalog No.</th>
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**Craftsman Split Phase Motors**

- Super valves! Not lightweight, but full size, full power. Rugged, well-made motors, designed for general use on easy-starting loads such as light power tools, small pumps, radiators, etc. Excellent performance and trouble-free operation. All parts guaranteed against defects in material or workmanship. Exceed N.E.M.A. breakdown torque. Husky, diamond-hard bronze journal bearings for smooth operation and long life. Large oil chambers with spring oil caps cast into the frame. Many thousands of hours operation. Motor should be used in horizontal position only. Easily reversed. Motor base gives motor solid mounting.

<table>
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**Craftsman \(\frac{1}{2}\)-H.P. Split Phase Motor**

- DUNLaP Deluxe. Our finest split phase motor! Heavy duty! Super powered! Ideal for operating light power tools and compressors, ventilating fans, washing machines, etc. Note this feature: double shaft ball bearings; on-off switch; cord, and unbreakable plug. Exceeds N.E.M.A. specifications. Handles more than TWO times rated H.P. before shutting down! Efficient, modern design. Deep end bells, large fan and baffled openings ventilate motor; assure cool operation. Massive cast iron base for solid mounting; handy on-off switch, easily reversed. All parts guaranteed against defects in material or workmanship for one year. New Departure grease-sealed precision ball bearings; motor operates in any position. 3/4-in. shaft extends 5-in. on both ends. 1750 R.P.M. For 115-230-volt, 60-cycle A.C. With 8-ft. cord; unbreakable plug. Mounting dimensions 3x3x5-in.

<table>
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GUARANTEED! If any Sears motor shows defects in materials or workmanship, we will repair it without charge if returned in 1 year.
3-Phase and R-I Type Motors
For heavy duty, day-in, day-out use on farms... in shops and factories!

*3-Phase Ball Bearing Motors for 220-440-volt, 60-cycle A.C.*

<table>
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<th>R.P.M.</th>
<th>Shaft Mounting</th>
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<td>43</td>
<td>$42.00</td>
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Grease-sealed precision ball bearings.

Super-powered for tough jobs!
Specially designed for hard starting loads. Used in shops and factories for steady day-in day-out production work. Tremendous overload capacity for all torque jobs! Develop THREE to FIVE times rated H.P. while starting. Ideal for R.E.A. lines, fans and for low voltage lines and rigorous climatic conditions. Low amperage draw when starting.

Meet all A.I.E.E., N.E.M.A. and central station requirements. All have grease-sealed precision ball bearings... never need lubrication... run in any position. Large drip-proof air vents and powerful fan keep extra heavy windings cool. Designed not to exceed 40° temperature rise under normal operation. Easily reversed. Shafts have keyways. Before ordering, check with your local power company on voltage, cycle, phase and capacity of your line.

Convenient CRAFTSMAN Motor Rails
- Adjustable Motor Rails. For jobs where motor is not moved from tool to tool. Easy to adjust belts; loosen belts holding motor on iri, slide motor for belt tension desired, tighten belts. Caution: do not run V belts too tightly. Shipping weight 3 pounds.
- Floating Motor Rails. Permits you to use one motor for several tools. Fasten clips near each tool, and shift motor with tool attached, from tool to tool. Keeps belt tension exactly as you want it. A 2277—Pair of rail clips only... .39c

Multi-Purpose Mounts
- Deluxe Floating Motor Rail. For smooth, vibrationless motor operation. Has all the advantages of the regular type PLUS support for rear end of motor, help cushioning, and right angle clips. Clips can be mounted behind or under tool. Rear rail pivot support carries rear end of motor; pivot is adjustable. Fits nearly all fractional H.P. motors. Can be used with standard clips if desired.
- 9 A 2236—Complete set. Shipping weight 2 pounds... .2.35

Extension Cord Sets... Reel
It's IMPORTANT to choose the RIGHT SIZE Extention Cord for your Power Tools. Using the proper size cord assures full voltage at your motor or portable tool... prevents danger of motor burnouts from low voltage.
- Extra Heavy Duty Cord, safe for motors and all Portable Electric Tools. No. 10 gauge, 2-conductor wire, rubber covered. Type SJ. Heavy duty unbreakable rubber plug and connector. Approved by Underwriters' Labs., Inc. A 5884... 25-ft. long, WT. 4 lbs. 11 oz. $7.50

Grease-sealed precision ball bearings.
DUNLAP 4-inch Grinder

Amazingly compact... handy... low priced
Approved by Underwriters' Laboratories, Inc.

Grinds... polishes a keen edge on cutting, shaping, garden tools, etc.
Does buffing, polishing with a wire or rubber wheel.
Clean... remove rust and paint with a wire brush.
Grinds across face of machine! Wheels extend beyond housing.

Guaranteed 1 year. You'd expect to pay much more for a handy, compact, rugged little utility grinder like this! Just what you need for grinding and sharpening knives and tools... buffing, polishing... cleaning... removing rust... even finishing metals and plastics with proper accessories! Use it anywhere... in the home, kitchen, farm, garage or shop. Has features found in NO other grinders of this size and quality we know of, selling at anywhere near this low price! Equipped with two 4"x1/4" inch vitrified aluminum oxide grinding wheels; one fine grit, and one coarse grit. Both wheels exceed 1/4 inch beyond front of motor housing, allowing grinding across face of machine. Distance between wheels 61/4 inches. Steel tool rests are adjustable and removable for buffing and polishing operations.

Self-aligning porous bronze bearings. Sturdy, rigid die-cast housing; rubber cushion feet. 1/4-inch shaft; 1/4x24-thread. Flanges hold 1/4, 5/8 and 1 inch arbor hole attachments. On/off switch in front of base.


$14.95

DUNLAP 1/4-H.P. Grinder

For small shops, general maintenance work

Guaranteed 1 year. Here's the efficient, sturdy grinder you need in your small shop for most grinding jobs, and for general maintenance work. Look at the low price, and check all these quality features!

U.L. approved. 1/4-H.P. DUNLAP split-phase motor has sensational non-INSULATED windings... stronger... greater resistance to heat and abrasion. No-load speed is 3450 R.P.M. On/off toggle switch conveniently located at front of grinder. Motor operates on 110-120 volt 60-cycle A.C. and is equipped with 8-foot rubber-covered cord, and unbeakable plug.

Sealed New Departure precision ball bearings... protected against dirt, dust, grinding and abrasive particles. You get dependable operation with a minimum of power loss due to friction. Strong 1/4-inch steel shaft; turns evenly at 3450 R.P.M., with 1/4-inch shaft at wheel end. Durability down to 1/4-inch at wheel end. Durability tested and found strong in case for long-lasting strength and rigidity. Attractively finished in rust-resistant gray enamel, rubber mounted for quiet operation.

Husky cast iron wheel guards. Shatterproof glass eye shields in adjustable steel frames... give protection from flying particles and sparks from grinding wheels. Removable tool rests help steady your work... assure greater accuracy... adjustable for wheel wear and proper grinding position.

Two 6x1/4-inch fully vitrified CRAFTSMAN grinding wheels... one 36-grit wheel for coarse grinding, and one 70-grit wheel for finer grinding and finishing by hand. C.M. safety at rated speed of 3450 R.P.M. Clearance between wheels is 1/16 inch. Overall dimensions (without eye shields and tool rests): height 81/2 inches; width 12 inches; depth 8 inches.

$31.00

CRAFTSMAN 1/2-H.P. Grinder

Heavy duty production type... Our finest!

Guaranteed 1 year. Incorporates the latest and best in grinder design! Excellent for heavy-duty grinding and sharpening in any type of shop. Combines strength, beauty, utility! Heavy, rigid cast iron frame; rubber mounted to absorb vibration. Handsome CRAFTSMAN gray finish; contrasting chromium trim. Two 10-watt work lamps; one built into each wheel guard; rubber mounted; easily replaced. Convenient, removable, built-in bright red plastic water pan...to cool work; and prevent drying out of tools.

U.L. approved. Ampere overload capacity to meet unusual power demands without burning out motor. CRAFTSMAN 1/2-H.P. condenser-start, induction-run type capacitor motor has \textit{sensational} non-INSULATED windings... stronger... give more resistance to heat and abrasion. Balanced for vibration-free operation at 3450 R.P.M. Operates on 110-120 volt 60-cycle A.C. Convenient on/off switch at front of grinder. 8-foot rubber-covered cord, with unbeakable plug.

New Departure precision ball bearings assure minimum friction and wear... sealed against dirt, dust and grit. Extra-strong steel shaft has 1/4-inch diameter, turned down to 1/4-inch at each wheel end.

For safety, each grinding wheel is enclosed by a cast iron wheel guard; rear dust chute. Adjustable, shatterproof glass eye shields mounted in chromium plated frames. Ground cast iron tool rests are adjustable.

Two 7x1/4-inch CRAFTSMAN industrial quality vitrified aluminum oxide grinding wheels... one 36-grit for coarse grinding, and one 70-grit for fine grinding. Thirteen-inch clearance between wheels. Operate safely at rated speed of 3450 R.P.M. Over-all dimensions (without eye shields and tool rests): height 12 inches; width 12 inches; depth 81/2 inches.

$61.95

*GUARANTEED 1 YEAR—If any Sears electric grinder shows defects in material or workmanship we will repair it without charge if returned within one year from date of purchase.

40... SEARS, ROEBUCK AND CO. Dept 3-4
## No shop is complete without a Grinder!

### CRAFTSMAN heavy duty Grinder
- Porous bronze bearings; oil well around each insures smoother running. Drive from rear or below. 15£x 15£x spindle; 14-in. at end; takes up to 8x14-in. wheels with 14-in. arbor holes. 2 combination pulleys for flat or V-belts. Idling pulley locks for double V-drive. Adjustable tool rests. Gray enameled.
- 99 A 6639 — Grinder head only. Without motor, motor pulley, V-belt or grinding wheels. Shipping weight 24 lbs.
- 99 AT 6725 — Grinder head with Donlap 3£-H.P. 15£0 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 4-in. motor pulley and 4£x 36-in. V-belt. Shipping weight 36 lbs. $26.00
- 99 A 6621 — Guards. For 99 A 66249, 3£ in. capacity. Shpg. wt. 7 lbs. 8 oz. Pair. $2.60
- 99 A 6410 — Stable Base Holder. For 99 A 6620. To hold mowers knives rigidly while sharpening. Shipping weight 4 lbs. $2.95

### General purpose Grinder
- Low priced. 15£x 15£x spindle; 14-in. at end. Porous bronze bearings; oil well around each. Drive from rear or below. Holders up to 8£x 8£x 8£ and single V-pulley. Gray enameled.
- 99 A 6616 — Grinder head only. Without motor or motor pulley, V-belt or grinding wheels. Shipping wt. 9 lbs. $14.75
- 99 AT 6725 — With Donlap 3£-H.P. 15£0 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 4-in. motor pulley and 4£x 36-in. V-belt. Shpg. wt. 36 lbs. $26.00
- 99 A 6619 — Same as 99 A 6616 above, but with two vitrified 6x£-in. grinding wheels. Shipping weight 17 lbs. $7.95
- 99 AT 6724 — Same as 99 A 6616 above, but with Donlap 3£-H.P. 15£0 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 4-in. motor pulley; V-belt. Shpg. wt. 42 lbs. $24.75

### 4-inch Grinder
- Low priced. Cast iron frame; gray enameled. 8£x 8£x spindle; 14-in. at end; 20-thread. Spring cap oil cups. Adjustable tool rests. Drive from rear or below. With two 4£x 4£x 4£ grinding wheels (fine and medium grits). 2-in. V-type pulley for 4-in. belt. Gray enameled. Takes standard accessories; drive from rear or below. With 2£x 2£x 2£ vitrified grinding wheels (fine and medium grits).
- 99 A 6614 — Grinding head and wheels only. Without motor, motor pulley, V-belt. Shpg. wt. 19 lbs. $11.95
- 99 AT 6653 — Grinding head with Donlap 4£-H.P. 1750 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 4-in. motor pulley; V-belt. Shpg. wt. 43 lbs. $28.75

### CRAFTSMAN Wet Grindstone
- Extra heavy duty. Highest quality natural Ohio grindstone; 10-in. diameter; 14-in. in face. Built-in jackshaft. Heavy cast iron body; cast iron bearings. Adjustable 3-in. tool rest. Hinged splash guard. Drain plug. With 45-in. drive pulley. Use 14-in. motor pulley with 1750 R.P.M. motor. Gray enameled. Bench not included. (We recommend our 99 A 66140 bench, with 2 £x 9£ cross slide rails; see page 9 of this catalog.)
- 99 A 6620 — Grinding head, motor pulley, V-belt or bench. Shpg. wt. 32 lbs. $13.75
- 99 AT 6725 — With Donlap 4£-H.P. 1750 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 4-in. motor pulley; 4£x 36-in. V-belt. Shpg. wt. 53 lbs. $29.95
- 99 A 6621 — Replacement Stone for above. Shipping weight 13 pounds. $4.35

### Polishing Heads
- Low-priced Polishing Head. Well balanced. Sharpens tools, grinds, polishes, drills, etc., when used with proper accessories. 7£-in. high. Spindle 7£-in. 20-thread. Stamped steel collars. Can be driven from rear, above or below. 2-in. V-pulley.
- 99 A 6615 — Shop. wt. 3 lbs. 7 oz. $2.69

### CRAFTSMAN general purpose Polishing Head
- Cast iron frame; enameled gray. Spindle threaded 3£-in. 20-thread. Porous bronze bearings; oil well around each. Spring cap oil cups. Height 24-in. Machined steel flanges. Takes standard accessories; drive from rear or below. 2-in. pulley for V-belt.
- 99 A 6627 — Head only. Without motor, motor pulley or V-belt. Shpg. wt. 4£x 1 pound. $4.25
- 99 AT 6657 — With Donlap 3£-H.P. 1750 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 4-in. motor pulley; 4£x 36-in. V-belt. Shipping weight 30 lbs. $25.00

### CRAFTSMAN heavy duty polishing head
- Extra heavy duty; gray enameled. Height 9£x 4-in. Drive from rear or below. Takes standard accessories. 2-in. V-type pulley for 3£ or 4£-in. V-belt. 9£x 36-in. spindle; 14-in. at end; 20-thread. Porous bronze bearings; oil well around each. Spring cap oil cups. 3-jaw, screw-on type chuck; 1£ in. capacity. Machined steel collars.
- 99 A 6647 — Head only. Without motor, motor pulley or V-belt. Shpg. wt. 9 lbs. 4 oz. $7.85
- 99 AT 6658 — With Donlap 3£-H.P. 1750 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 4-in. motor pulley; 3£x 36-in. V-belt. Shipping weight 35 lbs. $12.70

---

**SAFETY INFORMATION**
- Use concave flanges as large as or larger than recommended in table below. (2) Use guard and shutter-proof glass shield. (3) Don’t exceed R.P.M. shown in table below. (4) Wear safety goggles (see page 43 of this catalog).

<table>
<thead>
<tr>
<th>Diameter, inches</th>
<th>3£</th>
<th>4£</th>
<th>5£</th>
<th>6£</th>
<th>8£</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter range, inches</td>
<td>3£</td>
<td>3£</td>
<td>3£</td>
<td>3£</td>
<td>3£</td>
</tr>
<tr>
<td>K.P.M.</td>
<td>8273</td>
<td>6207</td>
<td>4964</td>
<td>4318</td>
<td>3547</td>
</tr>
</tbody>
</table>

**Select the correct grit for your job:**
- FINE for knives, keen-edged tools, finish grinding and polishing.
- MEDIUM FINE for chisels, axes, woodcutting tools, or preparing surfaces for finishing.
- MEDIUM COARSE for machine shop use, or fast removal of stock.
Exclusive! Only the CRAFTSMAN Welder has balanced pressure non-flash mixer beyond torch head...safer!
- Tested and approved by Underwriters’ Laboratories, Inc.
- Approved by Associated Factory Mutual Insurance Companies
- Tested and approved by Sears own testing laboratories
- Every part individually tested at factory before shipment
- All parts ground and hand fitted to eliminate wear
- Regulators have patented safety pressure relief devices
- All parts are made of solid brass or bronze

Farmers! Factories and industrial shops! Garages, repair, and welding shops! Scrap dealers! What you've been looking for...a super quality oxy-acetylene welding outfit at a price you can afford. Pays for itself many times over.

Framers—wine making is easy! With this unit and the Welders’ Handbook (included) plus only a little practice, you’ll be able to do your own welding. Readily portable...use it anywhere, even where electricity is not available. Make field repairs...no need to bring work to shop.

Extra heavy duty construction...has exclusive features found in no other welder! Balanced pressure non-flash mixer is beyond head of torch. Handle for maximum safety. All parts are brass, bronze, or other non-ferrous metals.

Chart below shows some of the important features of the CRAFTSMAN Welder, compared with other leading brands. Check these, please! See why CRAFTSMAN has become standard equipment in so many welding shops throughout America.

Here’s PROOF that CRAFTSMAN Welders give you more for your money!

99 A 05442—Complete Unit, as above. Shipping weight 25 lbs. $63.30
99 A 5410—Flux only. Can be used for all kinds of acetylene welding. Shipping weight 2 lbs. $7.75

CRAFTSMAN Oxy-Acetylene Welding Attachments and Accessories

Assorted Welding Rods. A complete selection that permits you to do oxy-acetylene welding of bronze, cast iron, brass, bronze, or other non-ferrous metals. Each $2.35

99 A 05442—Complete Unit, as above. Shipping weight 25 lbs. $63.30
99 A 5410—Flux only. Can be used for all kinds of acetylene welding. Shipping weight 2 lbs. $7.75

CRAFTSMAN Oxy-Acetylene Welding Attachments and Accessories

CRAFTSMAN Cutting Attachment. Approved by Underwriters’ Laboratories, Inc. Use with welders’ outfit 99A05442 above. Replaces mixing attachment. Use in place of film. With one B tip wrench, instructions. 9 A 5444—Shipped wt. 2 lbs. 12 oz. $15.85

CRAFTSMAN Cutting Tips. For use with 9A5444 cutting attachment listed above. 9 A 5444—State size wanted. Each $2.35

CRAFTSMAN Welding Tips. Heavy, one-piece solid drawn copper. Polished finish. Use with 99A05442 listed above, or with 9A5444 listed at right. Shipping weight each 4 oz. 9 A 5441—State size wanted. Each $1.45

CRAFTSMAN Welding Tips. Heavy, one-piece solid drawn copper. Polished finish. Use with 99A05442 listed above, or with 9A5444 listed at right. Shipping weight each 4 oz. 9 A 5441—State size wanted. Each $1.45

12-inch Mixing Chamber. Solid drop forged bronze construction. Geometrical type. Necessary when using 9A5441 welding tips, sizes AA-6, AA-7 or AA-8 listed at left. 9 A 5443—Shipped wt. 13 oz. $6.25

Oxygen Regulator. Approved by Underwriters’ Labs, Inc. 0 to 80 and 0 to 3000-lb. pressure range. Guaranteed accurate. 99 AM 5430—Shipped weight 6 lbs. $16.85

High-pressure Oxygen Regulator. Approved by Underwriters’ Laboratories, Inc. Use to cut metal thicker than 3 lbs. With 0 to 300 and 0 to 3000-lb. gauges. Delivery pressure adjustable from 0 to 150 lbs. Shipped from factory in Chicago; you pay shipping charges from there on delivery. 99 AM 5489—Shipping weight 6 lbs. $16.85

Acetylene Regulator. Approved by Underwriters’ Laboratories, Inc. 0 to 80 and 0 to 3000-lb. pressure range. Guaranteed accurate. 99 AM 5439—Shipping weight 6 lbs. $16.85

9 A 3414—Adapter for Prest-O-Lite to Acme or hand. Length wanted. 9 A 5439—Shipping weight 6 lbs. $16.85

1/4-inch Green Oxygen Hose. With connections. State length wanted. 9 A 5437—1/4-inch feet. Shipping weight 1 lb. 12 oz. $1.50

1/4-inch Red Acetylene Hose. With connections. State length wanted. 9 A 5436—1/4-inch feet. Shipping weight 1 lb. 12 oz. $1.50

CRAFTSMAN Hose-Fitting Set. Use with Prest-O-Lite cylinders to solder, braze, burn paint, etc. Operates on acetylene only. Requires pressure up to 4 lbs. for use in connection with oxygen or air pressure. Includes: handle; three heating tips; soldering copper; paint burning tip; tank connection; tip cleaner; 5 ft. rubber hose; and simple instructions for using. Complete—there are no extras to buy. 9 A 5446—Shipping weight 2 pounds. $6.85
CRAFTSMAN Industrial A. C. Electric Arc Welders

- CRAFTSMAN arc welders are tested and approved by Underwriters' Laboratories, Inc.
- Coils are thoroughly insulated with spun glass, dipped in varnish, then baked.
- Metal panels, cabinets are fire, dirt, dustproof. Built-in recvant maintains steady arc.
- Has high power factor transformer for greater efficiency, reduced current consumption.
- Range of current outlets allow cutting, brazing, soldering, welding any thickness of metal.
- Maximum heat at arc with minimum current consumption! Natural draft cooling...no fans, no heat.
- Leads for A.C. connection. With 5-lb. assorted welding electrodes, wire brush, carbon electrode, electrode holder, two 15-ft. cables, welding helmet, and illustrated manual (9A302S at bottom of page). For use on a 110-volt, 60-cycle A.C. only. Be sure to check voltage, cycle, phase, and capacity of your power line.

SPECIFICATIONS:
- Maximum amperes actual welding current delivered: 200 amperes
- Welding heats available (actual welding current): Eighteen; 20 to 200 amperes
- Maximum rod size: 1/4 inch
- Type of service: Continuous
- Current supply required: Single phase 220-240 volt, 60 cycle
- Maximum line draw: 245 volts, 125 ampere
- Maximum kilowatt-hour: 10,000
- Maximum kilovolt-ampere: 20,000
- Cabinet dimensions: Width - 20 inches, Depth - 21 inches

Twin Carbon Torch...Electrodes

- CRAFTSMAN Twin Carbon Torch, Industrial type. For brazing, soldering, heating, etc., for A.C. arc welders. Balanced, 1.5% in. 9 A 2006 - Shipping weight 100 oz. $14.95

Cored Carbons. For twin carbon torches.
9 A 2009 - 1/16 in. Shipping weight 2 oz. Each 11c
9 A 2010 - 1/16 in. Shipping weight 2 oz. Each 13c
9 A 2011 - 1/16 in. Shipping weight 2 oz. Each 13c
9 A 2012 - 1/16 in. Shipping weight 2 oz. Each 13c
20 lbs. Electrode Assurance. About 300 assorted rods for use with A.C. or D.C. welders. (D.C. reverse polarity). Includes 5 lb. of cored carbon. Cored carbon is a better conductor, is easier to work with.
9 A 2024-S - Shipping weight 32 lbs. $7.95

CRAFTSMAN Welding Electrode. Flux coated for use on all electrodes. Arc start. 5 oz. box. Shpg. wt. 2 lbs. 4 oz.
9 A 2008 - For use on mild steel, State size wanted.
2 lbs. 3 oz. $3.98
3 lbs. 2 oz. $4.98
5 lbs. 12 oz. $5.98
9 lbs. 12 oz. $6.98

Industrial Welding Helmets
- Fabricated fiber construction. Friction joint makes helmet readily adjustable in "on" or "off" positions. With clear cover glass and No. 10 filter, both side view and top view.
9 A 1228 - Shpg. wt. 2 lbs. 2 oz. $8.95
9 A 1227 - No. 10 shade Filter Lens. For 250 to 300 amp. $6.50
9 A 1228 - No. 13 shade Filter Lens. For 300 to 400 amp. $6.50
9 A 1229 - Clear Cover Glass. $4.95

Soldering Kit...Soldering Irons
- Silver Soldering Kit. Makes joints stronger than the metal itself. Assures unbreakable, leakproof joints. Use with brass, solder, acetylene torch or blowtorch. Requires heat of 1153°F. Includes 3 oz. bronze of flux, twelve 1-1/2-inch lengths of assorted silver solder rolls, and strap, instructions. Shipping weight 3 oz. $3.95
9 A 1277 - Shipping weight 3 oz. $1.39

CRAFTSMAN Electric Soldering Irons. Approved by Underwriters' Laboratories, Inc. Heat is quickly concentrated at point of copper tip by nickel-plated element wound on steel core. Has smooth hardwood handles; insulated cord with plug. For use on any 110-120 volt circuit.
9 A 1278 - For radio or electrical work. Has brass, 3 oz. black, 1/4-inch replaceable copper tip, 1/4 in. long. 9 A 1281 - Shipping weight 1 pound 8 ounces $3.50
9 A 1279 - Soldering iron. Has 3 oz. bronze of flux, 1/4-inch replaceable copper tip, 1/4 in. long. 2 oz. longed. $3.50
9 A 1282 - Shipping weight 1 pound 8 ounces $5.95

CRAFTSMAN, 100-watt. Similar to 9A1281 above, but for heavy duty use. Has 6 oz. replaceable copper tip, 1/4 in. long, 1/4 in. diameter. 9 A 1283 - Shipping weight 1 pound 8 ounces $6.00

DUNLOP Soldering Kit. Pistol grip 80-watt soldering iron has Bakelite handle; for 110-120 A.C. or D.C. Kit includes soldering iron with cord and plug; soldering past, wire solder and wire brush.
9 A 1277 - Shipping weight 1 pound 8 ounces $2.89

36-Page A. C. Welders' Manual

Learning to weld is easy with this new illustrated instruction book. You learn how to repair broken equipment or improve old equipment and build new devices for more efficient work. Contains 165 illustrations, clearly and fully described. Attractively paper bound.
9 A 2023 - $3.50
CRAFTSMAN V-Pulleys... Precision balanced... Smooth running

CRAFTSMAN pulleys are scientifically designed for greatest working efficiency and are accurately made to give top working performance from your machinery or power tools. All belt grooves are painstakingly machined to run true. All bores are reamed to exact size. Diameters in the table listings below refer to outer edge of pulleys, not to bottom of the groove.

Before ordering, carefully check diameter and bore size wanted.

CRAFTSMAN single groove V-Pulleys
Made of tough alloy die cast metal. Strong, long-lasting design is built for highest efficiency. Each pulley incorporates positive locking of pulley on shaft. For 3/4-inch (0 section) or 3/4-inch (A section) V-belts, except 9A2800, which is for use with 3/4-inch (0 section) belt only. Be sure to state bore size and check diameter.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Diameter</th>
<th>Bore, inch</th>
<th>Shpg. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9A2800</td>
<td>1-1/8</td>
<td>0.125</td>
<td>0.068</td>
<td>3 oz</td>
</tr>
<tr>
<td>9A2801</td>
<td>1-1/8</td>
<td>0.125</td>
<td>0.068</td>
<td>3 oz</td>
</tr>
<tr>
<td>9A2802</td>
<td>1-1/8</td>
<td>0.125</td>
<td>0.068</td>
<td>3 oz</td>
</tr>
<tr>
<td>9A2803</td>
<td>3-1/8</td>
<td>0.25</td>
<td>0.17</td>
<td>6 oz</td>
</tr>
</tbody>
</table>

CRAFTSMAN single-groove V-Pulleys
Made of heavy cast iron. Heavy duty for production work in the shop, household or on the farm. Use to replace single groove V-pulleys on any type electric motor or gas engine. Positive-grip grooves are expertly machined and bores are accurately reamed. CRAFTSMAN single groove V-pulleys have dished head, hardened set screw. Standard keyways in 3/4-inch or larger bores. The grooves for 3/4-inch (0 section) or 3/4-inch (A section) wide V-belts. Order by catalog number and please state clearly the size of bore which you require.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Diameter</th>
<th>Bore, inch</th>
<th>Shpg. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9A2880</td>
<td>1-1/8</td>
<td>0.125</td>
<td>0.08</td>
<td>5.5 oz</td>
</tr>
<tr>
<td>9A2881</td>
<td>2</td>
<td>0.25</td>
<td>0.17</td>
<td>6 oz</td>
</tr>
<tr>
<td>9A2882</td>
<td>3</td>
<td>0.375</td>
<td>0.31</td>
<td>6 oz</td>
</tr>
<tr>
<td>9A2883</td>
<td>4</td>
<td>0.5</td>
<td>0.5</td>
<td>6 oz</td>
</tr>
</tbody>
</table>

CRAFTSMAN cone-type V-Pulleys
Made of tough alloy die cast metal. Use in pairs for variable speed applications. Three and four step. CRAFTSMAN cone set screw locks pulley on shaft. For 3/4-inch (0 section) or 3/4-inch (A section) V-belts. Have 3/4, 5/4 or 3/4-inch bore. State bore size.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Diameter</th>
<th>Bore, inch</th>
<th>Shpg. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9A2788</td>
<td>3/4</td>
<td>0.75</td>
<td>0.12</td>
<td>$1.25</td>
</tr>
<tr>
<td>9A2792</td>
<td>4</td>
<td>1.5</td>
<td>0.25</td>
<td>1.50</td>
</tr>
</tbody>
</table>

Here's What CRAFTSMAN Means To You!

The pulleys on this page are perfect examples of another way you save when you choose CRAFTSMAN. These pulleys were designed to fit CRAFTSMAN and other makes of tools. Likewise, V-Belts on the facing page were manufactured to match perfectly CRAFTSMAN pulleys, or any other make of any corresponding size. That's why it's always smart to choose from CRAFTSMAN—Quality, economy, low cost, low upkeep, and quality merchandise. And you're sure parts can be matched exactly from CRAFTSMAN replacements and accessories.

Table of Pulley Speeds
Use this table to determine the speed of your machine with varying sizes of motor and machine pulleys. Figures given are for use with belt at proper tension and a standard motor speed of 1750 R.P.M.

<table>
<thead>
<tr>
<th>Diameter of Driving or Motor</th>
<th>Diameter in inches of Machine or Drive Pulley</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2100</td>
</tr>
<tr>
<td>2 1/4</td>
<td>2100</td>
</tr>
<tr>
<td>2 1/2</td>
<td>2100</td>
</tr>
<tr>
<td>2 3/16</td>
<td>2100</td>
</tr>
<tr>
<td>2 3/8</td>
<td>2100</td>
</tr>
<tr>
<td>2 5/8</td>
<td>2100</td>
</tr>
</tbody>
</table>

EXAMPE—The machine has a 1-inch pulley and should run 3450 or 3500 R.P.M. What size pulley should be used with a 1750 R.P.M. motor? From the above table, follow down the vertical 2-inch column to the speed of 3450, then to the left in columns headed "Diameter of Driving or Motor Pulley." The answer is a 4-inch diameter pulley is required.

How to figure pulley diameter for engine. Multiply diameter of driven pulley by speed (R.P.M.) of driven machine. Divide result by the speed (R.P.M.) of engine. Result is diameter of engine pulley.

How to figure machine pulley diameter. Multiply diameter of engine pulley by speed (R.P.M.) of engine. Divide result by speed (R.P.M.) of engine pulley. Result is diameter of machine pulley.
V-Belts . . Built for maximum power transmission

CRAFTSMAN V-Belts are highest quality . . . expertly made from the finest materials available in order to give you the utmost in satisfaction. Each belt has an extra heavy, closely woven cotton jacket wrapped around pliable, heat-resistant rubber. Reinforcing cords are pre-treated in liquid rubber.

3/4-inch V-Belts

CRAFTSMAN quality. Correct size for use on drives over small diameter pulleys. See "How to Measure" above.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Length</th>
<th>Shop. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 A 1532</td>
<td>35 in.</td>
<td>3 oz.</td>
<td>50c</td>
</tr>
<tr>
<td>9 A 1534</td>
<td>27 in.</td>
<td>5 oz.</td>
<td>60c</td>
</tr>
<tr>
<td>9 A 1536</td>
<td>25 in.</td>
<td>6 oz.</td>
<td>0.50</td>
</tr>
<tr>
<td>9 A 1538</td>
<td>23 in.</td>
<td>6 oz.</td>
<td>0.50</td>
</tr>
<tr>
<td>9 A 1540</td>
<td>22 in.</td>
<td>7 oz.</td>
<td>0.75</td>
</tr>
<tr>
<td>9 A 1542</td>
<td>20 in.</td>
<td>8 oz.</td>
<td>0.75</td>
</tr>
<tr>
<td>9 A 1544</td>
<td>19 in.</td>
<td>8 oz.</td>
<td>0.75</td>
</tr>
<tr>
<td>9 A 1546</td>
<td>18 in.</td>
<td>9 oz.</td>
<td>0.75</td>
</tr>
<tr>
<td>9 A 1548</td>
<td>17 in.</td>
<td>10 oz.</td>
<td>0.75</td>
</tr>
<tr>
<td>9 A 1550</td>
<td>16 in.</td>
<td>11 oz.</td>
<td>1.00</td>
</tr>
</tbody>
</table>

1/2-inch V-Belts . . . for most applications with V-pulleys

Genuine CRAFTSMAN quality. The correct size for most applications with V-pulleys. 2 inches in diameter or larger. Gives positive non-slip grip along sides of V-pulley grooves. Be sure to order the correct size V-belt. See "How to Measure" above or at left.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Length</th>
<th>Shop. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 A 1622</td>
<td>37 in.</td>
<td>6 oz.</td>
<td>0.75</td>
</tr>
<tr>
<td>9 A 1624</td>
<td>35 in.</td>
<td>7 oz.</td>
<td>0.75</td>
</tr>
<tr>
<td>9 A 1626</td>
<td>34 in.</td>
<td>8 oz.</td>
<td>0.75</td>
</tr>
<tr>
<td>9 A 1627</td>
<td>33 in.</td>
<td>8 oz.</td>
<td>0.75</td>
</tr>
<tr>
<td>9 A 1628</td>
<td>32 in.</td>
<td>9 oz.</td>
<td>0.75</td>
</tr>
<tr>
<td>9 A 1629</td>
<td>31 in.</td>
<td>10 oz.</td>
<td>0.75</td>
</tr>
<tr>
<td>9 A 1630</td>
<td>30 in.</td>
<td>11 oz.</td>
<td>1.00</td>
</tr>
<tr>
<td>9 A 1631</td>
<td>29 in.</td>
<td>12 oz.</td>
<td>1.00</td>
</tr>
<tr>
<td>9 A 1632</td>
<td>28 in.</td>
<td>13 oz.</td>
<td>1.00</td>
</tr>
<tr>
<td>9 A 1633</td>
<td>27 in.</td>
<td>14 oz.</td>
<td>1.00</td>
</tr>
<tr>
<td>9 A 1634</td>
<td>26 in.</td>
<td>15 oz.</td>
<td>1.00</td>
</tr>
<tr>
<td>9 A 1635</td>
<td>25 in.</td>
<td>16 oz.</td>
<td>1.00</td>
</tr>
<tr>
<td>9 A 1636</td>
<td>24 in.</td>
<td>17 oz.</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Set Screws, Wrenches


<table>
<thead>
<tr>
<th>Diameter (in.)</th>
<th>Length (in.)</th>
<th>Shop. wt. (oz.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4</td>
<td>3</td>
<td>0.05</td>
</tr>
<tr>
<td>5/32</td>
<td>3</td>
<td>0.05</td>
</tr>
<tr>
<td>3/32</td>
<td>3</td>
<td>0.05</td>
</tr>
<tr>
<td>1/8</td>
<td>3</td>
<td>0.05</td>
</tr>
<tr>
<td>5/32</td>
<td>2.4</td>
<td>0.05</td>
</tr>
<tr>
<td>3/32</td>
<td>2.4</td>
<td>0.05</td>
</tr>
<tr>
<td>1/8</td>
<td>2.4</td>
<td>0.05</td>
</tr>
</tbody>
</table>

Pulley Remover

An excellent tool for removing small V-drive pulleys when broken fast on electric motors or other power tool shafts, and for removing drive pulleys. Fits single or multiple groove pulleys, gears, bearings, etc. Eliminates the danger of pulling on outer flange. Easy to operate. Just clamp in V-groove of sheave or pulley. The pulling strain is distributed evenly around the circumference. Gives a positive non-slip grip. Has capacity of 1/4 to 1/4-inch. Heavy steel construction.

Here's your opportunity to set up a power tool shop in your home workshop at an extremely low cost. With this line shaft it is possible to drive a number of tools with one motor. Exceptionally high quality throughout. Precision built to assure utmost accuracy. For best results we recommend a 1/4-H.P. motor or larger for line shaft driving.

Steel Line Shaft. Use 1/4-inch line shaft for light tools; 3/8-inch line shaft for heavier machines and larger motors.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Length</th>
<th>Shop. wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 A 2826</td>
<td>6</td>
<td>1.50</td>
</tr>
<tr>
<td>9 A 2827</td>
<td>7</td>
<td>2.00</td>
</tr>
<tr>
<td>9 A 2828</td>
<td>8</td>
<td>2.50</td>
</tr>
<tr>
<td>9 A 2829</td>
<td>9</td>
<td>3.00</td>
</tr>
<tr>
<td>9 A 2830</td>
<td>10</td>
<td>3.50</td>
</tr>
<tr>
<td>9 A 2831</td>
<td>11</td>
<td>4.00</td>
</tr>
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Flexible Coupling. Used to connect motor shaft to line shaft. Self-adjusting for slight misalignment. Steel where you want it, 3/8 or 3/4-inch size.

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Brass Bearing Shaft Housing. Adjustable for perfect shaft alignment. 3/8-inch hangers should be spaced every 18 inches; 3/4-inch hangers should be spaced every 24 inches for best results.

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Bearing Block. Used as end support for line shaft. Long-life bronze bearing.

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Line Shaft Collars. Prevent endwise "drift" of shaft.

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Line shaft and Line shaft Accessories
CRAFTSMAN 50-inch Flexible Shaft Set

Such a useful addition to your shop, you'll wonder how you ever got along without it! Makes grinding, sanding, cleaning, polishing, drilling far easier. Set includes the following:

Flexible Shaft. 50 inches long over-all; fits 5/4-inch motor shaft. Precision castings have a 2-layer steel consisting of an inner layer of tempered spring steel and an outer layer of soft steel. Ball bearings in ball race and in motor coupling. Aluminum alloy housing. Black, rust-resistant steel end fittings. Has 5/4-inch core of multiple strands, helically-wound high carbon steel wires. Spindle is 5/4-inch by 10-thread.


Buffing Equipment. 6-in. double-thickness sealed buff; 6-in. bar of rouge buffing compound for soft, nonferrous metals; 5-in. bar of Tri-Tool (brown) buffing compound for aluminum, brass, wood, plastics, etc. Also 4-in. rubber and abrasive polish wheel; 5-in. thick, 5-in. bore; 5-in. flexible sanding drum with medium grit abrasive; 2-1/2-inch screw-on type, 5/4-inch capacity.

99 A 2631—Complete set, with motor. Wt. 31 lbs. $29.25
99 A 2632—Complete set, without motor. Wt. 8 lbs. 14.50
99 A 2633—CRAFTSMAN 50-inch Flexible Shaft without motor. Shipping weight 6 lbs. 10.85
99 A 2635—Flexible Shaft Extension (not shown). 38 inches long. Same construction as above flexible shaft. Without hand piece or motor coupling. Shipping weight 3 lbs. 2 oz. $3.00
99 A 2636—Extra Core for above flexible shaft or extension. Shipping weight 1 lb. 2 oz. 2.40

CRAFTSMAN 72-inch Flexible Shaft

Extra long... and tough. Ideal for heavy duty use in garages, shops, factories and industrial plants... it's an indispensable multi-use tool.

Chrome plated steel handle and motor coupling both have extra large precision ball bearings for smoother operation and longer wear. Knurling on hand piece gives firm, non-slip grip. Black, rust-resistant steel end fittings.

Flexible shaft 72-inch. Fits 1/4-inch motor shaft. Spindle is 5/4-inch, 20-thread. Core is of 5/4-inch high carbon steel wire, helically-wound, multiple-strand. Inner casing is of helically wound steel, covered with heavy, abrasion-resistant synthetic rubber jacket... steel impregnated... will not scratch surfaces.

Unusually flexible! Absolutely leakproof! Supports core evenly. The spiral steel core finishes outer reinforcement in place of shaft protects jacket. Complete with casing, core, motor coupling, hand piece and simple instructions for correct usage.

99 A 2635—CRAFTSMAN 72-inch Flexible Shaft without motor. Wt. 12 lbs. $128.95
99 A 2638—CRAFTSMAN 72-inch Flexible Shaft with 34-H.P. 1750 R.P.M., capacitor ball bearing motor for 110-120-volt, 60-cycle A.C. Shipping weight 46 pounds. $158.50
99 A 2639—Extra Core for above flexible shaft. Shipping weight 3 lbs. 4 oz. 7.75

Sears Easy Terms make it easy to buy all the tools you need for a complete shop NOW! For details see inside back cover.

CRAFTSMAN Portable Flexible Shaft Outfits

A CRAFTSMAN Portable Flexible Shaft Outfit. Roll it right to your work... on easy-rolling swivel casters! Outfit includes: 50-inch Flexible Shaft (99 A 02633 listed below), 220-volt, 60-cycle A.C. with cord and plug; and portable stand (99 A 02632 listed below). Wt. 18 lbs. 25.50

99 A 2065—Shipping weight 45 pounds. Complete... $29.95

CRAFTSMAN Portable Flexible Shaft Stand. For use with any CRAFTSMAN Flexible Shaft and motor. Adjustable height. Mounted on four swivel casters, two with locks. Two-speed motor operation suitable for sanding, polishing, etc., by mounting mandrel (not included).

99 A 02602—Shipping weight 19 lbs. Stand only... $10.95

CRAFTSMAN Multi-Speed Flexible Shaft Outfit. This handy outfit rolls on ball bearing swivel casters! Outfit includes: Flexible Shaft, complete with 220-volt, 60-cycle A.C. with cord and plug; and portable stand. Wt. 35 lbs. $65.95

99 A 02635—Shipping weight 44 pounds. Complete... $50.95

CRAFTSMAN Portable Boss. Stamped steel base; three ball-bearing swivel casters can be tilted 45°, on and two wheels. Holes drilled for mounting multi-speed attachment (slotted below) and 5/4-inch 34-H.P. motor. Wt. 22 lbs. 35.95

99 A 02626—Shipping weight 6 pounds. Base only... $3.35

CRAFTSMAN Multi-Speed Device. Use with portable base above; 5/4-H.P. and 34-H.P. motor; and CRAFTSMAN 50 or 72-inch Flexible Shaft (described at top of page). Has three speeds adjustable 875, 1750, and 3450 RPM, by varying the speed of the motor. Ball bearing shaft; floating motion mount. Height 125 in. Complete with 2 cone-type pulleys, V-belt, bolts, etc.

99 A 2631—Shipping weight 8 pounds. Attachment only... $21.95

CRAFTSMAN 60-cp. Rotary Cutter Set. Use with Flexible Shafts, electric drills, etc. For milling, sanding, dremeling, etc. High-speed steel, heat treated, 45°-inch diameter shanks. Wt. 1.6 lbs. 6.00

99 A 2637—Shipping weight 1 lbs. 10 oz. $5.75

CRAFTSMAN Wheel Grounder. Fits any Flexible Shaft with 34-H.P. or 34-H.P. (1) 34-H.P. motor. Wt. 1 lbs. 3 oz. $6.00

99 A 2637—Wt. 1 lbs. 2 oz. $6.30

CRAFTSMAN Wheel Grounder. Fits any Flexible Shaft with 15-inch diameter shank. Wt. 1 lbs. 3 oz. $6.00

CRAFTSMAN Angle Head. Ideal for sanding, polishing. Cast aluminum head; all bearings take thrust; needle bearings take radial load. Fits 99 A 02635 and 99 A 2638. Wt. 1 lbs. 8 oz. $5.75

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New Craftsman Sander Polisher Massager

Improved! Twice as much POWER . Improved! “Dual-arc” motion produces uniform finish
No motor to buy! No oiling! Just plug it in . . . and it goes to work . . .
Dozens of handy uses

Polish your car—amazingly easy!
No tiresome pressing! All you do is guide it
Lightweight for vertical sanding
Excellent for body massaging
Stroke adjuster for efficient operation
Handy push-button on-and-off switch

We believe it FAR superior to similar tools
Put away the “elbow grease!” This new, improved CRAFTSMAN Sander-Polisher-Massager turns those tedious, hard-work jobs into child’s play. No rubbing! No pressing on tired arms! Weight of tool does the work, you just guide it. Improved heavy-duty reaction type motor gives twice as much power as before . . . does more work faster . . . never needs oiling. Improved “Dual-arc” motion moves sanding plates in an arc, sand both with and across the grain without leaving scratches. 14,400 strokes per minute turns out super-smooth, uniform finishes. “Dual-arc” motion throws off sanding dust. Stroke adjuster for maximum efficiency.

Use for sanding furniture, woodwork, workshop projects, hard-to-reach corners, tight places, and other fine finishing work. Light enough for vertical sanding without undue fatigue (actual weight 3 lbs. 12 oz.). Puts high gloss finishes on hard or soft woods, plastics, and similar materials. Not for removing paint, varnish, or deep scratches. Uses open coated, lightweight backing type sandpaper no coarser than No. 80. Spring clamp holders let you change sandpaper or polishing pads in a few seconds.

Use for buffing and polishing your car, furniture, woodwork, silverware; for surfaces that are shellacked, varnished, painted, enamelled, waxed—every surface. Excellent for body massaging (using either lamb’s wool or velour pad).

Approved by Underwriters’ Laboratories . . . the entire tool, not just the cord! Die cast housing. Gray baked enamel finish. Bake-lit handle. Plug and 6-ft. cord with reinforced sleeve at strain point (next to tool). Can be used with any ordinary extension cord. Length 5 1/2 ft., width 2 1/4 in., height 4 1/4 in., For 110-120 volt 60-cycle A.C. only. With 9 extra sanding sheets. Comes with merit, medium, coarse, a lamb’s wool polishing pad, a velour polishing pad, and complete instructions. Order yours today.

9 A 2627—Shipping weight 4 pounds 6 ounces $16.50
9 A 2782—Extra lamb’s wool polishing pad. Ship. wt. 2 oz. 45c
9 A 2783—Extra velour polishing pad. Ship. wt. 2 oz. 25c
9 A 2784—Extra sanding sheets. Fine, medium, or coarse. State grit. Ship. wt. 2 oz. Package of 12 of any one grit. 10c

SEARS EASY PAYMENT PLAN

It is possible to equip a complete power tool workshop for only a few dollars down on Sears Easy Payment Plan. You can carefully plan your shop and buy all the tools you need NOW . . . all at one time . . . and pay for the shop while you are using it. You can buy anything in this catalog on Easy Terms if your purchase totals $20 or more. It takes only 10% down payment with your purchase, and the balance in convenient monthly payments. See the table below for the amount of monthly payments. Any of our salespeople will be glad to give you further information about Sears Easy Payment Plan.

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CRAFTSMAN
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