Here's what you can do with a 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! Extraordinary 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 vibrations and jerking of motor.

Table never tilts...works always 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.

CRAFTSMAN "100" 10-in. Tilting-Arbor Bench Saw

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


99 AM 2752 — Without guard assembly, motor, side extensions, or bench. Shipping weight 157 pounds. $92.00

99 AM 2753 — With Craftsman 15-H.P., 3450 R.P.M. ball-bearing capacitor motor (for 110-120 volt 60-cycle A.C.). Shipping weight 201 pounds. $130.95

99 AM 2754 — With Craftsman 1-H.P., 3450 R.P.M. ball-bearing capacitor motor (for 115-230 volt 60-cycle A.C.). Shipping weight 287 pounds. $149.95

99 A 02769 — 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. Side extension. Size 27x10 in. Shipping weight 30 pounds. $19.95

99 A 021620 — Power Tool Bench. (Described on page 11.) 18 in. long. Height adjustable. With 2 cross slide rails. Shipping weight 24 pounds. $10.50

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See top of these two pages for some of the things you can do with this saw. Because of its tilting-arbor features, you can also perform many other useful operations, bevel, edge, and core cut, rebates, bevel and tongue and groove joints, use sanding and grinding wheels (see pages 4 and 30), and cut metals, plastics, brick, stone and concrete with special cutoff wheel (see page 4).
..the most useful tool in your workshop!

SPECIFICATIONS
- Depth of cut, maximum ....... 3/4 inches
- Type of blade ............... Combination
- Blade size ................. 10-inch diameter; 7/16-inch bore
- Table size ................. 27 inches long; 20 inches wide
- Table height ............... 12\(\frac{1}{2}\) inches
- Table tilt (maximum) ...... 45 degrees
- Length of fence ............ 32\(\frac{1}{4}\) inches
- Base size .................. 14\(\frac{1}{2}\) inches wide; 10\(\frac{1}{4}\) inches long
- Dado capacity (using 6-in. dado saw): width 1\(\frac{1}{2}\) inches depth 1\(\frac{1}{6}\) 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 (minimum) .... 1/4-H.P. 3450 R.P.M.
- Machine pulley (included) .... 2\(\frac{1}{4}\) inches
- Motor pulley (included) .... 2\(\frac{1}{4}\) inches
- V-belt (included) ........ 43 inches long; 3\(\frac{1}{2}\) inch wide
- Mounting dimensions (hole centers) .... 11\(\frac{1}{2}\) x 13\(\frac{1}{4}\) in.
- Over-all dimensions. Height 18\(\frac{1}{4}\) inches; width 21\(\frac{1}{4}\) inches; length 33\(\frac{3}{4}\) inches

Here's why the CRAFTSMAN "100" can provide faster, easier, more accurate work!

Now! Settle down to work like you've never enjoyed before! Here's a whole shopful of tools in one compact, budget-priced unit ... designed for men who insist on professional quality work. Work goes much faster with this CRAFTSMAN "100" because only brief adjustments of accessories are necessary for the next step on your job. And work gone much easier! Enjoy an increased working surface, from blade to front of table; tilting Arbor provides an always-level working surface; all hand-wheel controls are conveniently located; and even the rip fence is designed for more convenience. Unmistakably you'll find your work much more accurate than ever before ... you just can't miss! So don't delay! Order your CRAFTSMAN "100" now!

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 belt; motor tilts with blade!

WORK AREA INCREASED! This great saw now has increased working surface from blade to front of table ... now 13\(\frac{3}{4}\) inches, or full depth of cut! This lets you cut 12-inch boards with little or no front overhang, is much handier, and makes your work more accurate!

DOUBLE ROW HEAT-TREATED, TEMPERED, PRECISION-GROUND BALL BEARINGS. Securely greased-sealed against dirt, moisture, etc. Fully lubricated for life ... NEVER need additional lubrication. Provide much smoother, easier operation ... assure much longer work life!

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

RIP FENCE IS HANDIER! Improved rip fence is movable 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!

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. Simply mount Power-Panl on bench. Protects operator from reaching over moving parts to turn motor on or off. Fits Power Tool Benches on page 11. Also has brackets for adapting to other metal or wood benches. U.L. approved, 1-H.P. rated switch. Has one double-prong receptacle for receiving power, and 2 cube taps for plugging in motor and tool light. 125-150 volts A.C. or D.C. Shipping weight 1 pound.

B. Dado Insert. For CRAFTSMAN "100" Tilting-Arbor Bench Saw on opposite page. Automatic leveling guard tilts with blade; has transparent plastic insert ... protects operator ... provides full view of work. Complete with guard, splitter, splitter bracket, and non-kickback paws. Send in your order now! Shipping weight 6 pounds.


D. Saw Guard Assembly. For CRAFTSMAN "100" Tilting-Arbor Bench Saw on opposite page. Automatic leveling guard tilts with blade; has transparent plastic insert ... protects operator ... provides full view of work. Complete with guard, splitter, splitter bracket, and non-kickback paws. Send in your order now! Shipping weight 6 pounds. 9 A 2791. $9.25

9 A 2120. $3.95

9 A 2925. $0.25

Note 1: POWER TOOLS - 1
Replacement blades are available for these bench saws. High quality 8-inch replacement blades can be found on page 6 of this catalog. Dado cutters are on page 7 of this catalog.

**DUNLAP 8-in. Bench Saw**

**SPECIFICATIONS:**
- Depth of cut: 2 7/8 inches
- Blade: 8-inch plain tooth combination with 1/4-inch bore
- Table size: 17 1/2 x 17 1/2 in.
- Base size: 17 1/2 x 17 1/2 in.
- Dado capacity (maximum) with 6-inch head: width 1 3/4 inches, depth 1 1/2 in.
- Tapered arbor speed (approximate): 5500 R.P.M.
- Motor recommended (minimum): 3/4-HP, 1500 R.P.M.
- Machine pulley (included): 4 in.
- Overall dimensions: 21 1/2 inches high, 15 inches wide; 20 3/4 inches long

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

Large 17 x 15-in. smooth ground cast-iron table! Porous bronze bearings; oil well between spindle bearings. Saw carriage mounted underside of table. One-hand wheel, raises, lowers, locks 8-in. plain tooth combination rip and crosscut blade. 83/4-in. clearance in front of blade. Miter gauge may be used either side. Insert removable for dadoing. Adjustable guard swings up... out of way. Self-aligning rip fence may be used either side; locks at both ends. Neither table nor arbor tilts. Heavy stamped steel base. Complete with guard, miter gauge, splitter, rip fence, blade, instructions. It's the lowest price we know of for a saw of such quality.

**$18.50** With motor, bench, motor pulley, floating rail or V-track.

Shipping weight 42 lbs.

**A 92256—Power Tool Bench.**

**$18.50** With motor, bench, motor pulley, floating rail or V-track.

Shipping weight 28 lbs.

**A 2377—Floating Motor Rail.** Use one motor for several saws. See from tool to tool. Floating motor rail, one pair clips. Ship. wt. 1 lb. 13 oz.

**$1.00**

**Polishing Bonnet**

Downy-soft Lamb's Wool Polishing Bonnet. Here's the fast, easy way to do a fine polishing job on any surface. Quickly provides a bright, glossy, gleaming finish! Designed to fit over 8-inch polishing plates. Has 1 1/2 inches of tough, but very gentle... genuine Lamb's Wool. Withstands hard usage. Diameter 9 inches. Ship. wt. 8 oz.

**A 9259—Each $1.69**

Be sure to take advantage of Sears NEW Easy Pay Plan. You can pay for your tools as you use them! See inside back cover.

**Sanding Wheel**

Eight-in. diameter; 1/4 or 1/2-in. bore. Hard plastic disk is inserted; fits any 8-in. or larger bench saw, having 1/4 or 1/2-in. arbor. Has one medium and one coarse abrasive disc for wood, attached.

**A 92272—Sanding Wheel.** Ship. wt. 4 lbs. Each $2.50

Replacement Sanding Discs. (Not shown.) For A 92272 above. Eight-in. diameter in package of 6 (2 fine, 2 medium, 2 coarse). 10-in. diameter in package of 4 (1 fine, 1 medium, 2 coarse). Two-in. center hole fits over any arbor. Table size needed. See page 19273—Sanding wheel. Ship. wt. 10 oz. Price $9.95

**Cut-off Wheels**

Rubber bonded aluminum oxide. 1/8- or 1/4-in. thick. Use 1/16-in. or 1/8-in. belt. Table size, 3 1/2 x 8 1/2 in. (Use dry.) Shipping weight 1 lb.

**A 9648—For steel sheets or tubing, etc., (aluminum oxide).**

**$1.29**

Resin bonded. 1/8-in. thick. Use 1/16-in. or 1/8-in. belt. Table size, 3 1/2 x 8 1/2 in. (Use dry.) Shipping weight 1 lb.

**A 9649—For tile, porcelain, etc. (silicon carbide).**

**$1.39**

**Bayflex Abrasive Wheels**

It's cotton twined, aluminum oxide impregnated and resin bonded. Use instead of back saw, file, sharpening wheel or circular saw. 1-inch hole. Bushings furnished for smaller shafts.

**A 9628—State diameter, grit, hole size wanted.**

**$1.29**

**DUNLAP 8-in. Tilting-Table Saw**

**SPECIFICATIONS:**
- Depth of cut: 2 7/8 inches
- Blade: 8-inch combination type with 1/4-inch bore
- Table size: 17 1/2 x 17 1/2 in.
- Base size: 17 1/2 x 17 1/2 in.
- Dado capacity (maximum) with 6-inch head: width 1 3/4 inches, depth 1 1/2 in.
- Tapered arbor speed (approximate): 5500 R.P.M.
- Motor recommended (minimum): 3/4-HP, 1500 R.P.M.
- Machine pulley (included): 4 in.
- Motor pulley (not included): 4 in.
- Overall dimensions: 21 1/2 inches high, 15 inches wide; 20 3/4 inches long.

Table tilts to 45°. Efficient gear mechanism quickly and easily raises and lowers table on two heavy columns.

**$36.00** Cash

Without motor, bench or table extensions

**$400 Down... On Easy Terms**

**A 92146—Power Tool Bench.** (Described on page 11.) 2 extra cross slide rails (listed below) needed when used with above saw. Ship. wt. 24 lbs.

**A 9216—Extra Cross Slide Rails.** For above bench. Ship. wt. 3 lbs. Each...

**$8.50**
Fully Equipped CRAFTSMAN Tilting Arbor Bench Saw

A sensational value for an 8-inch tilting-arbor bench saw—one of our finest offerings! New methods of manufacture make possible this amazing price. IMPORTANT—don't confuse this great tool with other tilting-arbor saws selling in this price range. Its rugged quality and exceptional accuracy in operation are almost unbelievable!

Featuring drive motor mounting supports motor on a special mount on bench behind saw—smothers vibrations...permits easier tilting...eliminates need for special motor. (Just slip the belt off, pick up the motor, and use it on other power tools with our regular motor rail clips.)

Super-lubricated sealed precision ball bearings have larger oil chamber than are usually used—NEVER need further lubrication. These double-row ball bearings form integral unit with belt and prevent misalignment.

Greatly improved fence design. ONE lever locks fence at BOTH front and back. Fence moves directly against front of table instead of usual guide bar, for accuracy. Can be used on either side of blade. 17¼-inch table of cast semi-steel has top AND sides machined. Blade and arbor tilt together to any angle up to 45°; tables and ladders to vary depth of cut. Not a stripped model—complete with blade, guard, splitter, miter gauge, fence, and machine pulley. (Use minimum of ¾ H.P. motor; 2400 R.P.M. with 2¾-inch pulley and 40-in. belt; or 1750 R.P.M. with 3 in. pulley and 44-in. belt.)

SPECIFICATIONS.
- Depth of cut (maximum) 2¾ inches
- Blade... 8-inch 4-shaped
- Table size... 17½ inches wide x 14 inches high
- Table size... 17½ inches wide x 14 inches high
- Dado capacity (maximum) with 6-inch head, width 1¼ inches, depth 3¼ inches
- Bearings... Pre-lubricated, seated for life, double-row precision ball bearings
- Recommended arbor speed (approximate) 3600 R.P.M.
- Motor recommended (minimum) ¾ H.P.; 3400 R.P.M. or 1750 R.P.M.
- Machine pulley (included) 2½
- Motor pulley (not included) 2½-in. for 3400 R.P.M., 3-in. for 1750 R.P.M.
- 2½ H.P. 2722—Side Table Extension (2 shown on saw). For either side when extended 7½-in. wide. With bolts and fence extension. Shipped wt. 15 lbs. Each $2.95
- 2722—Steel Dado Insert. Shipping weight 7 oz.
- 20134K—Adjustable Steel Power Tool Bench. Height adjustable 22 to 32 in. 30 in. long; 16¼ in. wide. With 4 slide-rail supports. Gray enamel. Wt. 28 lbs. $51.95
- 2722—Steel Dado Insert. Shipping weight 7 oz.
- 20134K—Adjustable Steel Power Tool Bench. Height adjustable 22 to 32 in. 30 in. long; 16¼ in. wide. With 4 slide-rail supports. Gray enamel. Wt. 28 lbs. $51.95

Craftsman Mandrels
- $625
Size 00
- 2 in. Ball Bearing Mandrels. Oversized precision ball bearings; grease sealed inside for protection against dirt, moisture, etc. Streamlined cast iron housing. Improved compact design. Your choice of two sizes.
- A 4914—Size 00. 1¼-inch shaft turned to 3½-inch at ends. Threaded ¾ x 20. Length 9½ inches. Shipping weight 3 pounds 8 ounces. $6.25
- 2 A 4914—Size 00. ¾-inch, straight shaft; ends threaded ¾ x 20. Length 11½ inches. Shipped wt. 4 lbs. $6.25
- B 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 belt play. Oil plugs. 14 inches long overall. $4.29
- C 4914—Be sure to state size wanted when ordering.
- Size 00. ¾-inch shaft; turned to 3½-inch at ends. Threaded ¾ x 20. Shipped wt. 5 lbs. $3.50
- Shipping weight 6 lbs. $4.79

Heavy Duty Saw Mandrels
- $340
Size 00
- Precision built! Ball-bushed bearings. Machined steel collars. Cold rolled steel shaft. Set collar. With bolts. Size 00 has single V-pulley only. Order by catalog number and shaft size wanted.

Craftsman Miter Gauge
- $4.29
- Scaled from 30 to 90°. ¾ inch wide x ¾ inch thick x 15½ in. long bar fits in miter groove in table top. With adjustable stop rods for repetitive cuts.
- 2 A 2266—Shipping weight 4 pounds. $5.25
- 9 A 2725—Miter Gauge Stop Rods. Shipped wt. 12 oz. $8.95

NEW! Blade Sharpener
- $7.49
Now! Here's how you can swiftly and easily sharpen straight edge blades in your own workshop. New blade sharpener attachment for use on bench saws with miter grooves ¾ or 1¼ inch wide. Measures more than 5 inches from face of blade back up collar to center of left hand miter slot. The perfect instrument for quickly sharpening point-blade knives, wood chisels, plow and other straight edge cutting blades. Designed to achieve bevel edges, 25 to 40° angle, with precision hollow grinding. Strong, long-life construction! Rugged cast iron holder; sturdy steel guide bars. Use with 96412 Craftsman grinding wheels (1½ in.) on page 30. Shipped wt. 7 lbs. 4 oz.
- 9 A 2658. $7.49

Take advantage of Sears NEW Easy Payment Plan. Now lower down payments...easy terms! Pay for your tools as you use them. See inside back cover.
NEW!

$1.75 7-inch
$8.95 6½-inch

Look at this low price... this is a sensational value for an 8-tooth blade of this quality!

CRAFTSMAN Free Cut Saw

Here at last! Our new, low priced all-steel 8-tooth saw blade... for ripping and fast, rough cross-cutting. We've convinced it's one of the safest blades you can buy! Teeth project only .020 in. above non-cutting edge; reduce kickbacks, overfeeding, etc. Runs smooth and quiet. You get faster, easier cuts. Uses 30 to 40% less power than conventional multi-tooth blades. Tough, rugged special steel won't crack. Seven and eight-inch blades have 8 teeth; 10-inch blade has 10 teeth. Round arbors: 7- and 8-inch blades are bushed for either ⅜ or ⅜-inch; 10-inch is bushed for either ⅜ or ⅞-inch. CRAFTSMAN means finest professional quality!

CRAFTSMAN Carbide Tipped Saw

A Superior blade design... safer, because all teeth have tougher carbide tips. 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 resharpen at frequent intervals. Width of tooth (cut) is .108/116 in. on all diameter saw blades, except 10-inch diameter which has .118/120 in. tooth width. 10-inch also has step-down bushings of 1 ½ in. and 1 ¾ in.

Look at this performance record! One of these saws—10-inch blade—sawed over 27 miles of ¾-inch laminated wood without sharpening, until damaged by a steel object.

CRAFTSMAN 5-inch Molding Cutter Head

New! Fits most bench saws with ¾, ⅜, or ⅜-inch arbors. Has new rolle-vice grip safety lock for self-aligning blades... ensures easy blade replacement, accurate alignment. Fits most dado cutters. 3 slots in head hold bits.

CRAFTSMAN Dado Sets, Groover Saws... Grinding Wheels

CRAFTSMAN Dado Set. Our finest professional quality. For dadoing, grooving, rabbing, etc. Precision ground, perfectly matched cutters. Made of tempered steel. Each complete set includes: two ⅛-inch thick outside saws and five chippers (four ⅜-inch thick, and one ⅞-inch thick). Shipped in poplar, hardboard, 3 pounds 6 ounces.

DUNlap 5½-inch Dado Sets

Good quality sets. Many used. High carbon steel. Set includes two ⅝-inch thick outside saws, six ⅛-inch inside chippers.

See inside back cover for Sears Easy Terms.
Absolute accuracy! Saw teeth are machine cut

CRAFTSMAN Circular Saw Blades

Professional quality. Produced by improved machine methods that eliminate many costly hand processes. You pay less for a more accurate saw! Electrically controlled furnaces hold saws flat, temper them under pressure—give blades toughness, longer-lasting edges. Chrome-nickel-molybdenum steel; heat treated; evenly tensioned to run true in cut. Accurately ground.

CRAFTSMAN Crosscut and Rip Saws. Please be sure to state catalog number, center hole size, and diameter of saw wanted when ordering.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Gauge</th>
<th>Hole, In.</th>
<th>R.P.M.</th>
<th>Shipping weight</th>
<th>A 94925</th>
<th>A 94926</th>
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<tr>
<td>6 inches</td>
<td>18</td>
<td>5/16 or 5/8</td>
<td>7640</td>
<td>8 oz.</td>
<td>$1.69</td>
<td>$1.69</td>
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<tr>
<td>7 inches</td>
<td>18</td>
<td>5/16 or 5/8</td>
<td>6530</td>
<td>10 oz.</td>
<td>$1.97</td>
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<tr>
<td>8 inches</td>
<td>18</td>
<td>5/16 or 5/8</td>
<td>5780</td>
<td>11 oz.</td>
<td>$2.14</td>
<td>$2.14</td>
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<tr>
<td>10 inches</td>
<td>18</td>
<td>5/16 or 5/8</td>
<td>4580</td>
<td>12 oz.</td>
<td>$2.58</td>
<td>$2.58</td>
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<tr>
<td>12 inches</td>
<td>18</td>
<td>5/16 or 5/8</td>
<td>3820</td>
<td>11 oz.</td>
<td>$3.27</td>
<td>$3.27</td>
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</tbody>
</table>

CRAFTSMAN Flat-ground Combination Saws. For crosscutting, ripping or mitering. Specify center hole size and diameter of saw wanted.

<table>
<thead>
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<th>Gauge</th>
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<td>7640</td>
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<td>5/16 or 5/8</td>
<td>6530</td>
<td>10 oz.</td>
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<tr>
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<td>10 inches</td>
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<td>5/16 or 5/8</td>
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<td>12 oz.</td>
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<tr>
<td>12 inches</td>
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<td>5/16 or 5/8</td>
<td>3820</td>
<td>11 oz.</td>
<td>$3.27</td>
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</table>

CRAFTSMAN Hollow-ground Combination Saws. For fine woodworking... ripping, crosscutting or mitering. Single edge grinding gives free, easy cutting. Cuts smooth enough to glue work without sanding. Cuts slightly slower than flat-ground saws. Specify center hole size and saw diameter wanted.

<table>
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<tr>
<th>Diameter</th>
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"How to Sharpen" Instruction 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. Shipping weight 1 oz. 9 A 2924 ... 25c

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 free, easy cutting. Helps prevent rust. Easy to apply. Fast acting. Shipping weight 10 oz. 9 A 4918 ... 45c

CRAFTSMAN Nail-Cutting Blade... In our belief, the finest nail and wire-cutting blade you can buy!

With special-shaped arbor holes. Here is the nail-cutting blade you've always wanted! New, greatly improved tooth design—the result of many months' research—makes this what we believe to be the best nail-cutting blade on the market. Cuts lumber containing nails, wire, etc. Also makes an ideal all-around saw blade for rough work... BOTH ripping and crosscutting. Revolutionary construction. Carefully made of special high carbon saw steel; heat treated and properly tensioned for efficient performance. Comes in saw diameters, arbor hole sizes and angles as listed in table below. Compare quality... compare price... you'll see why we've convinced you can't buy a better nail-cutting blade anywhere!

Please be sure to state catalog number, and specify saw diameter, arbor hole diameter, and arbor shape wanted when ordering.

CRAFTSMAN Nail Cutter... In our belief, the finest nail and wire-cutting blade you can buy!

With special-shaped arbor holes. Here is the nail-cutting blade you've always wanted! New, greatly improved tooth design—the result of many months' research—makes this what we believe to be the best nail-cutting blade on the market. Cuts lumber containing nails, wire, etc. Also makes an ideal all-around saw blade for rough work... BOTH ripping and crosscutting. Revolutionary construction. Carefully made of special high carbon saw steel; heat treated and properly tensioned for efficient performance. Comes in saw diameters, arbor hole sizes and angles as listed in table below. Compare quality... compare price... you'll see why we've convinced you can't buy a better nail-cutting blade anywhere!

Please be sure to state catalog number, and specify saw diameter, arbor hole diameter, and arbor shape wanted when ordering.

CRAFTSMAN Chisel-tooth Blades

NEW! Combination-type... for ripping and crosscutting. New design! Bevel-sliced, chisel-shaped teeth have greater hook angle... provides a stronger, faster-cutting blade. Actually cuts up to 30% longer before resharpening or resetting than standard or fancy-tooth combination blades. Reduces vibration... easy to sharpen and reset. We're convinced you can't choose a better combination blade, no matter how much you pay!

Made by new automatic machine methods that eliminate costly hand processes... and lower prices to the absolute minimum! Chrome-nickel-molybdenum steel... scientifically heat treated and hardened. Far superior to high carbon steel used in most circular saws... yet they're priced LOWER than ordinary carbon steel saws! Every blade evenly tensioned to run true and cut straight. Saw teeth automatically set and filed for smoother, straighter sawing. Deep gullets to clear sawdust. Will stand up under hardest production use in factories and shops.

Order from table below.

<table>
<thead>
<tr>
<th>Teeth</th>
<th>inches</th>
<th>shape</th>
<th>Fits These Saws</th>
<th>Arbor</th>
<th>Shipping Weight</th>
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</thead>
<tbody>
<tr>
<td>16</td>
<td>5/16</td>
<td>round</td>
<td>5/16, 1/2</td>
<td>5/16, 1/2, 3/4,</td>
<td>Black &amp; Decker hand saws</td>
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<tr>
<td>16</td>
<td>5/16</td>
<td>round</td>
<td>5/16, 1/2</td>
<td>5/16, 1/2, 3/4,</td>
<td>CRAFTSMAN hand saws</td>
<td>2 oz.</td>
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<tr>
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<td>5/16</td>
<td>round</td>
<td>5/16, 1/2</td>
<td>5/16, 1/2, 3/4,</td>
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<td>5/16, 1/2, 3/4,</td>
<td>Bench saws</td>
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<tr>
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<td>5/16, 1/2, 3/4,</td>
<td>912557, 912757/38, 912795</td>
<td>8 oz.</td>
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<tr>
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<td>round</td>
<td>5/16, 1/2</td>
<td>5/16, 1/2, 3/4,</td>
<td>CRAFTSMAN hand saw</td>
<td>2 oz.</td>
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<tr>
<td>16</td>
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<td>round</td>
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<td>18</td>
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<td>912557, 912757/38, 912795</td>
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<tr>
<td>18</td>
<td>2 1/8</td>
<td>round</td>
<td>1 1/8, 1 1/4, 1 1/2</td>
<td>1 1/8, 1 1/4, 1 1/2</td>
<td>CRAFTSMAN hand saw</td>
<td>2 oz.</td>
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</tbody>
</table>

Arbors looked to fit either size arbor indicated.

CRAFTSMAN Power Tools... In our belief, the finest nail and wire-cutting blade you can buy!

With special-shaped arbor holes. Here is the nail-cutting blade you've always wanted! New, greatly improved tooth design—the result of many months' research—makes this what we believe to be the best nail-cutting blade on the market. Cuts lumber containing nails, wire, etc. Also makes an ideal all-around saw blade for rough work... BOTH ripping and crosscutting. Revolutionary construction. Carefully made of special high carbon saw steel; heat treated and properly tensioned for efficient performance. Comes in saw diameters, arbor hole sizes and angles as listed in table below. Compare quality... compare price... you'll see why we've convinced you can't buy a better nail-cutting blade anywhere!

Please be sure to state catalog number, and specify saw diameter, arbor hole diameter, and arbor shape wanted when ordering.

CRAFTSMAN Power Tools... In our belief, the finest nail and wire-cutting blade you can buy!

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See inside back cover for complete details on Sears Easy Terms.

ALL POWER TOOLS...
A Great 4-STAR Feature Item...Here's Why

$55.00 CASH
ONLY $55.00 DOWN

10 times faster than hand sawing

CRAFTSMAN 6½-inch Electric Hand Saw...Contractor type!

Super-powered...precision-built for continuous heavy duty use. We believe it's America's finest 6½-inch electric hand saw! Thousands used by carpenters and contractors for heavy, day-after-day use. Adapts perfectly to a radial or bench saw when used as a guide at right. Don't confuse this industrial type saw with sleeve-bearing home or hobby shop saws at this price. We've convinced it by far the finest saw value on the market...bar none!

Saw has sealed precision ball bearings throughout. Direct drive gear-train permits compact design...perfect balance. Graduated base plate. Blade on right, opposite operator, for extra safety. Depth of cut at 90°, 0 to 2 1/4 in.; at 45°, 1 1/8 in. Angular adjustment, 90° to 45°.


Weight only 12½ pounds! Over-all length, 12 inches. With 6½-inch blade (1/4-inch round arbor hole), for cross-cutting and ripping; 10-foot 3-wire cord with plug; lubricant and wrenches.

Remember...you can use Sears Easy Payment Terms to purchase one of these superb CRAFTSMAN Electric Hand Saws. Only $5.50 Down, pay the balance in small monthly payments.

99 A 02553 - CRAFTSMAN 6½-inch Saw only without case. Shipping weight 16 pounds...$55.00
99 A 02554K - CRAFTSMAN 6½-inch Saw only with steel carrying case. Base of case acts as bench rest. Tool, cord and blade compartments. Shipping weight 27 pounds...$60.00
99 A 6472 - Cut-off Wheel. For above saw. 6-inch diameter; 1/4-inch round arbor hole. Cuts concrete, tile, metal, etc. Shipping weight 8 oz. Each $1.29

NOTE: For extra combination blades for this saw, see below. Do you want a superior blade...or will last 20 times longer than ANY ordinary steel blade? Then order CRAFTSMAN Carbide-tipped Blade (described and listed below).

CRAFTSMAN Nail-Cutting Blades

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

Catalog SAW Arbor Arbor Shape Fits Saws Ship.'t List

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Arbor Size</th>
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<tbody>
<tr>
<td>9 A 4928</td>
<td>9 in.</td>
<td>1/4 in.</td>
<td>1/4 in.</td>
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<td>9 A 4988</td>
<td>9 in.</td>
<td>1/4 in.</td>
<td>1/4 in.</td>
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<tr>
<td>9 A 4993</td>
<td>9 in.</td>
<td>1/4 in.</td>
<td>1/4 in.</td>
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<tr>
<td>9 A 4930</td>
<td>9 in.</td>
<td>1/4 in.</td>
<td>1/4 in.</td>
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<tr>
<td>9 A 4931</td>
<td>11/4 in.</td>
<td>1/4 in.</td>
<td>1/4 in.</td>
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</tbody>
</table>

New! CRAFTSMAN Combination Saw Blades

Fits CRAFTSMAN 99 A 02553 electric hand saw above. Chromed-nickel-boron steel, heat-treated and blued sharp up to 30% longer than conventional combination blades. Bevel-filed, chisel-shaped tooth with greater hook angle provides a stronger, faster cutting blade. Expertly set and filed. SPECIFICATIONS: 16 teeth; 6½-1/4-inch diameter; 1/4-inch round arbor. Order yours today!

9 A 4955 - Shipping weight 10 oz. $1.69

SAW GUIDE Converts Electric Hand Saw into Bench or Radial Saw

We believe this saw guide is far superior to guides costing 3 times as much! Designed especially for use with the CRAFTSMAN 6½-inch Electric Hand Saw (above). Set saw in guide channel; you have a radial arm 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. Rips, cross-cut, compound miter, even dado cuts! (Saw adjusts for depth-of-cut and tilt.) Maximum width of crosscut at 90°, about 18½ inches; at 45°, about 13½ 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. Use CRAFTSMAN miter gauge 94224 (page 5) for crosscuts, miters. Dadoes can be made by repeat cuts with standard blade. Use Power-Pad 94120 (page 11) for remote control switch, added safety. 9½-inch wide x 7 inches. Mounting hardware included.

All parts are zinc plated. Complete mounting and operating instructions included. (Wood parts and saw guard not included.)

99 A 01710K - Shipping weight 30 lbs. $14.95

Short of cash? Remember, an order of $20 or more only a small down payment is needed when you buy on Sears Easy Terms.

CRAFTSMAN Blades

8-tooth carbide-tipped blades...last 20 times longer, require less power than ordinary circular saw blades! Cut woods, plastics, laminates, roving. Not for masonry, steel or other ferrous metals.) Special steel blade; heat treated; tungsten carbide tipped. Safer...teeth project only 1/20 in. beyond non-cutting edge! Teeth ground with diamond wheels. Rips, crosscuts, miter. See complete description on page 6.

9 A 4943 - State diameter, arbor hole size and shape.

Saw Guides on clamp bolt for miter and compound cuts

Stationary saw for ripping, crosscutting, mitering, etc.

99 A 02553 - CRAFTSMAN 6½-inch Electric Hand Saw...Contractor type!
Develops 2.16 H.P.

CRAFTSMAN 8-Inch Electric Hand Saw

Most powerful 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. Its heavy duty G.E. 1 1/2 H.P.-rated motor will develop 2.16 H.P.—the most powerful motor of any saw available.

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 extra safety! Full depth of cut (0 to 2 1/2 inches instead of usual 1 1/2 inch and up). Base plate has 1/4-inch graduations, notches every inch; permits use of various guide lines. Strong, die-cast aluminum alloy frame.

SK precision ball bearings, double sealed. Helical-cut bronze gears, lubricated by one Zerk fitting. Telescoping saw guard; sawdust blower. Enclosed trigger switch. Left-side knob for two-hand operation. UL approved (Industrial standards). Weighs only 19 pounds. With 8-inch combination blade 10-ft. 3-wire cord and plug, lubricant, wrench. Steel case has compartment for extra blades, wrenches, etc.

SPECIFICATIONS. Plain combination type blade, diameter 8 inches. Arbor hole, standard 5/8-inch. Depth of cut, 0 to 2 1/2 inches. Tilt adjustment, 90° to 45°. Free blade speed, 3500 R.P.M. Switch, enclosed non-locking trigger type. Motor General Electric universal; 110-120-volt, 25-60 cycle AC-DC. Over-all dimensions: height (with handle) 11 inches; length 15 1/2 inches; width 10 inches.

97 A 0350K—CRAFTSMAN 8-Inch Electric Hand Saw with steel carrying case. Shipping weight 38 pounds. Use Sears Easy Terms... Only $9.90 down; $8.00 monthly... Cash $92.00
97 A 0355K—CRAFTSMAN 8-Inch Electric Hand Saw only, without case. Shipping weight 23 pounds... Only $9.90 down on Sears Easy Terms... Monthly $8.00... Cash $89.00.

New SAW GUIDE Converts 8-Inch Electric Hand Saw Into Bench or Radial Saw

Here it is—a saw guide for your CRAFTSMAN 8-Inch Electric Hand Saw (at left). Patterened after our 6 1/2-inch electric hand saw guide (on facing page). Proven in the field and by many laboratory tests and comparisons to be far superior to guides costing much more. Now, the same high quality features and construction are used to bring you this new saw guide.

Carpenters, contractors, small builders and even "beginners" can increase the usefulness of their electric hand saws. Rip, crosscut, compound miter, even make dado cuts with more accuracy. (Saw adjusts for depth-of-cut and tilt.) Maximum width of crosscut at 90°, about 14 inch. Maximum width of cutoff at 45°, about 13 in. to left and about 8 in. to right. Maximum ripping width, about 26 inches. Guide channel slides to set ripping width.

3/16-inch welded steel. Mounting hardware included. All parts zinc plated. Complete mounting and operating instructions included. Saw and wood table top not included.

97 A 0171K—Shipping weight 25 pounds...$17.50

6 1/2-Inch Electric Hand Saw


Specifications. Blade diam., 6 1/2 in. Arbor hole, 14 in. (square). Depth of cut, 0 to 2 1/2 in. at 90°, 1 1/4 in. at 45°. No-load speed, 3200 R.P.M. Overall length, 11 1/4 in.

97 A 02372—DUNLAP 6 1/2 In. Saw only, without case...$9.95
97 A 02373K—DUNLAP 6 1/2 In. Saw with steel carrying case...Shipping wt. 22 lbs...$12.95
97 A 04671—Cut-off Wheel for cement, tile, metal, etc., 6 1/2-in. diam., 1 1/4-in. square Arbor hole, Shipping wt. 3 oz. Each...$1.19

NOTE: See listings on opposite page for carbide-tipped and nail-cutting blade. See right for combination blade.

Electric Hand Saw Accessories

A. Miter Saw Guide. For 97 A0355K. CRAFTSMAN Electric Hand Saw above also bench saws with 14-in. arbor holes. (See description on opposite page.) Specify 8-in. diameter and 14-in. arbor hole. Shpg. wt. 1 lb. 2 oz. $1.98
9 A 4972—Shipping weight 1 lb. $1.95
B. Replacement Combination Blades. For ripping and crosscutting, see page 7 for description of these blades.
9 A 4955—For CRAFTSMAN 8-Inch Electric Hand Saw above, Specify 8-in. diameter and 14-in. arbor hole. Shpg. wt. 1 lb. 2 oz. $1.98
9 A 4955—For DUNLAP 6 1/2-Inch Electric Saw at left. Specify 6 1/2-in. diameter and 14-in. arbor hole. Shpg. wt. 1 lb. 4 oz. $1.98
C. Single Wheel. For concrete, tile, metal, etc., 8-in. diameter. Round center hole. Specify 14-in. bore when ordering. Shpg. wt. 3 lbs. $1.39
9 A 6455—Shipping weight 8 oz. $1.39
D. Extra Lubricant, 4-ounce bottle.
9 A 2693—Shpg. wt. 6 oz. $0.09
E. Heavy-duty 22-in. Extension, 2-wire, Rubber plug, receptacle. UL approved. Use up to 100 ft. 4 cord only, Shpg. wt. 4 lbs. 11 oz. $18.50
34 A 5864—Shpg. wt. 4 lbs. 11 oz. $18.50

NOTE: See listings on opposite page for carbide-tipped and nail-cutting blade. See right for combination blade.
CRAFTSMAN
Radial Saw
Only $30.00 Down
on Sears Easy Terms
$299.50
Without legs or lower shelf
$30.00
On Terms

A Woodworking Machine designed for fast, easy cutting and shaping of lumber!

It's amazing how many jobs it can do. It bevel cuts, rips, miters, compound miters, tenons, cuts dadoes, round over, crosscuts, rips, rabbets—even shapes with proper cutters!

Saw pulls through work; swings, tilts, locks in any position; quick-setting stops for 0, 45 and 90°. Automatic front-pivoted guard encloses blade edge for safety. Anti-kickback pawls. Complete 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 60-cycle A.C.); 15x22-in. wood work table with removable fence; 28x36-in. stamped steel base. (Steel legs and lower shelf not included). Shipped from factory in Cincinnati, Ohio, from where you pay transportation on delivery.

99 Ah 23419—CRAFTSMAN Radial Saw. Shipping weight 50 pounds. $299.50
99 AH 21599—Set of 4 steel legs and lower shelf for above radial saw. (See shipping note above). Shipping weight 50 pounds. $23.00

SPECIFICATIONS:
- Depth of cut, maximum 2 1/4 inches
- Crosscut capacity, maximum 12 1/4 x 2 1/4 inches
- Ripping capacity, maximum 24 x 2 1/4 inches
- Arbor size, maximum 90° right or left
- Angle of cut range 0° to 90° right or left
- Maximum width and depth of 45° compound miter cut (motor turned 15° and tilted to 45°) 3 1/4 x 2 1/4 inches
- Dado capacity with 8-inch diam. x 1-in. bore dado saw, width 1 in., depth 1 1/4 inches
- Taper size 2x48 1/2 in.
- Table height, with legs 7 1/4 inches; with legs 26 inches
- Length of fence 42 in.; length of stroke 15 inches
- Column diameter, vertical 3 in.; horizontal 2 1/4 inches
- Bearings, each 2 sets sealed precision ball bearings
- Arbor speed (approximate) 3450 R.P.M.
- Motor—1-H.P. 3450 R.P.M., single-phase, capacitor; 115-230 volt, 60-cycle A.C.
- Over-all dimensions (saw only), Height 33 1/4 in.; depth 28 in.; width 42 1/4 inches

Accessories for your CRAFTSMAN Radial Saw:
- 9 A 15759—Adapter. For dado saw, groovers, shaper cutter head, shaper cutters, sanding disc, 1 1/4-inch spindle; 1 1/2-inch left-hand thread. Also fits accessories with 1 1/4-inch plain bore. Shpg. wt. 4 lbs. (See shipping note above). $10.70
- 9 A 15779—Adapter for Router Bits. Also fits accessories with 1 1/4-inch shank. Shipping weight 2 lbs. (See shipping note above). $6.00
- 9 A 15797—Collars for Radial Saw Arbor, 3 1/2-in. bore x 2-in. outside diameter. Available in 1 1/4, 1 1/4, 1 1/4, and 1 1/4 inch thick, 3 1/8 x 2 1/4 inches. Shipping weight 1 lb. (See shipping note above). Each $3.00
- 9 A 15809—Left-hand Router Bits. Sizes: 1 1/4, 1 1/4, 1 1/4, 1 1/2, and 1 1/4-inch diameter. 3 1/4 x 2 1/4 inches. 3 1/4 x 2 1/4 inches. 3 1/4 x 2 1/4 inches. 3 1/4 x 2 1/4 inches. Shipping weight 3 lbs. (See shipping note above). Each $3.90

CRAFTSMAN Swing Saw
Only $10.00 Down
on Sears Easy Terms
$99.50
Without Motor
$10.00
On Terms

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

Fast, free operation with no waste motion. Ideal for millwork plants and shops, workrooms, etc. For heavy duty work.

Swivels from 0 to 90° right or left; gives vertical cut by degree. Cast-iron base and adjustable, locked columns. Pin locks swing arm in vertical position for ripping or dado work. Another pin locks at 0, 45 or 90° for miter cuts. Extra safety Adjustable blade guard; belt guard. Portable! Can be partially disassembled quickly for transporting. Equipped with 10-in. combination blade, 3/4-in. bore (12-in. blade also can be used with 1-H.P. motor).

99 A M2545—Without motor. Shipping weight 203 pounds. $99.50
99 M2545—with 1-H.P. 3450 R.P.M. 100-120 volt, 60-cycle A.C. capacitor motor. Shipping weight 247 pounds. $138.45
99 A M2548—with 1-H.P. 3450 R.P.M., 115-230 volt, 60-cycle A.C. capacitor motor. Shipping weight 251 pounds. $147.45

SPECIFICATIONS:
- Depth of cut (maximum), rip and crosscut, 3 in.; 12-in. blade, 4 in.
- Crosscut width capacity, maximum 10 in.; with 12-in. blade, 16 in.; with 12-in. blade, 16 1/2 in.
- Dado capacity with 8-inch diam. x 1-in. bore dado saw, width 2 in., depth 1 1/4 inches
- Table size 15x38 1/4 in.
- Base size 28x18 1/2 in.
- Column diameter 3 1/4 inches
- Combination blade (including arbor), diameter 10 inches; bore 3/4 inch
- Arbor speed (approximate) 3450 R.P.M.
- Motor, recommended (minimum) 1-H.P. 3450 R.P.M., 60-cycle A.C.
- Motor pulley (including) 1-H.P. 3450 R.P.M.
- Arbor speed recommended (approximate) 3450 R.P.M.
- Motor pulley (including) 1-H.P. 3450 R.P.M.
- Arbor pulley (including) 1-H.P. 3450 R.P.M.
- 4 1/4 in., 3 1/4 in., width adjustment
- Over-all dimensions Height 41 1/4 inches; depth 26 1/4 inches; width 24 inches

CRAFTSMAN Heavy duty 8-inch Dado Set
Make your radial saw, saw bench or bench saw much more useful. Made from special alloys saw steel accurately controlled through all phases of production. For dadoing, grooving, rabbeting, etc. Suits to fit saws with 1-in., 3/4-in., and 1/2-in. arbors. Each set includes two outside saws (each cuts 5/8-in. groove), six inside cutters, and paper washers for 1/2-in. width adjustments. Wide arbor sizes: 1 1/8 in., 3/4 in., 1/2 in., 3/8 in., 1/4 in., 1/8 in. Shipping weight 6 pounds 8 ounces. $14.95

10 SEARS, ROEBUCK AND CO. 2642
Steel Tool Benches

Steel Tool Bench. Pressed and bonded wood top—harder than maple! Steel legs; adjustable for uneven floors; gray finish. Top is 46 5/8 in. long, 23 in. wide, 1 1/4 in. thick. 34 1/4 in. high. Bolts for assembling included. See steel drawers (sold separately) below.

99 AM 21166—Steel Tool Bench Frame only. Make your own bench top for this sturdy frame! Same as bench above but without top. Shgp. wt. 35 lbs. $9.50

Large Steel Tool Bench. Same high quality as 99 AM 21168 above, but has larger top (68 in. long by 24 in. wide). Drawers not included (listed below). 99 AM 21170—Wt. 95 lbs. $24.50

Large Steel Work Bench frame only. Same as 99 AM 21170 but less top. Shipping weight 37 lbs.

99 A 031714—Steel Drawers. For benches 99 AM 21168 and 99 AM 21170. 15 1/2 x 23 3/4 x 5 1/2 in. Each. Shgp. wt. 9 lbs. Each. $2.95

Tool Lights

New! CRAFTSMAN fluorescent Tool Light. Our finest! Rigid tubular steel arms adjust on swivel ball and socket joints. Takes two 4-watt tubes. Fits benches at right; has slip-in base mount for other mountings. Gray enamel finish. 41 1/2 in. cord; plug. Shade turns 360°. UL approved. 9 A 2353—Shgp. wt. 4 lbs. $10.30

CRAFTSMAN Incandescent Tool Light. Rigid tubular steel arms adjust on swivel ball and socket joints. Baked gray enamel finish. Takes 60-watt bulb. Shade turns 360°. Fits benches at right; has slip-in base mount for other mountings. 41 1/2-foot cord; plug. UL approved.

9 A 2557—Wt. 2 lbs. 2 oz. $4.39

Tool Light, Easy-adjusting 18-inch flex-cable. "C" clamp fastens to bench or tool. Triangular shade turns 360°. Interlocking socket won't pull apart. Gray finish. 6-foot cord; plug. UL approved.

9 A 2556—Shgp. wt. 3 lbs. $3.59

CRAFTSMAN Power Tool Bench, 18 inches long by 16 1/4 inches wide. Maximum mounting dimensions 12 x 14 inches. With 2 cross slide rails. Extra slide rails available for mounting motor on bench (see 9 A 2016 below). Also see table below for power tools in this catalog for which this bench is recommended. 99 A 02144K—Shipping wt. 24 lbs. $10.30

CRAFTSMAN Power Tool Bench, 30 inches long by 16 1/4 inches wide. Maximum mounting dimensions 12 x 20 inches. With 4 cross slide rails for mounting power tool and motor on same bench. See table below for various power tools in this catalog for which this bench is recommended. 99 A 02134K—Shipping wt. 28 lbs. $11.95

Powr-Pani

CRAFTSMAN! Safe way to hook up power tools, motor and tool light! No more reaching over moving parts to turn motor on and off. Fits benches above; no more reaching over moving parts to turn motor on and off. Fits benches above; has brackets for adapting to other wood or metal benches. 1-H.P. rated switch. 125-250 volts A.C. or D.C. Has one double-prong receptacle for receiving power, two cube taps to plug in motor and light. UL approved. Shipping weight 1 lb. 9 A 2120. $3.95

Bench Accessories

Cross Slide Rails. Fits benches at upper right of page. See table at right for other slide rails needing extra cross slide rails. 9 A 2016—Shgp. wt. 4 lbs. Each 85c

Mounting Plates. For mounting tools with dimensions exceeding bench sizes. See table at right. 9 A 2013—Shop. wt. 4 lbs. Pair 98c

Caster Set. Fits benches at upper right of page. 2-inch diameter wheels; ball bearing swivels. Set of 4; 2 with foot brakes. Threaded 5/16-inch diameter; 1/4-inch length. With nuts. 9 A 2736—Shgp. wt. 2 lbs. Set of 4 $2.49

Saw Horse Brackets

Make your own saw horse, using two by fours. Set up temporary tables, platforms, etc. New type. Needs no nails, screws or bolts! Strongly made of steel. Rust resistant, enamel finish. Use with 2 x 4's (not included). 9 A 2849—Wt. 6 lbs. Pr. $3.39

Regular type. Heavy gauge, rust-resistant plated steel brackets electrically welded into a solid unit. Use with 2 x 4's (not included). 9 A 2889—Wt. 3 lbs. Pr. $1.30

* Bench most applicable. If additional work space is desired, we recommend bench 99 A 02134K, using our own bench top.

Tool Bench Mounting Recommendations

<table>
<thead>
<tr>
<th>Tool</th>
<th>Mounting Plate</th>
<th>Recommended</th>
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<tr>
<td>Band Saw</td>
<td>99 AM 02160</td>
<td>12 in. 9A 2018 cross slide rails</td>
</tr>
<tr>
<td>Drill Press</td>
<td>99 AM 2033</td>
<td>12 in. 9A 2018 cross slide rails</td>
</tr>
<tr>
<td>Shaper</td>
<td>99 AM 2282</td>
<td>12 in. 9A 2018 cross slide rails</td>
</tr>
</tbody>
</table>
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 strongest! Ran continuously and perfectly for more than 100 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
REG. U.S. PAT. OFF.

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

We believe this is America's finest 3-wheel band saw! See actual test results above. Extremely accurate—cuts as thin as 1/4"/1000 of an inch. Much more compact design than conventional 2-wheel saws of this capacity; yet it has same strength, accuracy and durability usually found in 3-wheel saws. Has special "super-sharp" blade, the result of years of research. Ideal for model makers, woodworkers and pattern shops, and cabinet makers. Recommended for wood cutting only. (Not recommended for metal cutting.)

All working parts, except actual blade cutting edge, are fully enclosed for extra safety. If blade should ever break, it can't fly out! Heavy, rigid, scientifically reinforced cast iron frame. Double-row precision ball bearings mounted integrally with drive shaft, assuring perfect alignment and smooth operation. Double-row Torington needle bearings on idler wheels. Rubber tires, ground true wheels machined to close limits to assure concentricity.

Cuts to center of 24-inch circle. Makes curved or irregular cuts in wood up to 4 inches thick. It's the only saw we know of with such a low center of gravity, and a full 12-inch throat (see cut-away view at right). 12x12 table, mounted on double trunnions, with 4 points of support instead of 2, for greater rigidity; tilts 0 to 45°; has tilt indicator. Proper blade tension/determined by built-in reading scale. One 3/4x62-inch blade included. (We recommend using our 9A2668 blade only.)

CRAFTSMAN Band Saw Blades
REG. U.S. PAT. OFF.

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

<table>
<thead>
<tr>
<th>Width</th>
<th>Shipping weight</th>
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<tr>
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<td>1 ounce</td>
<td>1 ounce</td>
<td>¾ inch</td>
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CRAFTSMAN special length Band Saw Blades

9 A 2860FF—Not for use on 2-wheel band saw. All blades brazed unless otherwise specified. Add 35¢ to cost of each blade for brazing. Shipped from factory in Chicago. Please state correct length and width wanted, and be sure to specify if you don't want blades brazed.

$53.00 CASH
Without motor or bench
$550 DOWN...ON EASY TERMS

SPECIFICATIONS
- Depth of throat: 12 inches
- Capacity of cut (maximum): 4 inches
- Table size: 12x12 inches
- Length of blade: 62 inches
- Width of blade: 1/4 to 3/4 inch (maximum)
- Bearings: 2 sets lubricated-for-life precision ball
- Machine pulley (included): 4-inch
- Motor pulley (not included): 4-inch
- Motor recommended (minimum): 1/4-H.P. 1,750 R.P.M.
- Mounting dimensions: 33½x24 inches
- Over-all dimensions: Height 20½ inches, width 12 inches, depth 20½ inches.

Notice how the compact CRAFTSMAN 3-wheel design gives this saw a full 12-inch throat—without the great height necessary in conventional 2-wheel band saws with same size throat. This means a lower center of gravity in a smaller frame, with more rigid construction. Has same strength, accuracy and durability usually found only in larger band saws selling for much more.

For Easy Terms, see inside back cover of this catalog.
CRAFTSMAN 2-wheel Ball Bearing Band Saws

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; as thin as 20'/1000 in. The ONLY band saw in this price range with all these features: (1) "no-cast" cover and frame for extra rigidity! Frame and back are cast in ONE PIECE with bridge-guarder type reinforcement. (2) Self-aligning upper blade guide reduces friction, prolongs blade life. (3) Oil-impregnated bronze blocks, ball bearing thrust wheels on saw guides above and below table. (4) All working parts completely enclosed. (5) Drive shaft and ball bearings are integral unit.

Four sets of precision ball bearings. Large 14%-x-12%-in. smooth ground, cast semi-steel table tilts 0 to 45°; has miter slot for use with 9A2266 miter gauge (not included; see page 5). Two 12%-in. rubber-tired cast iron wheels. With one 80x 3/4 in. blade. (Extra blades 9A2613, 9A2624 and 9A2625 on opposite page.)

SPECIFICATIONS:
- Depth of throat... 12 inches
- Capacity of cut (maximum)... 12 inches
- Table size... 121 x 14-1/2 x 14-1/2
- Length of blade (one 3/4 in. width included)... 60 inches
- Width of blade... 3/4 to 1 inch
- Blade speed... 3165 F.P.M.
- Bearings... 5 sets lubricated for life precision ball bearings
- Machine pulley (included)... 5-inch
- Motor pulley (not included)... 2-inch
- Motor recommended (minimum)... 3-H.P./1750 R.P.M.
- Over-all dimensions... Height 37 inches; width 40 x 14-1/2 inches; depth 22-1/2 inches

$74.50

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

Cuts to center of 36-in. circle in lumber up to 12%-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, 201/4 x 17-3/4 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 are made of straight cast iron with ball-bearing thrust wheels... give accurate, true cutting. Blade speed 3000 feet per minute. One 132%-in. blade included. (For extra blades, see 9A2718 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:
- Depth of throat... 18 inches
- Capacity of cut (maximum)... 12 inches
- Table size... 201/4 x 17-3/4 inches
- Length of blade (one 3/4 in. width included)... 60 inches
- Width of blade... 3/4 to 1 inch
- Blade speed... 3165 F.P.M.
- Bearings... Six sets of grease sealed precision ball bearings
- Size of each precision ball... 18 inches
- Machine pulley (included)... 7-inch single groove V
- Motor pulley (not included)... 3-inch single groove V
- Motor recommended, minimum... 1 H.P./1750 R.P.M.
- Over-all dimensions... Height 35 inches; width 22-1/2 inches; depth 31 inches

$270.00

9A 2377—“The Big Band Saw and Band Saw” Instruction Book, 32 pages, over 100 helpful illustrations. A handy manual of operation to enable you to get the most out of your band saw. Shipping weight 2 ounces... 25¢


**CRAFTSMAN “100” Jig Saw**

**REG. U.S. PAT. OFF.**

**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. Unusually 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 woodworking shops.

Extra large size table. Full 16x16 inches to give plenty of working surface; made of smooth-ground cast semi-steel. Tilts 0 to 45° on double trunion support; gauge shows angle of tilt. Blade chucks and table can be turned 90° for ripping long pieces.

Many super-quality features. 7/8-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 enamel finish.

**CRAFTSMAN Magnetic Jig Saw...built-in power!**

Rapid short-stroke action provides smooth cut...leaves practically NO saw marks...and minimizes the need for hard, tiresome sanding.

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: 24 inches
- Depth of cut, maximum, in wood: 2 inches in plastic: 1½ inches in aluminum and zinc: 5/8 inch
- Table size: 16x16 inches
- Motor recommended, min.: ¾ H.P., 1750 R.P.M.
- Machine pulleys (included): 5 and 6-in.
- Motor pulleys (not included): 2-inch and 5-inch
- Speed: 1425 and 1015 R.P.M.
- Stroke: 1½ inches
- Mounting dimensions: 15½x20½x14 inches
- Over-all dimensions: Height 21½ inches; length 39½ inches; width 16½ inches

Motor can be mounted above, below or behind. One 6-inch plain end blade included. Ship. wt. 125 lbs.

**New Manual**


9 A 2919...25c

**$1595**
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 per package, 1 ounce.

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<th>Length, inches</th>
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Sturdy DUNLAP 12-inch Jig Saw

- Cuts to center of a 24-inch circle
- Handles work up to 1 inch thick
- One of the smoothest operating small jigs saws we know of. Ideal for use in the hobby shop or home workshop. Cuts wood, metal, plastics, etc.
- Modified Scotch-Yoke action for smooth operation. Runs in bath of oil. Fully enclosed coil type spring reduces whip for smoother, more accurate operation. A.C. motor, 2.5 inch motor pulley, 14 gauge V-belt.
- Table tilt any angle from 0 to 45°, rigidly supported at two points; tilt indicator. One-piece cast semi-steel frame; rust-resistant gray finish. Uses 3-inch pin-type blade (one blade included). See page 10 for power tool bench.

SPECIFICATIONS:
- Depth of throat: 12 inches
- Maximum depth of cut: 1 inch
- Table size: 13½ x 14 inches
- Motor pulley (included): 4-inch
- Motor pulley (not included): 2-inch
- Motor recommended (minimum): 1/8 H.P., 1750 R.P.M.
- Speed (approximate): 1100 R.P.M.
- Sawdust blower: Built-in
- Mounting dimensions: 28 x 16 inches
- Overall dimensions: Height 52½ inches; length 29 inches; width 12 inches
- Shipping weight: 92 lbs.

$32.50 CASH
Without motor and bench
$350 DOWN...ON EASY TERMS

 Runs smoothly, quietly!
- 18-in. capacity. Cuts to center of a 36-in. circle
- Cuts wood, up to 2 inches thick, metal and plastic
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 bath of oil. Porous bronze main bearings. 12 x 12 inch cast semi-steel table tilts from 0 to 90 degrees on double pivots; gives large working surface. Frame is strongly made of cast semi-steel. Upper arm is removable for filing and saber sawing. Blade chuck rotates 90° for ripping pieces longer than 18 inches. There's no twisting of blade because sheave in chuck gives firm grip between the blade and the clamping member. Has upper and lower blade guides. Adjustable hold-down prevents work from lifting off table.

FULLY ENCLOSURE 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 11 for description of the power tool bench shown.

SPECIFICATIONS:
- Depth of throat: 18 inches
- Depth of cut (maximum): 2 inches
- Table size: 13 x 12 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): 860 R.P.M.
- Sawdust blower: Built-in
- Mounting dimensions: 51 x 22 1/4 inches
- Overall dimensions: Height 17 3/4 inches; length 29 inches; width 12 inches
- Shipping weight: 70 pounds

$32.50

$47.50
CRAFTSMAN Jointer-Planers . . . for home shops

4½-inch Jointer-Planer . . . with sealed ball bearings, lubricated for life

Ideal for small woodworking shops, school shops and home workshops. Outstanding—capacity, precision, speed, accuracy and smooth 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 4½-inch high-speed steel knives. Massively 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 set 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 all are clearly visible from normal operating position; can be reset without reaching under table. Quick-setting spring-loaded guard gives complete protection; can be quickly removed in one motion for rabbing. Fence tilts up to 45° in either direction; easy-to-read protractor scale shows angle of tilt.

SPECIFICATIONS:
- Width of cut: 4½ in.
- Depth of cut: 3½ in.
- Rabbet depth: 3 in.
- Length of fence: 19½ in.
- Size, front table: 11½ x 66½ in.
- Size, rear table: 11½ x 66½ in.
- Bearings: 2 sets sealed precision ball
- Cutter knives: 3 high-speed steel, 4½ x 4½ x 3/16 in.
- Recommended speed: approximately 4500 R.P.M.
- Motor recommended (minimum): 3/4 H.P. 1750 R.P.M.
- Machine pulley (included): 1 in.
- Motor pulley (not included): .5 in.
- Overall dimensions: 30¼ x 113¼ in.
- Weight: 66½ lbs.
- Shipping weight: 92 lbs.

99 M2325—Without motor, motor pulley, V-belt or bench, Shpg. wt. 63 lbs. $50.00
99 M2317—With Deluxe No. 3 jointer, 3 HP. 1750 R.P.M. bronze bearing self-phasing motor for 110-120 volt 60-cycle A.C., 5-inch motor pulley, 4½ x 4½ x 3/16-in V-belt. (Bench not included.) $66.50
99 A2291—4½-inch Jointer Knives Replacement. Set of 3. Shpg. wt. 7 oz. $3.39
99 A2291—4½-inch Jointer Knives Replacement. Set of 3. Shpg. wt. 7 oz. $3.39
99 A2213K—Power Tool Bench. See page 11 for description. Shpg. wt. 29 lbs. $11.95

New Blade Sharpener

Now! Quickly sharpen your jointer-planer knives, wood planes and other straight-edge blades right in your own workshop! New blade sharpening attachment for use on bench vise. Sharpens 25° to 40° bevel edges. (See page 7 for complete descriptions.)

9 A2655—WT. 7 lbs. 4 oz. $7.49

CRAFTSMAN Thickness Planer

Hand feed type . . . planes material up to 12 in. wide

Now you can plane hard or soft boards to any desired thickness . . . finish rough sawed lumber . . . reclaim old boards, etc. Exclusive open side design allows you to plane stock up to 12 inches wide by reversing work. Planes stock up to 6 in. wide in one pass. Handles stock up to 2 in. thick, and as small as 3/4 in. thick and 4 in. long!

Simple hand feed design reduces weight (and cost) and simplifies operation. Direct adjustment for light cutting contact, directly controlled by operator. Cut adjusted by hand wheel; accurate . . . holds cut to within a few thousandths of an inch.

Sealed ball bearings . . . lubricated for life. Ribbed cast iron table and frame. Ways milled into one casting for accuracy . . . no binding or misalignment possible. Anti-kickback guard on both sides. Chip breaker and pressure bar guard head.

SPECIFICATIONS:
- Capacity of cut, maximum: 3/4-inch
- Table size: 9½ x 11½ inches
- Cutter head: 2½-in. diameter
- Knives: three, ¾ x 3/16-in.
- Bearings: 3 sets sealed precision ball
- Machine pulley (included): 1½ in.
- Motor pulley (not included): .5 in.
- Motor recommended (minimum): 3/4 H.P. 1750 R.P.M.
- Mounting dimensions: 3½ in.
- Overall dimensions: 24½ in. high; 12 in. wide; 25½ in. deep

99 M2370—Without motor and bench. Shipping weight 85 lbs. $60.00
99 A2293—Set of 3 extra knives for above planer. Shipping weight 10 oz. $4.13
99 A2214K—Power Tool Bench. See page 11 for description. Use with 2 extra rails below. Shipping weight 24 lbs. $10.50
9 A206—Extra Rails for above. Use 2. Shipping weight 3 lbs. Each 85c
for school shops ... for professional craftsmen

6-inch Jointer-Planer ... heavy duty ... over 42 in. long ... sealed ball bearings

SPECIFICATIONS:
- Width of cut: 6⅛ in.; Depth: ½ in.
- Table size: 10½ x 12½ in., rear 15¾ x 19½ in.
- Bearings: Two 3-1/2 sets sealed precision ball bearings.
- Cutter knife: 3 high speed steel, 6⅛ x 3⅝ x 1⅛ in.
- Recommended arbor speed: 3500 f.p.m.
- Motor recommended (min.) 3-1/2 H.P. 3450 R.P.M.
- Machine pulley: (included) 2 in.
- Motor pulley: (not included) 3 in.
- Mounting dimensions: 8½ x 10⅞ in.
- Over-all dimensions: height 11⅜ inches; width 26 inches; length 62⅛ inches.

99 AM 2390—Without motor, machine pulley, V-belt or power tool bench. Ship wt. 135 lbs. $101.50
99 AM 2391—With 3-1/2 H.P. 3450 R.P.M. ball bearing capacitor motor for 110-120 volt 50-cycle AC, 23½ in. motor pulley, 5½ x 6 in. V-belt. (Bench not included). Shipping weight 195 lbs. $133.95
9 A 2293—4-1/4 inch Jointer Knives (Replacement). High speed steel, expertly ground. Set of three for above Jointer-Planer or 99AM2370 Thickness Planer on opposite page. Ship wt. set of three 10 lbs. $4.15
9 A 2312—Steel Mounting Plate for Jointer Planers. Mounts above Jointer-Planer on 99AM2334K, power tool bench (see page 41). Set of 2. Ship wt. 4 lbs. $9.95
9 A 2916—Jointer, Shaper and Thickness Planer Handbook. Contains 32 pages, 200 illustrations. Covers set-ups and special operations, adjustments, sharpening, etc. Ship wt. 2 oz. $2.50

Grease-sealed precision ball bearings

A guard encloses belt and pulley for maximum safety. These are the only moving parts, aside from the cutter head.

Grease-sealed precision ball bearings

Fence tilts up to 45° in either direction, locks in place. Accurate, easy-to-read protractor scale shows angle of tilt.

Grease-sealed precision ball bearings

There’s no need to pay cash! Pay for your power tools as you use them!
See inside back cover for complete details on Sears Easy Payment Terms

$97.50
$97.50 DOWN
**CRAFTSMAN**

REG. U.S. PAT. OFF.

**THICKNESS PLANER**

- Planes lumber up to 12 inches wide, 4 inches thick
- Takes lumber as short as 6 inches; as thin as 1/16 inch
- Feed speed averages 17 lineal feet per minute
- For daily high production work

If dependability, speed and accuracy are at a premium in your woodworking business, be sure you choose the famous CRAFTSMAN 12-inch power feed thickness planer. From price to production...we've convinced it is unsurpassed! Every feature of this rugged CRAFTSMAN thickness planer has been engineered to extreme accuracy...has been designed especially to handle day-in-day-out heavy production work. And every part is extra strong to insure long in service.

Sturdy one-piece frame is cast from rugged, lasting gray iron. Strong precision-machined ways securely support heavily ribbed, accurately ground table. Table is easily raised and lowered by a convenient hand wheel for depth of cut adjustment. And you can hold cut to within a few thousandths of an inch because of extremely close tolerances throughout!

3-1/2-inch diameter safety-type solid steel cutter head; three knives. Runs on heavy-duty sealed precision ball bearings...lubricated for life. Maximum depth of cut 5/8 inch, depending on type of wood. Planes lumber up to 4 inches thick and 12 inches wide. Takes wood as short as 6 inches and as thin as 1/16 inch. Has a depth of cut scale. 1 1/4 inch diameter solid steel feed rolls. Feeds up to 17 lineal feet per minute. Has chip breaker and pressure bar guard head. All gears run in oil bath.

Recommended cutter head speed, 4200 R.P.M. Use a 6 to 8-inch motor pulley with 8 to 2-H.P. 1750 R.P.M. motor for best results (motor not included). Be sure to see detailed specifications and order information at right.

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**SPECIFICATIONS AND ORDER INFORMATION**

- Capacity of cut, maximum: 3/16 in.
- Width of cut, maximum: 12 in.
- Table size: 12 x 20 in.
- Size of cutter head: 5 1/8 in.
- Knife length: 1 1/2 in.
- Bearings: 6 dia. sealed precision ball bearings
- Power feed rate: 17 lineal feet per min.
- Machine pulley (Included): 3 in.

99 A M3349 — Shipped from factory in Cincinnati from where you pay shipping charges when delivered. Without motor. Shipping weight 280 lbs...

---

**Electrical Accessories...Fluorescent Work Light**

**Fuses... Key Switch**

- UL approved Plug Fuses: Screw-in type. Shockproof glass tops. Amperage ratings clearly marked. Choice of 2 types:
  - New "Time-Lag" Plug Fuses. Absorbs harmless temporary current surges (as when starting motors, etc.) without blowing, yet give full protection against dangerous overloads and shorts. Shpg. wt. 2 oz. each. State size, quantity. Each 34 41523-10, 15, 20, 25, 30-amp, 5 of any one size.
  - Lok-It Key Switch. Removable key prevents children and others turning on power tools, appliances, TV and radio sets. Easily installed. UL approved, 10-amp, 115-volt. Cast metal body. With key and screws for installation.

---

**Handy Portable Plug-in Fluorescent Work Light**

Every home needs this handy work light! Move it from workshop to laundry, garage, attic—wherever and whenever you need it!

Gives plenty of ideal soft light that you need, but so seldom get in home work areas. Easy to install. Screw in ceiling hooks, hang on chains...then plug in—4-ft. cord into any 110-120-volt 60-cycle AC wall or ceiling outlet. That's all. Two 20-watt bulbs give more light than 100 watts of incandescent lighting. If more light is needed, order big double size with two 40-watt bulbs. Blue-gray enameled steel with bright white reflector. 24 x 1-inch size. Extends down 22 inches, adjusts to 35 inches. Can also be permanently installed flush to ceiling. Safe...fully UL approved.

34 A 30746 — With two 20-watt bulbs. Wt. 6 lbs...
34 A 30747L — Double size, 50 x 11/4 in., with two 40-watt bulbs. High power factor. Wt. 22 lbs...

---

**Electrical Wiring Boxes**

UL approved. Easily installed. Fit standard toggle switches, duplex receptacles, etc. Heavy 14-gauge steel. Two types:

- Flush Mounting Box with 2 double clamps. Depth 2 1/2 in. Adjustable mounting brackets. Sides removable for joining two or more boxes. Shpg. wt. 12 oz.
- For non-metallic sheathed cable. Each 34 4 A 5928...

For steel-armed cable. Each 34 4 A 5932...

- Surface Mounting Utility Box. Have 1/16-inch knockouts for armored or non-metallic cable connectors or for 1/16-inch conduit. Screws to wall surface. 4 x 2 1/2 x 1 1/2 deep. Shpg. wt. 10 oz.
- Covers for (B) above. Each 30 34 4 A 5958...

---

**Switch...Outlet...Tape**

- Brown Plastic Wall Plate for (B) above. Shpg. wt. 1 oz. Each 34 4 A 3229...
- Brown Plastic Wall Plate for (C) above. Shpg. wt. 4 oz. Each 34 35 A 2545...
- Homart 1/4-In. Plastic Tape for electrical work. Our finest! One tape does the work of rubber and friction tape both.
- Homart 1/4-In. Plastic Tape for electrical work. Our finest! One tape does the work of rubber and friction tape both. Each 34 4 A 5000-20-foot length. Shpg. wt. 2 oz. Per roll...

---

By Sears, Roebuck and Co., Chicago.
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 work. Using shaper cutters below:

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

Extra-large, 21x15-inch ground cast semi-steel table. Spring holds-down 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 grinding 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 34x3 inches V-belt. Shaper cutters described and sold separately below. See inside back cover for Sears Easy Terms.

99 AM 2392 — CRAFTSMAN Shaper as above, without motor or base. Shipping weight 76 pounds. $35.00
99 AM 2406 — As above, with 5/8 HP. 3450 R.P.M. 110-120 volt 60-cycle A.C. ball-bearing motor. Shipping weight 107 pounds. $84.95
99 AM 2234 — CRAFTSMAN Power Tool Bench. (See page 11 for complete description.) Height adjustable from 27 1/4 to 31 1/2 inches. Length 36 inches. Made of cast iron. Shipping weight 28 lbs. $11.95

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

Top professional quality. Made of tough, wear-resistant special alloy steel; perfectly ground and engineered to exact dimensions. For use on wood shaper... makes tool much more useful. Also can be used on drill press with 9 A 2483 adapter (see page 37). Sturdy cutters have 1/4-inch bore. Quick and easily changed by grinding the flat surface ahead of the cutting edge, and using fine grit wheel (preferably cone-type).

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


Specialized shaper cutters, 1/4-inch radius. Shipping weight each 4 oz.

9 A 2360 — Small Picture Frame Cutter 1/4-inch high. $1.90
9 A 2395 — Large Picture Frame Cutter 1/4-inch high. $1.90
9 A 2309 — Shoe Molding Cutter 1/4-inch high. $1.90
9 A 2369 — Cupboard Door or Drawer Cutter 1/4-inch high. $1.90
9 A 2376 — Beaded Screen Molding Cutter 1/4-inch high. $1.90
Set of 5 Shaper Collars. Mount beneath shaper cutters (above and left) to control depth of cut on curved work. Fit 1/4-inch spindle.

9 A 2367 — Shpg. wt. 6 oz. Set $1.90
Sash and Door Cutter. Fits 99 A 2392 above and former shaper 2381. Use with 2483 adapter (page 37).
9 A 2407 — Shpg. wt. 7 oz. $4.95

See inside back cover for details of Sears Easy Payment Plan.
CRAFTSMAN Sander-Polisher

Improved “Dual-Arc” motion provides smooth finished sanding. Convenient! No motor to buy! No oiling! Simply plug it in.

A. Takes the hard work OUT... puts the finishing touch ON! For finishing, sanding, polishing waxed and finished surfaces, body-lightening operations (not for removing paint, varnish, deep scratches, etc.) Lighter weight for easy vertical sanding. No rubbing, no pressing! Simply guide it. Improved “Dual-Arc” motion means less weight and fewer scratches. Puts high gloss finishes on hard or soft woods, plastics, etc. (1440 strokes per minute).

Approved by Underwriters’ Lab. Uses open-coated, lightweight backing type sandpaper; no coarser than No. 80. Heavy-duty reactance-type motor never needs oiling! 354-in. long, 254-in. wide, 454-in. high. For 110-120 volt 60-cycle A.C. only. Complete with 10 sanding sheets, lamp-wood polishing pad, 8-tt. cord, plug and instructions. Send in your order NOW!

9 A 2713 - Without case. Shipping weight 5 lbs... $18.50
9 A 2719 - Without case. Shipping weight 5 lbs... $16.95
9 A 2721 - Extra Lamb’s wool polishing pad. Shipping weight 2 oz... 30c
9 A 2780 - Extra Sanding sheets. Fine, medium or coarse. 60 oz. Shipping weight 5 oz... 50c
9 A 2784 - Extra Sanding sheets. Fine, medium or coarse. 60 oz. 2 bags... $1.40

CRAFTSMAN 6-inch Sander

REG. U.S. PAT. OFF.

A. Heavy duty! 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-in. belt is 3/4 in. wide, provides over 100 square inches of sanding area... double that usually found on sanders in this price range. You can sand both flat and curved surfaces... end grain and small work with 9-in. disc curved and irregular work with end grinders. Belt, table, miter gauge, and fence are all included.

Adjustable work table can be tilted to any angle from 0 to 45°. We know of no other comparable sander with this feature. Work table transferable from end to side for disc use. Miter gauge (furnished) fits slot in table.

Exclusive quick-change belt release. Change the belt in seconds with no fuss or bother. Lever releases belt tension. Position of sanding belt table easily adjusted. 3-Inch diameter drum, one rubber-covered tenon drum, two roller driven, idler pulley brackets, controlled by hand knobs. Drive pulley and idler pulley are slightly lower than belt. Large enough to prevent gouging of long work. Large self-lubricating bronze bearings. Table, frame of cast steel, miter gauge, 9-inch abrasive disc; adjustable stop guard; 6x4-in., 4-sanding belts: 3-in. machine pulley. For extra sanding discs and sanding belts, see 9 A 2306 and 9 A 2307 listed below.

SPECIFICATIONS:
- Diameter of sanding belt... 6 inches
- Diameter of sanding disc... 5 1/4 inches
- Diameter of sanding drum... 6 inches
- Diameter of idler pulley... 6 inches
- Diameter of miter gauge... 2 1/4 inches
- Mounting dimensions... 6 1/2 x 2 1/4 inches
- Overall size... 18 1/2 x 14 x 13 1/2 inches

99 A M 2235 - CRAFTSMAN 6-inch Belt and Disc Sander as above, with motor, motor pulley, V-belt or bench. Shipping weight 67 pounds... $47.25
99 A M 2233 - CRAFTSMAN 6-inch Belt and Disc Sander as above, with 1/2-H.P., 1750 R.P.M., capacitor ball-bearing 110-120 volt 60-cycle A.C. motor, 365 in. V-belt and 2 1/4-in. motor pulley. Shipping weight 101 pounds... $75.95
99 A M 2348 - Power Tool Bench. Adjustable. (See page 11 for description.) 2 extra slide-plates included for mounting motor. Shpg. wt. 28 lbs... $11.95

DUNLAP 4-inch Sander

REG. U.S. PAT. OFF.

B. 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 mounted on wood or metal, 3-point mounting, self-lubricating bronze bearings. Cast steel body and table. Simple belt tracking adjustment. Fences adjustable; easily removed. With adjustable stop guard: 6x4-in., medium-grit sanding belt; machine pulley. For extra sanding belts, see 9 A 2315 described below.

SPECIFICATIONS:
- Width of belt... 4 inches
- Circumference of belt... 36 inches
- Diameter of sanding belt... 4 1/2 inches
- Diameter of sanding disc... 5 1/2 inches
- Diameter of drum... 4 1/2 inches
- Diameter of motor pulley... 2 3/4 inches
- Mounting dimensions... 6 1/2 x 2 3/4 x 2 3/4 inches

99 A 0234 - DUNLAP 4-inch Belt Sander as above, without motor, motor pulley, V-belt or bench. Shipping weight 19 pounds... $17.50
99 A 0232 - With 1/2-H.P., 1750 R.P.M., capacitor ball-bearing 110-120 volt 60-cycle A.C. motor, 365 in. V-belt and 2 1/4-in. motor pulley. Shipping weight 101 pounds... $32.50
99 A 02140 - Power Tool Bench. (Described on page 11.) Adjustable, 18 in. long. With 2 side cross-slides. 2 extra cross-side slides. 9 A 2016 (described on page 11) needed for mounting motor. Shipping weight 24 lbs... $10.50

Belt Sander Accessories

Disc Cement. Holds sanding discs to metal or wood sanding plates. Non-drying cement to permit quick and easy change of discs. Convenient stick form.

9 A 2219 - 4 1/2 ounce stick... 35¢
9 A 2224 - 16 ounce stick... 75¢

CRAFTSMAN Liquid Cement. Fastens abrasive discs to metal plates. Holds firmly... sets quickly. Top quality!

9 A 2231 - 1 lb. 2 oz... 49¢

Abrasive Sanding Discs. 9-inch diameter. Aluminum oxide on paper.

9 A 2324 - 8-Inch abrasive disc, per piece... 35¢
9 A 2325 - 8-Inch abrasive disc, per dozen... $2.00

Endless Sanding Belts. Aluminum oxide on cloth. For sanding wood or metal. Single face, medium or coarse grit.

9 A 2307 - 4x4-Inch abrasive disc, per piece... 90¢
9 A 2308 - 4x4-Inch abrasive disc, per dozen... $3.60

Shipping weight 8 ounces... $1.10
CRAFTSMAN Disc Sander-Polisher

Precision Ball Bearings...Helical Gears

Hundreds of uses! Perfect for sanding, polishing and buffing on woodworking jobs, floors, walls, furniture, metals, etc. With accessories (below) you can also drill and grind; remove rust, scale, paint, etc. Can be used on wood, metal, plastic, concrete, stone, wallboard; flat or curved surfaces. Also see Floor Polishing Outfit 510D351L and Stand 9A1552 below.

Weights only 6 pounds. No hard rubbing! No pressing! No more aching arms and back! Just plug it in...snap the switch...and it's the machine does your work for you.


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

Accessories included: 10-ft. 3-wire rubber-covered cord with plug; 6-in. flexible rubber sander disc; 7-in. lamb's wool buffering bonnet; 6 assorted sanding discs; and a convenient socket wrench for quickly attaching discs.

SPECIFICATIONS:
- Disc size, diameter: 6 inches
- Overall height, including stand: 7 inches
- Bearings: Precision ball
- Gear: 1600 R.P.M.
- Normal full load speed: About 1000 R.P.M.
- Switch: Trigger type...non-locking
- Length of cord: 10 feet

99 A 02556—Disc Sander-Polisher-Buffer with above Accessories...without carrying case. Shipping weight 10 pounds...
99 A 02551—Disc Sander-Polisher-Buffer with Accessories and steel Carrying Case. Case holds sander and accessories. Shipping weight 12 pounds...

$36.50 CASH WITHOUT CASE
$40.00 DOWN...ON EASY TERMS

CRAFTSMAN Belt Sander

Direct Spiral Gear Drive...3-drum design

Exclusive 3-drum design, long belt with longer belt life, fast belt speed, quality construction throughout—that's why we're convinced this is the best belt sander buy on the market.

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

Greater sanding surface...greater no-load belt speed. 2640 x 3-in. sanding belt is longer, wider than belts used on comparable 2-drum sanders...runs at the high no-load speed of 1200 feet per minute.


SPECIFICATIONS:
- Belt size: 2640 x 3 inches
- Bearings: Motor, precision ball; drums, self-lubricating bronze bearings
- Free speed of belt: 1200 feet per minute
- Dimensions: Height 8 inches; length 11 1/4 inches; width 5 inches

99 A 02556—Sander without case. Shpg. wt. 16 lbs...$58.95
99 A 02230K—Sander with steel case. Shpg. wt. 22 lbs...

See inside back cover for complete Easy Payment details

Accessories for the CRAFTSMAN Disc Sander-Polisher-Buffer

[Descriptions and prices of accessories are listed here]

CRAFTSMAN Belt Sander

Belts...Lubricant

[Descriptions and prices of belts and lubricant are listed here]
**Wood Turning Lathes and Useful Accessories**

**GUNLAP bronze-bearing Wood Lathe**
- 8-in. swing... 24 in. between centers... 36% in. bed. You'd expect to pay much more for a lathe of this quality and capacity! Sturdy, solid construction. 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 bearings on 2 bearings with ball thrust bearing in headstock. Oil well surrounds each.

- 5/8-in. straight unthreaded spindle in headstock and tailstock. End cover removable on outside for turning larger diameter work. Height of tool rest easily adjustable. One wrench fits tool rest slide, tool rest height adjusted and tailstock lock. Rust-resistant gray enameled finish. With tool rest, spur and cutters, wrench, machine pulley and V-belt.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Specifications</th>
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<tbody>
<tr>
<td>99 AM</td>
<td>Steel, in. x 12 R.P.M., thread-No. 1 Morse, female, 2-in. x 24 R.P.M. (2 spindle speeds)</td>
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<tr>
<td>99 AM 2123</td>
<td>3-in., 4-cut, Yoke Type Cone</td>
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<td>99 AM 2122</td>
<td>3-in., 4-cut, V-Type Cone</td>
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<tr>
<td>99 AM 2121</td>
<td>3-in., 4-cut, V-Type Cone</td>
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**CRAFTSMAN “100” Ball-bearing Lathe**
- 9-in. swing... 30 in. between centers... 45% in. bed. By far our finest wood turning lathe. It's a massive, heavy duty production-type tool. Now being used in many large woodworking shops.

The ONLY lathe in this price range with all these features: two sealed radial thrust ball bearings in headstock; lubricated for life. Removable cover on outside end of headstock spindle. Spring-loaded index pin for use in fluting. Exceptionally convenient location of tailstock lock and tailstock ram lock. Bed full 5 1/2 in. wide.

- Extra-heavy cast semi-steel construction. Massive base is rigid and well braced. Three-piece mounting. No. 1 Morse female taper in both headstock and tailstock. Rust-resistant machinery gray enameled finish. With tool rest, spur and cup cutters, wrench, machine pulley and V-belt.

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<tr>
<td>99 AM 2120</td>
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Just a few dollars away is a complete tool kit shipped to your home with Sears Easy Payment Plan. Be sure to see complete details on inside back cover.

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**CRAFTSMAN 6-piece Wood-carving Tool Set**
- For carving models, cutting linoleum, etc.

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**CRAFTSMAN 4-piece Carbide-Tipped Turning Chisel Set**
- Carbide-tipped chisels, carbide-tipped turning chisels, carbide-tipped parting tools with tough, long-life carbide.
- Carbide edges stay sharp up to 150% longer than ordinary edges! Easily sharpened. Rugged, hard-to-harden handles for working wood, plastic, aluminum, and brass.

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**CRAFTSMAN 8-piece Wood-turning Chisel Set**
- Bright polished 4-in. vanadium steel blades; tempered, ground, 8-in. hardwood handles; heavy ferrules. Average over all length, 13-in.
- Includes: 6-in. gouge; 5-in. spear point chisel; 6-in. round nose chisel; 4-in. parting tool; 4-in. skew chisel.

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**Individual CRAFTSMAN Wood-turning Chisels**
- Same quality as in 99 AM 2855 and 99 AM 2856 sets.
- 99 AM 2855—Gouge, 6-in. wide, w. 10-in. 1.75
- 99 AM 2856—Gouge, 6-in. wide, w. 10-in. 1.95
- 99 AM 2857—Gouge, 6-in. wide, w. 10-in. 1.75
- 99 AM 2858—Gouge, 6-in. wide, w. 10-in. 1.95
- 99 AM 2859—Gouge, 6-in. wide, w. 10-in. 1.75
- 99 AM 2860—Gouge, 6-in. wide, w. 10-in. 1.95
- 99 AM 2861—Gouge, 6-in. wide, w. 10-in. 1.75
- 99 AM 2862—Gouge, 6-in. wide, w. 10-in. 1.95

**Precision Ball-bearing 60-degree Center**
- Center point rotates on ball bearing. No. 1 Morse taper shank.

**Innovative Accessory**
CRAFTSMAN "80" Metal Turning Lathe

Only Sears offers you a back-gearered, screw-cutting lathe at anywhere near this low price

There's no other metal turning lathe like it! It's a rugged back-gearered, screw-cutting lathe. Back gears give low 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, model making, experimental work, tool room work, and scores of other small jobs. Smoothly adjusting compound swivel operates on precision machined, dove-tail V-way bed. Spring tension on threading dial assembly gives positive contact at all times. End play eliminated! Compound rest and cross-feed are accurately gilded for when take-up.

Headstock has double bearings of porous bronze; adjustable from bearing. Hardened, ground steel spindle threaded 1/2-in.x20-thread. Forward and reverse lever, spring-operated. Removable No. 0 Morse taper centers. Tailstock may be set over for turning tapers.

Complete with accessories shown above, including two 60-degree centers, 1/4-inch tool bit, Allen wrench, 1/4-inch lathe dog, 4-inch face plate, 4 threading gears, motor pulley, machine pulley, 1/2x36-in. V-belt. Motor not included. We recommend using 1/2-H.P. 1750 R.P.M. motor 99A01974 on page 44.

99 AM 2127—Without motor. Shpg. wt. 61 lbs. $47.50

SPECIFICATIONS:
- Swing over bed: 6 inches
- Distance between centers: 12 1/4 inches
- Spindle: Nose size: 1/4 inch, x 20 thread
taper: 1/4 inch Morse
taper: 1/4 inch
- Bearings: 2 porous bronze
- Thread range: 1/4-20 to 9/16-12
- Feeds: .0024, .0039, .0048, .0078
- Motor recommended (min.): 1/2 H.P., 1750 R.P.M.
- Machine pulley (including): 3-step "V" type
- Motor pulley (included): 4-step "V" type
- Speeds: Six: 120 to 1325 R.P.M.
- Mounting dimensions: 21 7/8 x 16 x 9 1/4 inches.
- Over-all dimensions: 101/4 x 9 x 28 inches.

High quality Accessories to increase the usefulness of above lathe

4-pc. Tool Post Set...

9 A 2008... 54.49

6-piece Formed Tool Bit Set...

9 A 2205...52.25

CRAFTSMAN 3-jaw Universal Lathe Chuck...
- Self-centering, lever-operated. Holds to tolerances within 0.003 inch. Steel jaws, body, scroll, knurled. Fits 1/4-20 thread spindle. Two sets of jaws (outside and inside). With wrench. Diameter 3 inches. Shpg. wt. 3 lbs. 5 oz.

9 A 2296...519.95

CRAFTSMAN 4-jaw Independent Lathe Chuck...
- Steel, 4 reversible jaws especially useful for holding irregularly shaped pieces; deep jaw slots. Acme threaded. Fits 1/4-20 thread spindle. With T-handle wrench. Diameter 3 in. Shpg. wt. 2 lbs. 8 oz.

9 A 2279...79.95

Work Arbor...
- For mounting drill chucks, holding grinding, buffing, wire scratch wheels, etc. Fits 99AM-2127 above, or any lathe with No. 0 Morse taper. Two flanges with nut on end and threaded 1/2-x-20 thread for clamping wheels. Shipping weight 8 oz.

9 A 2117...98c

Work Arbor with Chuck...

9 A 2276...1.65

Tailstock Cup Center...
- Replaceable point; No. 0 Morse taper shank.

9 A 2109—Shipping weight 3 ounces...98c

Sper Center...
- For wood turning, No. 0 Morse taper shank.

9 A 2108—Shipping weight 3 ounces...98c

60-degree Center...
- For accurate centering; No. 0 Morse taper shank.

9 A 2103—Shipping weight 3 ounces...83c

Jacobs Chuck Arbor...
- Precision ground.
- For Jacobs 2921 and 192124 chuck (below). No. 0 Morse. No. 3 Jacobs taper. Postpaid.

9 A 2131—(Shpg. wt. 8 oz.)...$1.00

Jacobs Center Arbor...
- Jacobs No. 292124, 3/4-inch. Use with No. 3 Jacobs taper to support centerless armatures, etc. Postpaid.

9 A 2991—(Shpg. wt. 3 lbs. 2 oz.)...$11.00

Arbor...
- For 9A2991 chuck (listed above). No. 0 Morse and No. 3 Jacobs taper. Precision ground.

9 A 2133—(Shpg. wt. 16 oz)...$1.00

Jacobs Chuck No. 588...
- Capacity 3/4 to 1 1/2 inches. Fits 1/4-20-thread spindle or No. 3 Jacobs taper Arbor. Postpaid.

9 A 2144—(Shpg. wt. 3 lbs. 12 oz.)...$16.50

Drill Chucks...
- Key type chuck; fits with No. 3 Jacobs taper Arbor.

9 A 2142—Capacity 1/4 to 1/2-inch...

Postpaid. (Shpg. wt. 5 lbs. 8 oz.)...$7.50

9 A 2143—Capacity 0 to 1/2-inch...

Postpaid. (Shpg. wt. 2 lbs. 8 oz.)...$8.00

Jacobs Commutator Kit...
- Holds armature shafts. Includes: No. 75 armature driving chuck; No. 100 center rest chuck (1/4 to 1/2-inch capacity); two arbor chucks (No. 2 Morse taper shank); No. 3 Jacobs taper head; chuck key; (Needs two 9A2133 arbors left to be used on above lathe). Metal box. Postpaid. (Shpg. wt. 7 lbs. 4 oz.)...$22.60

9 A 2179...$22.60

Metal Lathe Manual...
- 224 pages of operations, tables, etc. Shpg. wt. 11 oz.

9 A 2925...$1.50
A very low price for an accurate back-geared, screw-cutting lathe of this size. Matches our larger lathes in precision and accuracy. Guaranteed accurate within 1/1000 inch.

$134.50

Cash

$135.00 and up... 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 to 96 threads per inch, right or left hand. Back-in-hand 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 120-degree centers, 1/2-inch tool bit, 9 threading gears, 1/4-inch lathe dog, 1/4-inch V-belt, Allen wrench, 4-inch face plate and two wrenches.

SPECIFICATIONS:

- Distance between centers: 18 inches
- Spindle bearings... 2 porous bronze; 1 ball thrust
- Thread range: 8 to 96, right or left hand
- Feeds: Four: .0024, .0039, .0048 and .0078
- Back gear ratio: approximately 63/1 to 1
- Countershaft and back gear bearings: 4 porous bronze
- Swing over carriage: 4 1/2 inches
- Compound rest travel: 1/2 inch
- Cross slide travel: 4 1/4 inches
- Tailstock taper: No. 1 Morse
- Tailstock ram travel: 1/4 inch
- Tailstock set-over: 1/2 inch
- Motor recommended (minimum): 1/2 H.P. 1750 R.P.M.
- Machine pulley (included): 4-step
- Motor pulley (included): 2-step
- Mounting dimensions: 4 3/4 x 27 1/2 inches
- Over-all dimensions: Height 10 1/4 inches; width 21 3/4 inches; length 33 3/4 inches

Comes with instructions, and accessories shown above.

99 AM 2048—Without motor.
Shipping weight 102 pounds. $134.50

Metal Lathe Manual


9 A 3304 $1.50

Tool Holders

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

9 A 2031 — Threading Tool Holder, No bit. $8.15
9 A 2033 — Straight Tool Holder, No bit. $8.30
9 A 2044 — Right Hand Tool Holder, No bit. $8.30
9 A 2055 — Left Hand Tool Holder, No bit. $8.30
9 A 2087 — Cut-off Tool. $8.85
9 A 2099 — Extra Cut-off blades, 1/2 ir. $9.50
9 A 2060 — Knurling Tool. $8.75
9 A 2050 — Shank, 3-cm. $8.75
9 A 2058 — Shank, 3-cm. $8.75
9 A 2297 — Shank, 3-cm. $8.75

Formed Tool Bit Set

Six-piece set of 1/8-inch tool bits. High speed tool steel, ground and ready to use. Set includes threading bits, left-hand facing bit, left-hand threading bit, right-hand turning bit, right-hand facing bit, and round nose turning bit.

9 A 2043 — Shank, 3-cm. $8.20

Tool Post Set

High speed steel tool. Tools mount directly in tool post. Set includes 4 boring bars, internal threading tool, external threading tool, equalizing tool, and set of tool post spacers for height spacing. Shipping weight 1 pound.

9 A 2297 — Shank, 3-cm. $8.20

Craftsman precision made Lathe Chucks


9 A 2148 — Shank, 3-cm. $8.75

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 screw. Acme threading. Fits 99 AM 2048 lathe above, or any 1-inch x 8-thread spindle. Diameter 4 in. With T-handle chuck wrench; fits deep seat. Shipping weight 3 pounds 12 ounces.

9 A 2138 — Shank, 3-cm. $9.50

24, SEARS, ROEBUCK and CO. Dept. 1
Accessories for CRAFTSMAN 6-inch Swing Lathe... make it more useful

- Spur Centers. Use for wood turning.
  - 9 A 2106—No. 1 Morse taper shank. Shipping weight 4 oz. ... $1.00
  - 9 A 2107—No. 2 Morse taper shank. Shipping weight 7 oz. ... $1.10

- Screw Centers. For facing and bowl-turning operations. Replaceable center.
  - 9 A 2116—No. 1 Morse taper shank. Shipping weight 8 oz. ... $1.30
  - 9 A 2115—No. 2 Morse taper shank. Shipping weight 11 oz. ... $1.65

- 60-degree Centers. For metal turning.
  - 9 A 2110—No. 1 Morse taper shank. Shipping weight 9 oz. ... $0.60
  - 9 A 2111—No. 2 Morse taper shank. Shipping weight 7 oz. ... $0.75

- Precision ball bearing 60-degree center. (Center point rotates on ball bearing.) For high speed operations.
  - 9 A 2112—No. 1 Morse taper shank. Shipping weight 8 oz. ... $2.50
  - 9 A 2113—No. 2 Morse taper shank. Shipping weight 8 oz. ... $2.90

- Taper Attachment. Slotted draw bar connects to carriage cross slide and feeds tool at desired taper. Index plate graduated 7" and 3" in, both sides of center line. Maximum travel, one setting, 1/8" in. Range, right or left, 7" (194 mm) per foot.
  - 9 A 13157—Shaping wt. 1 lb. ... $4.95

- Work Arbor. For mounting chucks and holding grinding, buffing and wire scratch wheels, etc. 2"-8 thread, 2 steel flanges with lock on head end for clamping wheels. Morse taper shank.
  - 9 A 2152—No. 1 Morse taper shank. Shipping weight 12 oz. ... $1.10
  - 9 A 2153—No. 2 Morse taper shank. Shipping weight 16 oz. ... $1.60

- Centaur Drill. Combination drill and countersink. In 3/8" or 1/4"-size. Shore size union.
  - 9 A 2105—Shaping wt. 1 oz. ... $0.45

- Reversing Switch. Reverses motor and spindle direction in grinding, polishing, tapping, wood or metal finishing. Not for explosion-induction motors.
  - 9 A 2754—Shipping weight 1 lb. 6 oz. ... $2.00

- Face Plate. For driving lathe dog and work for wood turning. 4-1/4 in. diameter. For use on 99 A 2018 lathe (see page) and other lathes with 1 in. 8-threaded spindle. Shipping weight 3 lbs.
  - 9 A 2470—Shipping weight 3 lbs. 4 oz. ... $3.25

- Work Arbor and Chuck. Cones to fit 1/4", 1/2" and 1"-8 thread. 2 shanks for 0.002" and 0.004" accuracy. Morse taper shank.
  - 9 A 2152—No. 1 Morse taper shank. Shipping weight 12 oz. ... $1.10
  - 9 A 2153—No. 2 Morse taper shank. Shipping weight 16 oz. ... $1.60

- Milling Attachment. Has graduated swivel vise, flat block and V-block for holding cylindrical objects. Vise capacity 2 inches; vertical feed 1/8" inches. Graduated angular scale. Shipping weight 8 lbs. 12 oz. ... $24.50

- Follower Rests. Mounts on back of carriage dovetail slide. Moves with cutting tool to provide support needed to prevent deflection when turning long, slender work. Shipping weight 1 lb. 9 oz. ... $7.25

- Holder Collet. This attachment fits in the headstock spindle; will hold threaded-hole angular milling cutters, keyway cutters and 45-degree end mills. Shipping weight 1 lb. 10 oz. ... $9.50

- Follow Up. Reduces the amount of weight on the blade by 50%.
  - 9 A 2057—Shipping weight 3 lbs. 2 oz. ... $1.50

- Crafstman "50" Power Hack Saw

- Crafstman "50" Power Hack Saw

Cuts accurately unattended! Draw-cut type; automatic relieving mechanism lifts blade from work on back stroke. Saws iron, steel, brass, aluminum, etc. 5 in. stroke; 60 strokes per minute, at 400 R.P.M. Heavy cast iron vise; quick locking. Cast semi-steel side and arbor. Cone type arm pivot; adjustable. Takes any standard 12-inch power hack saw blade (one included).

- Specifications:
  - Capacity, maximum: 64x inches
  - Angle cut: 90 to 45 degrees
  - Bearings: 0.002" precision bronze
  - Base size: 32x18
  - Mounting dimensions: 12x18

- Price: $1.95

Accessories for 6-inch Swing Lathe

- Taper Attachment. Slotted draw bar connects to carriage cross slide and feeds tool at desired taper. Index plate graduated 7" and 3" in, both sides of center line. Maximum travel, one setting, 1/8" in. Range, right or left, 7" (194 mm) per foot.
  - 9 A 13157—Shaping wt. 1 lb. ... $4.95

  - 9 A 15157—Shipping wt. 1 lb. ... $6.25

- Cross Slide. Clamps to cross slide dovetail for making duplicate cuts.
  - 9 A 13157—Shipping wt. 8 oz. ... $4.15

- Carriage Stop. Clamps to bedway to indicate carriage stopping point.
  - 9 A 21587—Shipping wt. 1 lb. ... $5.75

- Carriage Stop. Clamps to bedway to indicate carriage stopping point.
  - 9 A 21587—Shipping wt. 1 lb. ... $5.75

- Work Arbor. For mounting chucks and holding grinding, buffing and wire scratch wheels, etc. 2"-8 thread, 2 steel flanges with lock on head end for clamping wheels. Morse taper shank.
  - 9 A 2152—No. 1 Morse taper shank. Shipping weight 12 oz. ... $1.10
  - 9 A 2153—No. 2 Morse taper shank. Shipping weight 16 oz. ... $1.60

- Centaur Drill. Combination drill and countersink. In 3/8" or 1/4"-size. Shore size union.
  - 9 A 2105—Shaping wt. 1 oz. ... $0.45

- Reversing Switch. Reverses motor and spindle direction in grinding, polishing, tapping, wood or metal finishing. Not for explosion-induction motors.
  - 9 A 2754—Shipping weight 1 lb. 6 oz. ... $2.00

- Face Plate. For driving lathe dog and work for wood turning. 4-1/4 in. diameter. For use on 99 A 2018 lathe (see page) and other lathes with 1 in. 8-threaded spindle. Shipping weight 3 lbs.
  - 9 A 2470—Shipping weight 3 lbs. 4 oz. ... $3.25

- Work Arbor and Chuck. Cones to fit 1/4", 1/2" and 1"-8 thread. 2 shanks for 0.002" and 0.004" accuracy. Morse taper shank.
  - 9 A 2152—No. 1 Morse taper shank. Shipping weight 12 oz. ... $1.10
  - 9 A 2153—No. 2 Morse taper shank. Shipping weight 16 oz. ... $1.60

- Milling Attachment. Has graduated swivel vise, flat block and V-block for holding cylindrical objects. Vise capacity 2 inches; vertical feed 1/8" inches. Graduated angular scale. Shipping weight 8 lbs. 12 oz. ... $24.50

- Follower Rests. Mounts on back of carriage dovetail slide. Moves with cutting tool to provide support needed to prevent deflection when turning long, slender work. Shipping weight 1 lb. 9 oz. ... $7.25

- Holder Collet. This attachment fits in the headstock spindle; will hold threaded-hole angular milling cutters, keyway cutters and 45-degree end mills. Shipping weight 1 lb. 10 oz. ... $9.50

- Follow Up. Reduces the amount of weight on the blade by 50%.
  - 9 A 2057—Shipping weight 3 lbs. 2 oz. ... $1.50

- Crafstman "50" Power Hack Saw

- Crafstman "50" Power Hack Saw

Cuts accurately unattended! Draw-cut type; automatic relieving mechanism lifts blade from work on back stroke. Saws iron, steel, brass, aluminum, etc. 5 in. stroke; 60 strokes per minute, at 400 R.P.M. Heavy cast iron vise; quick locking. Cast semi-steel side and arbor. Cone type arm pivot; adjustable. Takes any standard 12-inch power hack saw blade (one included).

- Specifications:
  - Capacity, maximum: 64x inches
  - Angle cut: 90 to 45 degrees
  - Bearings: 0.002" precision bronze
  - Base size: 32x18
  - Mounting dimensions: 12x18

- Price: $1.95
High-Quality Accessories for the Craftsman Metal-Turning Lathe Above

Tool Holders. Steel forgings. Shank 1/2-in. high, 1/4-in. wide.

(C) 9 A 2234 — Offset, left, Wt. 10 oz. $2.40
(D) 9 A 2192 — Offset, right, Wt. 10 oz. $2.40
(E) 9 A 2196 — Straight, Wt. 10 oz. $2.40
(F) 9 A 2191 — Threaded, Wt. 10 oz. $2.40
(G) 9 A 2230 — Cut-off, Wt. 1 oz. 3.15
(H) 9 A 2238 — Extra blade, Wt. 4 oz. 90c
(I) 9 A 2220 — Knurling tool, Wt. 1 oz. 43c

Six Formed Tool Bits. Shank 1/2-in., Fit holders above.

(J) 9 A 2205 — Threading, left hand facing, right hand facing, round nose turning, right hand turning, and left hand turning bits.

Micro Meter Carriage Stop. Has adjustable micrometer stop for stopping carriage in boring or facing to a given depth, duplicating longitudinal cuts, etc. 9 A 2478 — 6-in. Shpg. wt. 6 lbs. $6.50

Lathe Dog. Malleable iron, 5/16, 1/4, or 5/8-in. thick, State size wanted.

(L) 9 A 2078 — Shpg. wt. 14 oz. $0.45

Nose Undercutter. Screw feeds regulate height of cutter and carriage feed to a given depth, duplicating longitudinal cuts, etc.

(M) 9 A 2989 — Shpg. wt. 11 lbs. $46.50

CRAFTSMAN 4-Jaw Independent Chuck. Four reversible jaws work independently. Acme threaded, T-handle chuck wrench.

(N) 9 A 2479 — Fits 1/8-in. by 8-thread spindle. Diameter 6 in. Shpg. wt. 10 lbs. $21.95

CRAFTSMAN 3-Jaw Universal Chuck. Two sets of jaws, one for outside and one for inside. Same as above, except 1/8 thread.

(P) 9 A 2298 — Fits 1/8-in. by 8-thread spindle. Diameter 6 in. Shpg. wt. 10 lbs. $21.95

CRAFTSMAN 2-Jaw Universal Chuck. For gear type. Two sets of jaws (outside and inside). Socket socket wrench included.

(Q) 9 A 2229 — Fits 1/8-in. by 8-thread spindle. Diameter 6 in. Shpg. wt. 10 lbs. $21.95

Accessories shown on these two pages can be used on above Lathe, and also on our previous models 2065, 2067, 2069, 2071, 2073 and 2077.
**Convert your 12-in. Lathe to a Turret Lathe!**

**Craftsman Feed Lever**
- For use on Craftsman 12-in. Metal Lathes 99A2743, 99A2744, and 99A2744 pages 26 and 27.
- Helps cut operating costs . speeds up all cross-carriage turner action. Install in place of standard screw. (See shipping notice at bottom of page.)
- 9 A 1509F - Shipping weight 8 lbs. $11.50

**Craftsman Cross Slide Turret Assembly**
- For use on Craftsman 12-in. Metal Lathes 99A2743, 99A2744, and 99A2744 pages 26 and 27.
- Consists of Four-Way Tool Post Turret 9A1899F and Back Slide Tool Post 9A1890F, mounted on Double Cross Slide 9A1885F. (Also sold separately.)
- Operated by standard hand feed or power cross feed of lathe. Turret head replaces your existing cross slide in any one of four operating positions. Back Slide Tool Post permits fifth operation. Depths of cuts controlled by adjustable stops. Recommended for right hand use. (See shipping notice at bottom of page.)
- 99 A 1508F - Shipping weight 28 lbs. $255.00

**Craftsman Four-Way Tool Post Turret only.**
- Can be released by convenient lock handle, and operated quietly and easily. (See shipping notice at bottom of page.)
- 9 A 1506F - Shipping weight 9 lbs. $145.00

**Craftsman Back Slide Tool Post only.**
- Permits a fifth operation, when used in conjunction with cross slide. (See shipping notice at bottom of page.)
- 9 A 1509F - Shipping weight 5 lbs. $113.00

**Craftsman Double Cross Slide only.**
- Replaces standard compound rest assembly, on standard cross-screw lathes. Adjustable stops at front and back. May be set to indicate correct depths of cut. (See shipping notice.)
- 9 A 1508F - Shipping weight 10 lbs. $127.00

**Craftsman “Multi-Stop” Attachment**
- For use on Craftsman 12-in. Metal lathes 99A2743, 99A2744, and 99A2744 pages 26 and 27.
- Recommended for gauging length of each cut quickly and accurately. Mounts on Existing Compound Rest (9A15013).
- Includes 6 adjustable stops and 6 adjustable stops for dovetails. (See shipping notice at bottom of page.)
- 9 A 1509F - Shipping weight 3 lbs. $12.25

**Craftsman Turret Lathe**
- For use on Craftsman 12-in. Metal Lathes 99A2743, 99A2744, and 99A2744 pages 26 and 27.
- Semi-automatic indexing head has six 5/8-in. holes for tool holders; each permits a separate operation. Turret head locks in position by advancing hand feed lever to extreme right so next tool may be positioned accurately and quickly. Turret head locks in position by advanced hand feed lever; index automatically by a spring loaded stop and is accurate to 1/4 of a turn. (See shipping notice.)
- 9 AM 1509F - With head bored. Complete with special turret, lever feed, stops, Shpg. wt. 93 lbs. $330.00

**Craftsman Lever-type Turret**
- For use on Craftsman 12-in. Metal Lathes 99A2743, 99A2744, and 99A2744 pages 26 and 27.
- Semi-automatic indexing head has six 5/8-in. holes for tool holders; each permits a separate operation. Turret head locks in position by advancing hand feed lever to extreme right so next tool may be positioned accurately and quickly. Turret head locks in position by advanced hand feed lever; index automatically by a spring loaded stop and is accurate to 1/4 of a turn. (See shipping notice.)
- 9 AM 1509F - With head bored. Complete with special turret, lever feed, stops, Shpg. wt. 93 lbs. $330.00

**Craftsman Lever-type Turret**
- For use on Craftsman 12-in. Metal Lathes 99A2743, 99A2744, and 99A2744 pages 26 and 27.
- Semi-automatic indexing head has six 5/8-in. holes for tool holders; each permits a separate operation. Turret head locks in position by advancing hand feed lever to extreme right so next tool may be positioned accurately and quickly. Turret head locks in position by advanced hand feed lever; index automatically by a spring loaded stop and is accurate to 1/4 of a turn. (See shipping notice.)
- 9 AM 1509F - With head bored. Complete with special turret, lever feed, stops, Shpg. wt. 93 lbs. $330.00

**New! Craftsman Lathe Table**
- Especially designed to provide an extra-strong, rigid support for your Craftsman 12-in. Metal Turning Lathe. Enables you to do more accurate work. Legs are heavy gray iron castings, thickly ribbed and cross-connected. Legs alone weigh 93 lbs. Overall structure weighs 250 lbs. Size: 28 x 17 x 9 in. (See shipping notice.)
- 99 A 1509F - Shipping weight 110 lbs. $227.50

**Additional Accessories for Craftsman 12-in. Metal Lathe**
- **Angle Plate.** Simplifies off-center work and machining of odd-shaped pieces. Fits all Craftsman lathes. (See shipping notice.)
- 9 A 1501F - Shipping weight 1 lb. $15.80

- **Boring Tool Holder.** Complete with clamp ring (13/8-in., outside diameter, 3/8-in. inside diameter), V-block, back, and 13/4-in. high-speed tool. Clamp ring has 3 slots to hold l/4-in., 3/8-in., and 5/8-in. diameter tools. (See shipping notice.)
- 9 A 1510F - Shipping weight 1 lb. $23.75

- **Draw-in Collet Chuck Attachment.** For use with 13/4-in. draw-in collet chuck. (See shipping notice.)
- 9 A 1512F - Shipping weight 1 lb. $23.75

- **Hole Stop.** Shown in cross slide dovetail. (See shipping notice.)
- 9 A 1513F - Shipping weight 1 lb. $23.75

**SHIPPING NOTICE:** All items on this page are shipped from factory in southern Michigan. You may purchase from stock in your area and take delivery.
Chucks and Accessories for Drill Presses, Lathes, etc.

Extra Fine Quality CRAFTSMAN screw-on 3-jaw Checks. Tapped to fit 1/4"-inch by 20-threaded spindles. Check spindle size.

- 9 A 2243—1/4"-inch capacity. Shpg. wt. 12 oz. $1.00
- 9 A 2232—2"-inch capacity. Shpg. wt. 13 oz. $1.00
- 9 A 2230—3"-inch capacity. Shpg. wt. 15 oz. $1.00

Key Checks for Electric Drills

- 9 A 2036—Shaping 1/4"-inch. Shpg. wt. 3 oz. $1.00
- 9 A 2038—Arbor with 3-jaw, 1/4"-inch Drill Chuck. Fits 1/4"-inch by 20-threaded spindles. Fits 1/4"-inch by 20-threaded spindles, 1/4"-inch. Shpg. wt. 5 oz. $1.00

Abrasive Disc Holders. Ideal for converting lathe, drill press, etc. into a sander or polisher.

- 9 A 2466—1/2"-inch capacity. Has 1/4"-inch straight shank. Shipping weight 550. $62.50
- 9 A 2467—1/2"-inch diameter. Use on 1/2"-inch by 20-threaded spindles. Shipping weight 550. $62.50


- 9 A 2201—Direct reading driving mounted between centers. Shpg. wt. 6 oz. $95.00
- 9 A 2202—Tailstock Lathe Center. Supports work in stock. $95.00

Screw centers. For facing and honing operations. Replaceable center tap shank.

- 9 A 2101—1/4"-inch thread. Shpg. wt. 1 oz. $1.65
- 9 A 2102—1/8"-inch thread. Shpg. wt. 1 oz. $1.65

CRAFTSMAN 4-jaw Indepedent Chucks. Precision made of finest materials. Body of special alloy steel has deep, wide jaws for added strength and greater bearing surface.

Four reversible jaws, drop forged from a solid bar of special steel, work independently; especially useful for holding irregular shaped pieces. Large size jaw inserts. A set supplied with chuck, jaws, and wrench included. Fit any lathe with spindle diameters and threads per inch listed below. Sizes available to fit 3 different threaded lathes spindles.

- 9 A 2127—Fits 1/4"-inch by 24-threaded spindle. Diameter 5". Shipping weight 6 pounds $7.95
- 9 A 2128—Fits 1/2"-inch by 20-threaded spindle. Diameter 5". Shipping weight 6 pounds $7.95
- 9 A 2129—Fits 1/4"-inch by 24-threaded spindle. Diameter 4". Shipping weight 6 pounds $7.95
- 9 A 2130—Fits 1/2"-inch by 20-threaded spindle. Diameter 5". Shipping weight 6 pounds $7.95
- 9 A 2131—Fits 1/4"-inch by 24-threaded spindle. Diameter 4". Shipping weight 6 pounds $7.95

You can buy anything in this book on Sears Easy Terms. See inside back cover for complete information.
No shop is completely without a Grinder!

CRAFTSMAN heavy duty Grinder
Porcelain bronze bearings; oil well around each journals smoother running. Drive from rear or before, 154x1435, spindle: 55-in. at ends, outstanding. Take off 2x5-in. wings with 55-in. rollers, 2 combination pulleys for flat or V-belts, 36-inch pulley block for double V-drive. Adjustable tool rest. Gray enameled.

99 A 066238 — Head only. Without motor, motor, pulley. V-belt or grinding wheels.
Shipping weight 24 lbs. 


9 A 6421 — Gooseneck, For 99 A066269, 9-in. capacity, Shpg. wt.: 7 lbs. 8 oz. Pair $2.45
9 A 6420 — Single or w. Holser, For 99 A066269. To hold mower knives easily while sharpening. Shipping weight 4 lbs. $3.10

CRAFTSMAN General purpose Grinder
Low priced, 114x14-in. spindle. 55-in. at ends. Porous bronze bearings; oil well around each. Drive from rear or before. Holds wheels up to 8x1-in., 2-in., flat, and single V-pulley. Gray enameled.

9 A 6616 — Grinder head only. Without motor, motor, pulley. V-belt or grinding wheels. Shipping weights: 9 lbs. $4.95
99 A 66235 — With Dunlap 54-H.P., 1750 R.P.M. split phase 110-120 volt 60-cycle A.C. motor, 4-in. motor pulley, 5x35-in. V-belt. Shpg. wt.: 34 lbs. $20.50
9 A 66109 — Same as No. 6616 above, but with built-in 8-in. grinding wheels. Shipping weight 15 lbs. $17.95
99 A 66234 — Same as No. 66109, but with Dunlap 34-H.P., 1750 R.P.M. split phase 110-120 volt 60-cycle A.C. motor, 4-in. motor pulley, V-belt. Shpg. wt.: 42 lbs. $22.75

CRAFTSMAN 4-Inch Grinder
Low priced. Cast iron frame; gray enameled. 8x1-in. spindle, 55-in. at ends; 20-thread. Extra-long porous bronze bearings; oil well around each. Spring cap oil cups. Adjustable guards, tool rest. Shipped 2-step V-drive pulley for 55-in. V-belt. Gray enameled. Takes standard accessories; drive from rear or below. With two 5x35-in. v-triized grinding wheels (fine and medium grits).

99 A 06614 — Grinder head and wheels only. Without motor, motor, pulley. V-belt. Shpg. wt.: 19 lbs. $12.95
99 A 06655 — Head only. With Dunlap 54-H.P., 1750 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 5-in. motor pulley, V-belt. Shpg. wt.: 44 lbs. $26.75

CRAFTSMAN Wet Grindstone
Extra heavy duty, Highest quality natural Ohio grindstone, 10-in. diameter, 154-in. face. Built-in jackshaft. Heavy cast iron frame; iron bearings. Adjustable 3-in. tool rest. Hinged splash guard. Drain plug. With 4x5-in. drive pulley. Use 1-in. or 8x3-in. pulleys. Motor not included. (We recommend 99 A061140 bench, with 2 extra 99 A061206 cross slide-rails; see page 11 of this catalog.)

9 A 6610 — Without motor, motor, pulley, V-belt or bench. Shpg. wt.: 32 lbs. $12.50
99 A 66273 — With Dunlap 54-H.P., 1750 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 5-in. motor pulley, V-belt, Shpg. wt.: 56 lbs. $77.50
9 A 6621 — Replacement Stone for above. Shipping weight 13 pounds. $3.75

Polishing Heads
Low-priced Polishing Head. Well balanced. Sharpens tools, grinds, polishes, drills, etc., when used with proper accessories. 10-in. high, Spindle 7x34-in.; 20-thread. Stamped steel collars. Can be driven from rear or below. 2-in. pulley for V-belt. Motor 1 HP. 9 A 6615 — Shpg. wt.: 3 lbs. 7 oz. $2.50

CRAFTSMAN general purpose Polishing Head. Cast iron frame; gray enameled. Spindle threaded 14x-in. x-thorough. Porous bronze bearings; oil well around each. Spring cap oil cups. Height 7x34-in. Machine screw flanges. Takes standard accessories; drive from rear or below. 2-in. pulley for V-belt. 9 A 6627 — Without motor, motor, pulley or V-belt. Shpg. wt.: 6 lbs. $14.25

CRAFTSMAN heavy duty Polishing Head.
Heavy cast iron frame; gray enameled. Height 9x34-in. Drive from rear or below. Takes standard accessories, 2-inch V-type pulley for 5x35-in. V-belt. 99 154x1435-in. spindle, 55-in. at ends; 20-thread. Porous bronze bearings; oil well around each. Spring cap oil cups. 3-jaw, screw-on type chuck. 8-in. capacity. Machined steel collar.

9 A 6627 — Head only. Without motor, motor, pulley or V-belt. Shpg. wt.: 8 lbs. 3 oz. $7.25
99 A 66258 — With Dunlap 54-H.P., 1750 R.P.M. split phase 110-120 volt 60-cycle A.C. motor; 5-in. motor pulley, V-belt. Shipping weight 35 lbs. $21.95
CRAFTSMAN Shaper

Handles ALL Shaping Operations

- 7-inch Stroke
- Crank Type Ram Drive
- Four Speeds
- Five Automatic Cross Feeds
- V-Belt Power
- Timken Roller Bearings

NEW! The CRAFTSMAN 7-inch Metal Shaper is built to handle ALL shaping operations... and the 35-inch to 7-inch ram stroke gives you a capacity that covers almost every shaping job. You save big money in investment with the smaller size, and ensure more precise finishing possible further savings in set-up costs. The 35-H.P. motor required keeps power costs down. Engineering excellence and precise precision features produce extreme accuracy. Shaper is compact, and easy to set up and operate. You can put this CRAFTSMAN in your shop for only $410.00 Down.

Crank Type Drive—An important factor in the long-lived life and operational power of the CRAFTSMAN Shaper. Semi-steel ball-gear (10 pitch teeth, 8 inch face) supported by two heavy-duty Timken tapered roller bearings (one in shaper frame, one at outer end of ball-gear sleeve). Toes fine bearings take extreme heavy loads and absorb all end thrust. Pinion gear shaft runs free in bearings. Provided on V-belt drive from motor to pinion shaft. 4-step counter drive and pinion-steel, single stage, 712 and 186 strokes per minute. Five automatic cross feeds for every direction: 005, 010, 015, 020, 025 in. per stroke. Feed screw has Acme threads, micro-meter graduated collar, and runs on roller bearings.

Massive box-type column, thickly ribbed and braced for rigidity and accuracy. Cross rails and guides for ram ways cast integrally with column. Cross rails guide ways and guide tables guide accurately machined and hand-fitted, gibbs and laminated shims for full take-up adjustment. Bevel gear pinion and pinion shafts bored and line-reamed. Panel right side of column and shaper frame, providing easy access for lubrication. Adjustable V-belt counter shaft and motor base attached directly to column. Counter shafts driven ram with adjustable motor. Counter shaft bracket slots for bolt adjustment. Hardened ground counter is T-shaped in trunnions on roller bearings. Box-type table supported by cross rails and adjustable brace at end; locks are at any angle. Three T-slots in top of table for vise or work, aligning keyway on right side; two slots in each side for bolting hole. Top finished by shaper itself. Crank-operated table elevating screw. Vise graduated to 90° in both ways, swivels, and locks at any angle. Steel jaw inserts.

Specifications

- Length of Ram Stroke: 74 to 7 inches
- Stroke: 78, 122, 186 inches
- Cross Feeds (both directions): 000, 010, 015, 020, 025 inches per stroke
- Number of Cross Feeds: 5
- Distance to Ram: Maximum 354 inches; Minimum 3 inches
- Pinion Speed: 1570 to 7250 R.P.M.
- Ram Length: 17 inches
- Ram Bearing in Column: 74 inch wide, 7 inch high, 12 inches long
- Ram Position Range: 0 to 250°
- Tool Head Diameter: 4 inches
- Tool Head Height: 3 inches
- Tool Post: Takes 0.5 inch tool bits or holder for 0.5 inch tool bits
- Collar graduated in 00ths—swivel clamps
- Gear Ratio: 1 to 1
- Cutter Speed: 850 to 1000 ft. per minute
- Table Dimensions: 850 x 650 inches deep overall, 7 inch long finished surface
- Table Travel: 74 inches horizontal, 5 inches vertical
- Three T-slots on Table Top: 354 inches
- Vise Jaw: 414 inches
- Vise Swivel Base: 414 inches, opens 4 inches
- 414 inches graduated to 90° left and right.

Shapen 196100—CRAFTSMAN 7-inch Shaper, complete with safety guards, vise, counter shaft, V-grip drive, crank handle, wrenches, instructions. Shaped from factory in southern Michigan. You pay shipping charges on delivery. Shpg. wt. 350 lbs. $41 down $25.50 monthly. $410.00

$41.00 DOWN... ON EASY TERMS

Tools, Attachments, and Accessories for the CRAFTSMAN Shaper

A CRAFTSMAN Extension Tool. Extra clearance for internal work. Available for all shapes (examples above). Drop forged holder, 35 x 35 x 35 inch polished steel bar with broadhead hole for high-speed cutter bit. With cutter bit and wrench.

A 1011—Set of 6 CRAFTSMAN Cutter Bits, 2-1/4 inch wide, 74 inch, 10000 rpm, Shpg. wt. 6 lbs. $17.60

A CRAFTSMAN Tool Holder. For working beneath the table and providing additional cutting power. Includes hold down and two milling bits. Swivel lock at any one of 5 positions. With 4 inch high-speed cutter bit.

A 1019—Holder, 2 lbs. $4.00

A 1018—Set of 10 CRAFTSMAN Formed Cutter Bits. Styles as shown. High-speed steel 35 x 35 inch. Use in Tool Holder 1019, 10000 rpm. Shpg. wt. 1 lb. $4.40

A CRAFTSMAN Unground Cutter Bit Sets. A 1020—6 bits, 4 inch wide, 1 inch drill, 12 washer bolts, Shpg. wt. 1 lb. $8.10

A 1021—12 bits, 3 inch wide, 1 inch drill, 24 washer bolts, Shpg. wt. 1 lb. $12.50

A 1022—6 bits, 3 inch wide. (for tool post). Shpg. wt. 12 oz. $4.40

A CRAFTSMAN Angle Plate. For holding work at right angles, for turning complex shapes that can't be gripped in vise or bolted to table. Outer faces are precision ground; have four holes for bolting. Two holes for bolting plate to shaper table T-slots. Base angle is 90°. Shpg. wt. 3 lbs. $8.70

A CRAFTSMAN Rotary Index Table. Holds work at right angles, and dividing operations. All table surfaces precision ground. Three T-slots for positioning and locking work. Table swivels to any angle, locks with two bolts to circular T-slots in base. Holes spaced on 1/2 inch radius. Swivel base graduated 0° to 90° left and right. Table diameter 35 inches. Height to top of table 5 inches. Complete with four base clamping bolts and wrench.

A 1012—Shpg. wt. 14 lbs. $47.60

A CRAFTSMAN Index Centers. For dividing operations requiring precision repositioning. Gear cutting, and squaring shafts. Base casting held to T-slots in shaper table by cap screws. Support for inner center cast in base. Center support may be positioned from 0° to 90° left and right. 8 inch long and locked by bolts which travel in two base T-slots. Screw with ball crank operates adjustable center. Two index plates furnished, each with two sets of indexing holes engaged by a lock pin (30 and 36 holes, 28 and 48 holes). Spindle is locked in position by clamping, adjustable and between bases 8 in. Max. swing 8 inches. Base 14 x 35 x 8 inches. Use 35 inch chuck, dog, dog driver, bolts.

A 1013—Shpg. wt. 25 lbs. $56.65

A CRAFTSMAN Shaper Lamp. 15 inch flexible cable. Universal mounting bracket with clamp screws for fastening lamp to ram plate. Push-through switch.

A 1057—Shpg. wt. 2 lbs. $6.85

Floor Cabinet

CRAFTSMAN Shaper Floor Cabinet. Provides the right mounting needed for accurate Shaper work. Legs, top, and shelf are heavy 13 gauge steel with spot welded joints. Sides of top flared to catch oil. Large shelf provides handy storage space for tools, attachments, etc. Cabinet is 28 inches long, 18 inches wide, and 32 inches high. Shipping wt. 80 lbs.

$51.75

Pay for your Shaper and the tools and accessories you need while you use them. See inside back cover for details of Sears Easy Terms.
Milling Machine...compact, accurate, priced low

Designed, built and priced to take its place in almost every kind of shop! In production and tool room shops, this economical CRAFTSMAN adapts itself to special jobs...cuts costs and increases production. It's engineered for the accuracy demanded by research, laboratory and manufacturing shops. And it's ideal for the limited budgets of school and home shops...compact to allow more pupil stations...rugged to stand up under inexperienced student use.

Overarm, support bracket and outboard arbor support (shown on machine) insure accurate work by maintaining rigid horizontal position of arbor and cutters. Adjusts quickly; easy to remove and mount. (Other features shown at right.)

Equipment furnished: CRAFTSMAN "Change-O-Matic" controls, integral V-belt countershaft, belts and pulleys for complete V-belt drive, motor pulley for 1/2 in. diam. motor shaft, motor mounting bracket, 12-ampere control switch (single phase only), and complete operating instructions. Less arbor and motor. Net weight 205 lbs. Shipped from factory in southern Michigan. You pay shipping charges from there on delivery.

99 A 1ML50—Shipping weight 278 pounds...

**$563.00**

99 A 01977—CRAFTSMAN Capator Motor, 3/4-H.P., 1750 R.P.M., for 110-120 volt 60-cycle AC, 3/4-in. double-ended stud. Complete description page 45. Shpg. wt. $3 lbs...

**$26.50**

**SPECIFICATIONS:**

- **Longitudinal table travel...**
- **Reversible automatic longitudinal power feeds...**
- **Power revolution of automatic longitudinal power feeds...**
- **Range...**
- **Cross table travel...**
- **Vertical table travel, hand-operated...**
- **Center of spindle to table in lowest position...**
- **Table working surface, precision ground...**
- **Overall table dimensions...**
- **Table T-slots...**
- **Spindle...**
- **Arbor diameter...**
- **Center of arbor to underside of overarm...**
- **Backgear ratio (approximate)...**
- **Unit bronze backgear shaft, counterbores...**
- **Motor recommended...**

**$50.00**

Modern V-belt drive transmits maximum power to spindle of all eight speeds (162, 130, 212, 440, 450, 870, 1400 and 2870 RPM). Quick-change type countershaft; belt tension lever in easy reach for speed changes. T-slot in center of top for bolting work and attachments. V-groove on each side of T-slot for bearing bosses. Backgear drive adds stability to spindle, provides power for heavy work. Spindle turned from steel bar.

Rugged table support. Knee casting supported by two 3/4-in. bearings on column ways and byressing as shown. Gibs lock permits rigid position of any height. Machined dovetail for saddle. Back bearing has Y-sleeves, dovetail casting has 3-sleeves, dovetail bearing on knee, 6-in. on table. Dovetail ways hand fitted. Gibs lock permits positioning saddle securely at any point on knee.

**$230.00**

**High Speed Milling Cutters for CRAFTSMAN Milling Machine**

- **A. Draw-in Bar.** Required to hold arbors 9 A 15569 or 9 A 15606 (see B below) and shank cutters 9 A 15668 (J at right) in spindle tapers.
- **B. Cutter Arbors.** Ground streeproofed steel with full length keyway and No. 2 Morse taper shank. Driver threaded for spindle nose. Six precision-ground 1/4-in. diam. collars furnished (two 2-in., one 3-in., one 5-in. and one 7-in.), length, shoulder to nut, 5/8-in. Draw-in bar 9 A 15616 (A above) required.
- **C. End-mill Bushings.** Required to adapt all end mills 9 A 29979 (except 5 in.) to shank cutter adapter 9 A 15569 (J below). Shpg. wt. 1 lb...
- **D. Shank Cutter Adapter.** Holds 14-in. diameter shank cutters (ends, angular cutters, Woodruff keyway cutters) in spindle in draw-in bar 9 A 15616 (A at left) required.
- **E. Draw-in Bar.** Required for running in toolroom...R.H. Spiral End Mills. For slots, straight keyways, facing, routing, squaring and profiling shafts. Held in shank cutter adapter 9 A 15569 (J at right) with bushings 9 A 29979 (B at right).
- **F. Shelf End Mill Driver.** Required for end mill 9 A 15659 (M above). Threaded for spindle nose; 2 driving pins for cutter slot, pilot for cutter hole, retained screw.
- **G. Woodruff Keyway Cutters.** For cutting Woodruff keyways, slots, grooves, T-slots, etc. Straight shank held in shank-cutter adapter 9 A 15668 (J at right). Complete description page 45. Shpg. wt. 8 lbs...

**All items listed above except number 9A2985 shipped from factory in southern Michigan. You pay shipping charges from there on delivery.**
CRAFTSMAN
Ball Bearing Drill Presses
Equipped with Jacobs "Safe-Lock" Chuck

The Jacobs "Safe-Lock" Chuck is exceptionally safe, amazingly accurate. Has a swiveling threaded lock collar which screws securely onto spindle of drill press. The threaded collar keeps the chuck firmly seated on the tapered spindle...the chuck CANNOT possibly fly off the spindle regardless of speed or type of thrust.

The Jacobs "Safe-Lock" Chuck eliminates the necessity of using special collet chucks or similar adapters for holding routing, carving or dovetailing bits.

These outstanding features make the Jacobs "Safe-Lock" one of the most important chuck improvements in years! Drill Presses 99AM3314 and 99AM3313 at right, and 99AM3304 and 99AM3362 by opposite page are equipped with "Safe-Lock" Chucks.

New! Drill Press Cover
Protects pulleys, V-belt and spindle...improves appearance of your drill press. Specially made to fit Press drill press series, CRAFTSMAN models 99AM3314 and 99AM3313. Made of cast aluminum. Painted -- matches color of drill press head. Complete instructions and necessary hardware for installing included. Shipping freight or express from factory in southern Michigan from where you pay transportation charges on delivery.

99 A 23127--Shipping weight 7 lbs. $13.95

"100" Drill Presses
Ball bearing industrial type

Dull to center of 15-inch circle. Our finest! Extra heavy duty! We believe they're unmatched ANYWHERE in this price range! Meet the most rigid demands of professional craftsmen. Streamlined head...no unsightly spindle above head. Spindle "dovets" within pulley! Four sets of heavy duty, shielded, precision ball bearings, lubricated for life! Three-lever feed handle.

With Jacobs "Safe-Lock" key chuck...0 to 3/4-inch capacity, with key. Exclusive "Perma-Coll" spiral coil quill return-spring. Rubber cushion absorbs full return shock; preloads quill bearings to take care of wear and reduce spindle end play after long use. Positive-acting quill lock permits you to do routing, shaping and mortising using proper attachments. (Attachments not included; see pages 36 to 38.)

Depth gauge graduated in 16ths of an inch. Accurate stop nuts may be set for repetitive drilling.

10x10-inch ground cast semi-steel table tilts 0 to 90 degrees right or left...slotted to hold fixtures. Taper pin maintains table in perfect alignment at horizontal (90 degrees) position. Base has 10x10-inch working surface.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>99AM3314</th>
<th>99AM3313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>73 inches</td>
</tr>
<tr>
<td>Width</td>
<td>10 inches</td>
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<tr>
<td>Height</td>
<td>16 inches</td>
</tr>
<tr>
<td>Weight</td>
<td>145 lbs.</td>
</tr>
</tbody>
</table>


9 A 2921...25¢
CRAFTSMAN "80" and DUNLAP Drill Presses

REG. U.S. PAT. OFF.

You can do all the operations of right on your drill press, AND you can cut keyways, do milling ... plus dozens of other jobs. See pages 36 to 37 for useful accessories to make your drill press invaluable.


SPECIFICATIONS:
- Depth of throat: 66 inches
- Spindle: No. 33 Jacobs taper
- Bearings: 4 sets precision ball
- Chuck capacity: 0 to 1/4-inch
- Spindle travel: 3/4 inches
- Quill diameter: 1 3/4 inches
- Depth gauge graduations: 1/4 inch
- Outside diameter of column: 2 1/2 inches
- Table size: 9 9/16 inches
- Table travel: 14 inches
- Base size (working surface): 9 9/16 inches
- Base to chuck: maximum 14 inches
- Machine and motor pulley (included): 3-inch 4-step
- Motor recommended, minimum: 3/4-H.P. 1750 R.P.M.
- 9 speeds: 625 to 3000 R.P.M.
- Mounting dimensions: 8 5/8 x 12 1/4 inches
- Overall dimensions: Height 31 1/4 inches; width 11 1/2 inches; depth 16 1/4 inches
- Weight: 670 lbs.

DUNLAP. A good quality drill press. Accurate ... does efficient work in either wood or metal. Drills to center of 12 1/2-inch circle. Runs on three long-life, self-lubricating porous bronze bearings; bearing absorbs spindle thrust. Famous "Floating Drive" spindle assembly eliminates side pull of belt and pulley "whip" helps give smoother operation. With Jacobs "Safe-Lock" key chuck (1/8 to 1/4-inch capacity) with key. Adjustable stop collar for repetitive drilling. Depth gauge accurately graduated in 16ths of an inch. With new "Perma-Coil" spiral-coil quill return-spring; rubber cushion absorbs return shock.

SPECIFICATIONS:
- Depth of throat: 61/4 inches
- Spindle: No. 33 Jacobs taper
- Bearings: 1 ball thrust; 3 porous bronze
- Chuck capacity: 5/4 to 1/2-inch
- Spindle travel: 3/4 inches
- Outside diameter of column: 1 3/8 inches
- Table size: 7 3/8 x 7 3/8 inches
- Table travel: 7 1/4 inches
- Base size (working surface): 7 3/8 x 7 3/8 inches
- Base to chuck: maximum 7 3/8 inches
- Machine and motor pulley (included): 4-inch 4-step
- Motor recommended, minimum: 3/4-H.P. 1750 R.P.M.
- 9 speeds: 750 to 3000 R.P.M.
- Mounting dimensions: 7 5/8 x 11 1/4 inches
- Overall dimensions: Height 26 3/4 inches; width 10 1/4 inches; depth 15 1/4 inches
- Weight: 330 lbs.

Note—Drill Press heads only shipped freight or express from factory in Southern Michigan. You pay charges on delivery.

DUNLAP, A good, dependable, econo- my-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; one ball thrust bearing.

Adjustable head, table, idler drive. Screw-on type chuck; 5/4-inch capacity. Ground steel column. Smooth ground table does not tilt. 5x56-inch V-belt included.

SPECIFICATIONS:
- Depth of throat: 4 3/4 inches
- Spindle: 3/4-inch x 20-thread
- Bearings: 2 porous bronze; 1 ball thrust
- Chuck capacity: 5/4 to 3/4-inch
- Spindle travel: 1 1/2 inches
- Outside diameter of column: 1 1/2 inches
- Table size: 3x3 1/2 inches
- Table travel: 10 1/4 inches
- Base size (working surface): 6 6/8 inches
- Machine pulley (included): 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.
- 9 speeds: 625 to 3000 R.P.M.
- Mounting dimensions: 8 5/8 x 12 1/4 inches
- Overall dimensions: Height 24 3/4 inches; width 10 1/4 inches; depth 13 1/2 inches; width 7 1/4 inch.

Buy your drill press NOW on Sears Easy Terms—only a small down payment, balance monthly. See inside back cover for details.
CRAFTSMAN Drill Press Accessories to match your skill

CRAFTSMAN Vari-Slo Speed Control

For use with CRAFTSMAN drill presses 99AM2314, 99AM2313, 99AM2313, and 99AM2330 on page 34. The only attachment we know of that gives a 12 to 1 ratio with just one hand lever, without changing belts. You can drill 1/4-inch holes in steel, and increase the R.P.M. to routing and shaping speeds in a few seconds! Enables you to select any speed from 300 to 3750 R.P.M. without stopping the spindle. Just slide the hand lever and lock it at desired speed as shown on speed plate. Hand lever and speed indicator are located in front, at top of drill press head.

Easily and quickly installed—right on drill press column. A well-distributed 1/2-inch drill or tap. Well made of tough aluminum alloy and cast aluminum. Variable speed pulleys are mounted on 4 grease-sealed ball bearings; lubricated for life. All steel parts are plated to resist rust. Comes with 3 CRAFTSMAN V-belts, set screw wrench and instructions.

9 A 2340—Shpg. wt. 5 lbs. 4 oz. $27.50

See inside back cover for Sears Easy Terms

CRAFTSMAN Milling Vises

- Milling Vise. Use your drill press as a milling machine! It's an indexing table, rotary table and milling table! Use on drill presses, milling machines, surface grinders or shapers. Precision built. Table rotates 360°. Dual cast iron 2 1/2 in. each side or 4 3/4 in. over-all; calibrated in thousandths. Rotary feed; calibrated in degrees. 99 A 0245XK—Shpg. wt. 35 lbs. 49.50

9 A 0245K—Shpg. wt. 35 lbs. 39.50

- Drill Press Milling Vise. Bolts on drill press table; adapts to shaper, lathe or grinder. Work is held on 7-in.-table surface. 3 adjustable jaws, matted to any horizontal position by 2 cross-feed controls. 6-in. travel on base graduated 30°. 3/4-inch vise capacity. Jaws 3 3/4 inches wide; 1 1/2 inches high. Wrench.

9 A 0243K—Shpg. wt. 32 lbs. 57.95

CRAFTSMAN Drill Press Vises

- CRAFTSMAN Drill Press Angle Vise. Professional quality. For accurate set-ups without use of clamps or wedges. Can be adjusted at any angle from 0° to 90°, or used as a regular drill press vise when horizontal. Can be used with magnetic chuck. Has hardened steel adjusting screws. Fine pitch thread; long bearing in vise body. 2 1/4 in. jaws open to 2 1/4 in. 9 in. long over-all. Machined cast iron; hardened steel jaws grooveed for holding round or tapered pieces. Rust-resistant finish.

9 A 2736—Shipping weight 9 lbs. 12 oz. $7.95

- CRAFTSMAN Drill Press Vise. Professional quality. Precision-squared sides make it possible to use this vise on end, or on other side, in addition to its normal horizontal position. Also can be used with magnetic chuck. Easy to use; firmly drill press table. Accurately machined cast iron construction; rust-resistant finish. Precision cut adjusting screws of hardened steel; fine pitch thread and long bearing in vise body. 2 1/4 in. hardened steel jaws; grooveed horizontally and vertically for holding round or tapered pieces; open to 2 1/4 inches; 7 3/4 inches long over-all.

9 A 2735—Shipping weight 4 lbs. 12 oz. $4.95

CRAFTSMAN Slow-Speed Attachment

The new CRAFTSMAN Slow-Speed Attachment gives 20 speeds from 200 R.P.M. to about 15,000 R.P.M. A complete range for the low speeds required for metal drilling even with 1/4-inch drills. Ball bearing construction. Balanced 4-step, once-type pulley. V-belts included. We recommend 74-L.E. 1750 R.P.M. motor (minimum).

Fits Nos. 99AM2314, 99AM2313, 99AM2334 (pages 34 and 35), and many other drill presses with 2 or 2 1/4-inch (plus 0.005-inch) inside diameter column.

9 A 2398—Shpg. wt. 4 lbs. 2 oz. $11.50

9 A 2399—(Not illustrated.) Fits former drill presses 2487, 2483, others with 2 1/4-inch (plus 0.005-inch) inside diameter column. Shpg. wt. 5 lbs. $11.50

9 A 2394—(Not illustrated.) Fits former drill presses 2407, 2402, 2413, others with 2 3/4-inch (plus 0.005-inch) inside diameter column. Shpg. wt. 5 lbs. $11.50

9 A 2379—(Not illustrated.) Fits former drill presses 2380 and some others with 3-inch (plus 0.005-inch) inside diameter column. Shpg. wt. 5 lbs. $11.50

*Shipped from factory in central Michigan

36 . SEARS, ROEBUCK AND CO., Inst. 1
Make Sears your headquarters for Drill Press Accessories

Craftsman Shaper Fence Attachment

Converts your drill press into a shaper! Ideal for the home craftsman. Fence gives support necessary in making picture frames, sashes, and a large variety of moldings and trimmings. Fits drill presses 99A2314, 99A2313, and 99A2364 and 99A2362 on pages 34 and 35, or almost any other drill press.

Unit fastens to drill press table with wing nuts. Once installed, it can be left undisturbed during operation adjustments. Fence faces of hardwood, each 224 x 1 in., have separate finger-tip vernier-type adjustments with 1/4-in. maximum forward and back travel; and open from 1 to 3 in. Also lock separately for greater accuracy. Fence faces are graduated to within .003-in. accuracy after assembly of unit. One-piece cast aluminum; has opening in back for chip outlet. Cutter enclosed for maximum safety. Adjustable steel holds own constant pressure on work; have one screw locks... no chatter or juggling. Hold-down assembly shifts quickly to either end of unit for regular or reverse feeding. (Cutters and attachments not included; see below.)

9 A 2487—Shipping weight 5 lbs. $10.95

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 these pieces into the other. Complete with hardened steel spacing comb, to guide shank of router to predetermined depth; end plates; screw fittings and clamps for holding work; wood parts; instructions. Dovetail cutter bit not included. Use 9A 2411 (below).

9 A 2462—For 3-in. dovetailing only. Shpg. wt. 5 lbs. 8 oz. $9.95

Woodworking Cutters

For drill press carving, rounding-end mortising, dovetailing, boring, round edges, reeding, and routing. Precision ground to exact size, of finest quality high speed steel. All have special shank that fits standard "Safe-Lock" chucks, and 9A 2467 or 9A 2671 collet chucks described below. CAUTION: Never use these cutters in a regular Jacobs or other 3-drill head chuck. Hold work against a fence to obtain parallel and accurate routing when using routing bits. (See 9A 2457 hold-down guide, described on opposite page.) Shaping weight 12 oz. $11.95

9 A 2451—1-1/4-in. router... $11.20
9 A 2452—1-1/2-in. router... 1.35
9 A 2453—1-3/4-in. router... 1.35
9 A 2454—2-1/4-in. router... 1.35

Power Wood Boring Countersink

Craftsman New! Adapted for high speed applications in drill presses and electric drills. Accommodates full range of screw sizes. Has 3/4-in. shank.

9 A 2465—Shipping weight 2 oz. 49c

Collet Chucks

Collet Chuck with holding collar. For cutters above, or any 3/4 or 1-1/4 in., diameter shank, 3/4 in. capacity with 1/4-in. bushing. Fits any drill press with No. 3 Jacobs taper spindle. Has holding collar to screw right on drill press. Replaces three-jaw chucks for any work developing side thrust, as in routing.

9 A 2457—Shipping weight 11 oz. $1.75

Screw-on type Collet Chuck. Use with cutters above. Fits drill press or any 3/4-in. x 20 tpi screw (see page 35). Can be used with 9A 2483 adapter at left.

9 A 2271—3/4-in. capacity. Shpg. wt. 3 oz. 98c
9 A 2269—3/4-in. capacity. Shpg. wt. 3 oz. $1.25

Mortising Chisel Housing


9 A 2454—Mortising Chisel Housing. For presses 99A2314 and 99A2313 (page 35), and 99A2364 and 99A2362 (page 35). Use with 9A 2430 and 9A 2432 (listed below), or almost any mortising chisel and bit. Shpg. wt. 5 lbs. 8 oz. $9.95

9 A 2417—Mortising Chisel Housing. For drill press nos. 2380, 2382, 2407, 2427, 2432, 2439. Use with 9A 2430 and 9A 2432 (listed below) or almost any mortising chisel and bit. Shipped from factory in Kalamazoo, Mich. You pay transportation charges on delivery from there. Shpg. wt. 3 lbs. $3.98

9 A 2430—Mortising Chisel. For use with 9A 2464 (listed above). Shpg. wt. 4 oz. $2.85

9 A 2431—Mortising Chisel. For use with 9A 2430 (listed above). Shpg. wt. 4 oz. $3.45

9 A 2479—Shipping weight 4 oz. $1.75
CRAFTSMAN High Speed and Carbon Drill Sets in handy cases or stands

CRAFTSMAN Drill Sets in compact metal case.../easily converted to handy stand. 
Has plastic drill holder marked for quick identification of drill sizes. 
Use carbon steel drills for hand or breast drills; high speed steel drills for power driven drills.

NEW! CRAFTSMAN 7-piece Drill Sets. 
Precision ground. 
9 A 6637—Carbon steel drill set. 
Shog. wt. 7 oz...$1.55 
9 A 6689—High speed drill set. 
Shog. wt. 7 oz...$2.65

NEW! CRAFTSMAN 10-piece Speed Drill Set. 
In handy metal case. 
Precision ground. 
9 A 6688—Carbon steel drill set. 
Shog. wt. 9 oz...$1.55 
9 A 6690—High speed drill set. 
Shog. wt. 8 oz...$2.40

CRAFTSMAN Carbon or High Speed Steel Drill Sets in Stand. 
Hole sizes marked in stand. Use carbon steel for hand or breast drills; high speed steel for power driven drills.

CRAFTSMAN Sets of 29 Drills. 
1/16 to 1/4 inch by 1/64 inch. 
Shog. wt. 4 lbs, 2 oz. 
9 A 6702—Carbon steel...$10.50 
9 A 6704—High speed...$21.75

CRAFTSMAN Sets of 60 Wire Gauge Drills. 
(Not shown.) 
Sizes 1 to 60. 
Shog. wt. 2 lbs, 12 oz. 
9 A 6705—Carbon steel...$59.90 
9 A 6707—High speed...$18.50

CRAFTSMAN High Speed Twist Drill Sets in handy metal tooling cases. 
Professional quality...for home, shop or industrial use. 
High speed steel, hardened and tempered. 
Precision ground for easy cutting. 
For use in power tools. 
Included in handy metal case. 
Each case contains two drill panels which fold into box like carrying case and will store with proper drill size and decimal inch equivalent.

9 A 6719—21-piece Drill Set, Sizes 1/64 to 1/4 inch by 64ths of an inch. 
Weighting weight 2 lbs. 
Shog. wt. 5 lbs, 8 oz...$11.75

9 A 6720—15-piece Drill Set, Sizes 1/16 to 1/4 inch, 
Weighting weight 2 pounds 6 ounces...$12.80

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

DUNLAP Bench Vise. 
You'd expect to pay much more for a bench vise of such good quality. 
While it does not have the EXTRA weight and EXTRA features of bench vise at right, it is dependable and well made to handle almost any job.

Husky, semi-steel body; reinforced at points of strain. 
Heavy C-shaped slide bears for snugly yet slides easily. 
Acme-threaded steel screw. 
Replaceable, oil-tempered hardened steel jaw faces. 
3-1/2 inch jaws open to 4-1/4 inches. 
Swivel base turns left or right a full 180 degrees. 
Has positive-locking three-point contact...locks in any position. 
Sliding bar handle on base. 
Jaws, anvils, and handles are polished. 
Red finish. 
Actual weight 135 pounds. 
99 A 05154—DUNLAP Bench Vise only, as described above. 
Shipping weight 17 pounds...$8.50 
99 A 05142—DUNLAP Bench Vise as above, plus set of pipe jaws. 
Shipping weight 18 lbs...$8.95

9 A 5242—Pipe Jaws only. 
For DUNLAP bench vise 99 A 05144...described above. 
Shipping weight 1 pound 4 ounces...Fair 69c

CRAFTSMAN Woodworkers’ Vises. 
Casts aluminum jaws, 3-1/2 inches open to 23/4 inches; have holes for mounting wood faces. 
Acme screw. 
Clamps to anything from 3-1/2 to 24 inches thick. 
9 A 5167—Pipe Jaws only. For 99 A 05176K and 99 A 05169K vise above. 
Shog. wt. 14 oz...Fair $9c

CRAFTSMAN Woodworkers’ Vises. 
Casts aluminum jaws, 3-1/2 inches open to 23/4 inches; have holes for mounting wood faces. 
Adjustable bench stop. 
9 A 50100K—Weighting weight 24 lbs. 
Quick-setting Woodworkers’ Vises. 
(Not shown.) 
Similar to above, but half turn of handle dies the screw and permits jaw to slide back and forth. Time saver for the busy shop. 
99 A 05100K—Weighting weight 18 lbs...$15.95

Tool Cabinets

CRAFTSMAN Steel Cabinets

Wall Cabinet. 
Steel; thick plywood back. 
32 in high, 18 in wide. 
Steel doors have cylinder lock with key, 2 swingout drawers hold tools, and doors have inside of doors for extra tools. 
Strong hinges.
99 A 06354—Shog. wt. 23 lbs...$18.50

Saw Rails Cabinet. 
Heavy-duty 80-gauge steel. 
37-1/4 x 22-1/8 x 7-1/2 in. 
Drawers have ball bearing slides. 
One drawer 3-1/4 inches, deep, partitioned; 2 drawers 3-1/4 inches deep, bottom drawer 4-1/4 inches deep. 
Top drawer has double row of 3-1/4 inch ball bearing casters. 
Front casters are side die-cast wheels. 
99 A 04362—Shog. wt. 133 lbs...$72.50

Light Fixture. 
Swivels 30607, 18-in. flexible. 
 Takes 100-watt lamp. 
3-1/2 ft. cord plug. For hanging. 
9 A 43647—Shog. wt. 3 lbs, 4 oz...$15.79
New DUNLAP 32-piece Workshop Set
Packed with Power...Priced for Economy...Guaranteed One Year!

Positively the most rugged, powerful, compact, complete tool-and-saw outfit of this type we've ever seen at any price! Does almost ANY job with accessories included...saws, sanders, drills, bores, grinders, buffs, brushes, polishes and even mixes paint.

Guaranteed one year. If this tool shows any defect in materials or workmanship, we will repair it at no charge if returned within one year from purchase date.

Strong, lightweight, die-cast aluminum alloy frame combines strength and light weight. Oil-retaining porous bronze bearings; ball thrust bearing. Helical-cut gears. Trigger switch with lock for continuous running; auxiliary knob (mounts for either right-hand or left-hand use). 1/4-inchX20-threaded spindle.


Complete 32-piece outfit includes: Power unit with 9 A 2631 saw attachment (described at right); 4 new-type power wood boring bits (3/4, 3/8, 1/2-in.); 7/8-in. sheepskin sander; 5/8-in. rubber sanding disc; six 7-in. abrasive discs; adapter kit (2 flanges, 2 hex nuts); 1/4-in. chuck; 4-in. cloth buffer; 10 high-speed drill bits; paint mixer; horizontal steel bench stand; 4-in. grinding wheel; 4-in. wire wheel; and 14x12x6-in. portable steel case (stands up, or hangs on wall).

99 A 077068 — Complete 32-piece Outfit, as described above. Shipping weight 21 pounds...$51.95
99 A 02567 — 32-piece Set, Similar to above, but without saw attachment or 4 power wood bits, and with smaller (5 1/4-in.) rubber disc, 6-in. sheepskin bonnet, 6-in. abrasive discs, and smaller carrying case. Shipping weight 15 lb. $35.95
99 A 2759 — 10-piece Set, Power unit, with sheepskin bonnet, rubber sanding disc, 6 abrasive discs, and adapter kit, as in set 99 A 02567 above. Without case. Ship. wt. 12 lb. $24.95
99 A 2631 — Saw Attachment only. Medium duty (not for heavy production use). Depth of cut adjustable from 3/4 to 1/4 in.; tilts 90 to 45 degrees. With 4-in. blade. Ship. wt. 4 lb. $10.95
99 A 2531 — Set of 6 Replacement 7-in. Abrasive Discs. 3/4-in. center hole. Fits sets above, also for any other 7-in. application with solid or hole type sanding plates. Includes 2 fine, 2 medium and 2 coarse sanding discs. Ship. wt. 9 oz...6 for 49c

Equip your shop NOW on Sears Easy Payment Plan. See inside back cover for complete information.

Extra Heavy Duty Extension Cord for Power Tools
25-ft. Rubber-covered Motor Cord for power tools and large motors. Two heavy (10-gauge) conductors will carry approximately 2800 watts. Several cords plugged together carry full load up to 100 ft. UK approved. With male plug and female receptacle attached. Shipping weight 4 lb., 11 oz. 34 A 5894...Each $8.50
**DUNLAP Electric Drill Sets**...low priced...many uses

Drills wood, metals, plastics, etc.
Polishes and waxes furniture, etc.
Buff silverware and other metals.
Grinds and sharpens knives, tools, etc.
Sands floors, furniture, etc.—fast.
Mixes paints and other liquids.

26-piece and 31-piece DUNLAP ¼-Inch Drill Sets

- Same drill as in set at right, but with chrome-plated regular jaw chuck, instead of geared chuck. 1500 R.P.M.
- 26-piece set includes: 10 high speed drill bits (⅛ to ¼ in.); 4½-inch cloth buffing wheel, 3-in. grinding wheel, 4½-inch rubber sanding pad, 6 abrasive discs, 4½-inch sheepskin polishing bonnet, adapter, paint mixer, horizontal drill stand, auxiliary handle, steel case.
- 31-piece set includes all of 26-piece set, PLUS 4½-inch swivel head for ¼ and ⅜-in. shank tools, 2 mounted abrasive wheels, mounted saw blade, cutter, and cutters. Shipping weight 12 lbs.

DUNLAP DeLuxe Drill...26-piece Set

- New! With extra-accurate, strong-gripping “Supreme” geared key chuck (¼-in.). New! Chrome-plated lightweight aluminum alloy housing.ATTRACTIVE AND easy to keep clean! A precision-built intermittent-duty drill powerful enough to drive ¼-in. bits in steel, ½-in. bits in wood. **UL** approved.
- Precision bronze bearings and triple reduction gears. 1500 R.P.M. drill is 12 in. long. For use in horizontal or vertical installation. 110-120-volt 25 to 60-cycle AC or DC. 6-ft. rubber covered cord, and plug. Trigger switch for continuous running. Accessories included: 20 high speed drill bits (⅛ to ¼ in.), 4½-inch cloth buffing wheel, 3-inch grinding wheel, 4½-inch rubber sanding pad, 6 abrasive discs, 4½-inch sheepskin polishing bonnet, adapter, paint mixer, horizontal drill stand, auxiliary handle, and cutters. Shipping weight 12 lbs.

22-piece ¼-Inch Drill Set

- All the premium features above PLUS the following accessories: 6 high speed drill bits (⅛ to ¼ in.); 3½-inch cloth buffing wheel, 3½-inch rubber sanding disc; 6 each, 4-inch assorted garnet sanding discs; 4½-inch sheepskin polishing bonnet; 6-piece adapter set; drill side handle; paint mixer; 3½-inch wire wheel; horizontal drill stand for use as a bench tool; 12x3½-inch steel case.

Craftsman "100" Drills, ¼-in. 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. (Industrial standards.) Meet Dept. of Commerce Commercial Standards. Super-powered, 110-120-volt 25-60 cycle AC-D.C. universal motor; won't stall on toughest jobs. Strong, lightweight, die cast aluminum alloy frame. Finest large “Supreme” precision geared key chuck. Double-reduction, nickel-chrome-molybdenum steel gears. Two precision ball bearings on motor shaft; two on gear spindle; one for clutch. Ball bearing on chuck spindle. No-load chuck speed 1600 R.P.M. Trigger switch; safety release; lock for continuous running. 10-foot 3-wire cord; plug.

- 2570—2570 Alum. 26x26x14.
- 2571—2571 Alum. 26x26x14.

**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!

**Your choice...only**

- $38.95 CASH
- $4.00 Down on Sears Easy Terms

Sears drll X Y
Maximum H.P. 10 10 10 10
Full Load H.P. 6 6 6 6
No load R.P.M. 1600 1600 1600 1600
Full load temp. rise 32 32 32 32
Efficiency 50% 50% 50% 50%
Price $38.95 $44.00 $44.00 $44.00

See inside back cover for details of Sears Easy Terms.
CRAFTSMAN "80" 31-piece Electric Drill Sets

Real POWER... and easy to handle... 1/4-inch bit won't stall in steel plate!

These CRAFTSMAN drills are powerful little brutes that have become tremendously popular in the taking of large, heavy, hard-to-handle drills. Actually less than 2 pounds! And we could stall them using a 1/4-in. bit on steel! We've found these sets much superior to other well-known brands in this price range. Many uses... drilling, sanding, polishing, buffing, and mixing paint. UL Approved. Light, strong die-cast aluminum alloy frame. Ball bearing construction gives exceptionally smooth operation and long life. Precision ball bearing in front end of motor; self-aligning rear bearing. Spindle needle bearing; ball thrust bearing. Double reduction gears, machine-cut from special alloy steel, permit compact design for close-quarter clearance. Finest precision "Supreme" geared key chuck with 1/4-in. capacity. No-load chuck speed 0-650 RPM. Powerfull universal motor for 110-120 volt 25 to 60-cycle AC or DC. With 10-ft. 3-wire rubber covered cord and unbreakable plug. Trigger switch has lock for continuous running.

Accesories in Set. 10 high speed drill bits (1/4 to 1/4 in.); 3 wood bits (1/4, 5/8, 1/2 in.); two 4-inch buffers; #2x4-in. grinding wheel; 3-in. rubber sanding disc; adapter; 6-in. sheepskin bonnet; 4-in. wire scratch wheel; six 3-inch sanding discs; buffing compound; paint mixer; drill stand for using drill as bench tool; steel case. (Piglet-grip drill is 3/4 in. long; saw-grip drill, 1/4 in. long.)

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
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<tbody>
<tr>
<td>$37.95</td>
<td>Set, with 3-piece Drill. Shipping weight 12 lbs.</td>
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<tr>
<td>$37.95</td>
<td>A 2577 - Piglet-grip Drill only. Shipping weight 4 lbs. 6 oz.</td>
</tr>
<tr>
<td>$25.95</td>
<td>A 2578 - Saw-grip Drill only. Shipping weight 4 lbs. 10 oz.</td>
</tr>
</tbody>
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GUNLAP Drill Press Stand

Now you can convert any 3/4-inch electric drill into a fast, accurate, sturdy drill press. Greatly increases drill's usefulness...ideal for maintenance shops and hobbyists.

Drills can easily installed in clamp and quickly aligned. Clamp can be rotated 360° (see small illustrations above) to permit horizontal polishing and sanding as well as vertical drilling. Feed handle has compound leverage... makes it easier to drill through steel. Built-in compression spring holds drill in raised position when not in use. Maximum head travel, 25/4 in. Outside column diameter, 1 1/8 in.

CRAFTSMAN Roto-Saw Drill press Stand

Electricals! Timeless! Plumbers! Hobbyists! You'll find work-saving short-cuts to hundreds of saving jobs with this new Roto-Saw! Converts your electric drill into a portable power saw or filing machine... converts drill press for stationary use. Cuts straight or irregular shapes in wood, metal, wallboard, etc. Ideal for close-quarter work; for cutting bolts, sheet metal, tubing, etc.; and for filing and buffing. Includes: Auxiliary handle (for 2-hand use); hex wrench; drill press adapter; coarse blade for wood, wallboard, plastic, etc.; fine blade for sheet metal, tubing, etc.; medium blade for intricate shapes; instructions. (Also uses standard back saw blades and files.)

For drills with 1600 to 2300 R.P.M. spindle speed. Two moving parts; no gears or springs. Lightweight-die cast case, 3/8 in. long. 2500 - Shipping weight 3 lbs. 

$9.95
**Heavy Duty Electric Drills . . ½-inch capacity or more**

**16-piece DUNLAP ½-inch Electric Drill Set**

Here's a set designed to give you all-around heavy-duty service on the farm, in the garage, or in the shop! Our popular, compact DUNLAP ½-inch drill PLUS a special selection of 15 practical, high-quality accessories. This rugged drill will easily drive ½-inch bits in steel and 1-inch bits in hardwood. Drills even larger holes with expansive bit (included in set). Approved by Underwriters' Laboratories. "Supreme" precision-decked key chuck; ½-inch capacity. Self-lubricating bronze bearings; ball thrust bearing on chuck spindle. Stress-proof alloy steel triple-reduction gears. Double-pole automatic releasing switch locks for continuous running. Powerful universal motor for use on 110-120 volt, 25 to 60-cycle AC or DC. No-load spindle speed 425 R.P.M. Drill comes complete with 7-foot, 3 wire rubber covered cord; unbreakable plug. Overall length 14 inches.

Accessories in set: 3 power wood bits (¾, 9/16, 1-inch); 12-inch power wood bit extension; 3 carbide-tipped masonry bits (½, 9/16, 5/8-inch); 3 high-speed bits (¾, 9/16, 5/8-inch); expansive power wood bit (see 9 A 2087 below); 6-inch wire wheel; 2¾-inch wire cup brush; adapter; and CRAFTSMAN all-steel mechanics' tool box.

9 A 01130K—Complete 16-piece Set. Shipping weight 27 pounds. $56.95
9 A 2383—DUNLAP ½-inch Drill only. Shipping weight 10 pounds. $34.95

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**New Type Power Wood Bits**

**CRAFTSMAN Saw Attachment**

- Add this circular saw attachment to your electric drill and you have a portable hand saw! Make your drill much more useful...an excellent saw for anyone who has occasional need for a power saw. Fits almost all electric drills with a ½-inch capacity or larger...and gives you a rugged, medium-duty saw that will cut through lumber up to 1½-inch thick. Performs with quality of drill & power available. (Not recommended for heavy production use.) Eliminates much time consuming hand sawing...turns out professional work you'll actually enjoy doing. Attaches quickly and easily; rigid support for drill. Weights only 3 pounds. Graded 1 to 4. Self-lubricating bronze bearings, 4-inch blade. Adjustments for depth of cut (from 0 to 1½ inch) and angle of tilt (40 to 45 degrees).

9 A 2382—Saw Attachment. Shipping weight 12 ounces. $9.89

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**Special-purpose Bits, Masonry Drills**

- **Expensive Wood Boring Bit** Drills holes up to 2½-inch in diam. (Use on wood only) Adjustable from 1¼ to 2½-inch. For electric drills, drill press, other power-driven tools. ½-inch shank. High-speed steel. Allen wrench.

9 A 2087—Shipping weight 4 oz. $1.98

- **CRAFTSMAN High-Speed Countersink Bit.** For metal or wood. Use in electric drills, drill press, flexible shafts...any hand drill or power-driven tools. Five flutes; 3½-inch head. High-speed steel. ¾-inch round Shank.

9 A 6714—Shipping weight 4 oz. $1.25

- **CRAFTSMAN 4-piece Wood Bit Set.** Precision ground; carbon steel; 3½-inch, ¾-inch, 1-inch, 1½-inch Length 5½ inches. 9 A 6721—Shipping weight 8 oz. $4.95 - 6-pc set $1.98

- **CRAFTSMAN Masonry Drills.** Carbide tips. Spiral flutes. Round Shank. For stone, brick, concrete, etc.

9 A 6731—Set of 6, one each of sizes below. In fabric case. Shipping weight 2 pounds. $12.00

9 A 6730—Individual Drills. State sizes wanted.
CRAFTSMAN Rotary Tool Set

Yes—actual laboratory tests prove that the CRAFTSMAN Rotary Electric Tool has 50% more power than other rotary tools of this type and size. This means that it takes bigger loads without stalling. We believe it is America’s finest electric rotary tool...we know of NO other tool of this type which even approaches this CRAFTSMAN AT ANY PRICE!

Meets the most rigid demands of precision tool room work and continuous production line demands...a wonderful tool for hobbing...hundreds of uses! Drills, grinds, polishes, sharpeners, sharpening, saws, sanders, router, cleaning, cuts, brushes, brush, etc. Can be used on wood, metal, glass, plastics, leather, etc. Approved by Underwriters’ Lab. God be-
DUNLAP high quality Split-Phase Motors

Low priced . . . efficiency plus economy for easy-starting loads

**Economical 1/4 and 1/2-H.P. Models**

- Super value! 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 paint sprayers, etc. Excellent performance and trouble-free operation. All parts guaranteed against defects or workmanship for one year. Even in N.E.A.M.A. breakdown torques. Husky, diamond-bored precision bronze bearings for smooth operation and long life. Large oil chambers with spring oil caps lubricated for about 1000 hours operation. Motor should be used in horizontal position only. Easily reversed. Cast iron base gives motor solid mounting.
- 1/4-in. shaft extends 1-1/4-in. on one end, 1-15/32-in. on the other. 60 cycle A.C. With 8-ft. cord; unbreakable plug. Mounting dimensions: 54 x 54 inches.

- **99 A 01974K—1/4-H.P. Shipping weight 23 pounds.** $13.95
- **99 A 01966K—1/2-H.P. Shipping weight 25 pounds.** $14.95

**1/2-H.P. Deluxe Model**

- Our finest split phase motor! Heavy duty! Super powerful! Ideal for operating light, tool and other small motors. Not recommended for heavy-duty motors. Note all these great features: double shaft, ball bearings, smooth metal casting, and unbreakable plug. Exceeds N.E.A.M.A. specifications. Handles more than two times rated H.P. before stallling! Efficient, modern design. Deep end bell, 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 materials or workmanship for one year. New Departure and sealed precision ball bearings. Sealed against dirt, dust and grit. Rubber insulation. Motor operates in any position. 1/2-in. shaft extends 1-1/4-in. on both ends, 1-1/16-in. R.P.M. For 110-120-volt, 60-cycle A.C. Heavy duty, cord; unbreakable plug. Mounting dimensions 54 x 54 inches.
- **99 A 01972K—Shipping weight 26 pounds.** $19.30

**CRAFTSMAN 1/2-H.P. Appliance Motor**

- **$21.50 CASH $2.50 Down**
- **99 A 01976K.** $21.50


- Adjustable Motor Rails. For use where motor is not moved from tool to tool. Easy to adjust; holds all types of motors. Shipping weight 2 lbs. $1.35
- **9 A 2321—Rail clips only.** $1.25
- **9 A 2322—Complete set.** Shipping weight 2 lbs. $2.25
- **9 A 2323—Complete set.** Shipping weight 2 lbs. $2.25
- **9 A 2324—Complete set.** Shipping weight 2 lbs. $2.25
- **9 A 2325—Complete set.** Shipping weight 2 lbs. $2.25
- **9 A 2326—Complete set.** Shipping weight 2 lbs. $2.25
- **9 A 2327—Complete set.** Shipping weight 2 lbs. $2.25
- **9 A 2328—Complete set.** Shipping weight 2 lbs. $2.25
- **9 A 2329—Complete set.** Shipping weight 2 lbs. $2.25
- **9 A 2330—Complete set.** Shipping weight 2 lbs. $2.25
- **9 A 2331—Complete set.** Shipping weight 2 lbs. $2.25
CRAFTSMAN Capacitor Motors

Nylon Insulated! Guaranteed One Full Year*

Powerful, efficient motors for medium-starting loads: for shops, factories: for driving heavier power tools or equipment, etc. Note ALL of the premium features shown at left. Built-in condenser reduces starting current; motor starts loads about 50% heavier than split-phase motors of the same rating. Superior nylon insulation resists heat and abrasion better. Fan and baffles keep motor cool. New Departure grease-sealed precision ball bearings. Operates in any position. Easily reversed. Built-in "KLIXON" overload protector prevents motor burnout. 110-120 volt 60-cycle A.C. With ½-inch shafts, except 99A01981L which has ½-inch keyway shaft, 8-foot cord and plug. Mounting dimensions 3½ x 3 inches.

*GUARANTEED! All Sears motors guaranteed against defects in materials or workmanship for one full year!

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<th>Catalog No.</th>
<th>H.P.</th>
<th>R.P.M.</th>
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CRAFTSMAN Mill Type Motors

Extra heavy duty! Our Finest Capacitor Motors


*GUARANTEED! All Sears motors guaranteed against defects in materials or workmanship for one full year!
CRAFTSMAN R-1 Type Motors

For heavy-duty jobs and hard-starting loads...

Ideal for farm work—even in low voltage areas

Specially designed for hard-starting loads and heavy farm work such as deep well pumps, large compressors, feed grinders, freezers, milking machines, etc. Develop THREE to FIVE times rated H.P. while starting. Lower amperage draws when starting. Great overload capacity. Ideal for farm and R.E.A. lines, low voltage lines and extreme weather conditions. Efficient in freezing weather when loads are extra heavy.

All have grease-sealed precision ball bearings—never need oil—run in any position. Designed not to exceed 40° temperature rise under normal operation. Easily reversed. Shafts have keyways. Brush lifting mechanism in 1/2- and 3/4-H.P. sizes.

Guaranteed one year (see guarantee at bottom of opposite page). We believe there are no better motors of this type made. Meet all A.I.E.E., N.E.M.A. and central station requirements. Complete instructions for installation and maintenance included.

CRAFTSMAN 3-Phase Motors

For heavy-duty jobs in shops and factories

Designed for hard-starting loads...used in shops and factories for heavy day-in day-out production work. Developed 3 to 5 times rated H.P. while starting. We believe there are no better motors of this type made. Can be used only on 3-phase current, usually not available to homes and farms. Check with power company before ordering. Meet all A.I.E.E., N.E.M.A. and central station requirements. Easily reversed. Keyway shafts. Designed not to exceed 40° temperature rise under normal operation.

For 220-440-volt, 60-cycle A.C.

All Sears motors are guaranteed for one full year.

(See guarantee at bottom of opposite page.)

For 220-440-volt, 60-cycle A.C.

Use your motor while you’re paying for it! See inside back cover for details of Sears Easy Terms
OUNLAP 4-inch Grinder

REG. $3.50 PAT. OFF.

Amazingly compact... handy... low priced.

Approved by Underwriters' Laboratories, Inc.

Guaranteed 1 year*. Full 1/10-H.P. motor... by far the most powerful we have found in grinders of this type! It’s built to do a real professional job of grinding and sharpening knives and tools... buffing... polishing... cleaning... removing rust... even finishing metals and plastics with precision! Use it in the home, kitchen, farm, garage or shop.

Has features found in NO other grinder of this size and quality we know of, selling at anywheres this price! Equipped with two 4 1/2-inch vitrified aluminum oxide grinding wheels; one fine grit, and one coarse grit. Both wheels extend 1/4 inch beyond front of motor housing... allows grinding across face of machine. Distance between wheels 6 1/2 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; 1/4"-20 thread. Flange holds 1/4" and 1-inch arbor hole attachments. On-off switch in front of base.

3500 no-load RPM. 110-120 volt 60-cycle single-phase A.C. Coated by two coats of approved by Underwriters' Laboratories, Inc. Comes complete with two grinding wheels; 8-foot cord and unbreakable plug. Over-all height 6 1/2 inches. Get yours today!

99 A 02608—Shipping weight 16 pounds. $17.95

OUNLAP 1/4-H. P. Grinder

REG. U.S. PAT. OFF.

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. U.N.L. split-phase motor has sensational Nylon-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 volts 60-cycle A.C. and is equipped with 8-foot rubber-covered cord, and unbreakable plug.

Sealed New Departure precision ball bearings... protected against dirt, dust, gratings and abrasive particles. You get dependable operation with a minimum of power loss due to friction. Strong 1/4-inch steel shaft; turned down to 1/4-inch at wheel ends. Durable cast iron frame for long-lasting strength and rigidity. Attractively finished in rust-resisting gray enamel. Rubber mounted for quiet operation.

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

Two 4 1/2-inch fully vitrified CRAFTMAN grinding wheels... one 36-grit wheel for coarse grinding, and one 70-grit wheel for finer grinding and finishing. Operate safely at rated speed of 3450 R.P.M. Clearance between wheels is 11 inches. Over-all dimensions (without eye shields and tool rests): height 8 3/4 inches; width 12 1/2 inches; depth 8 inches.

99 A 02610—Shipping weight 41 pounds. $29.95

CRAFTSMAN 1/3-H. P. Grinder

REG. U.S. PAT. OFF. 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 chamber guard; easily replaced. Convenient, removable, built-in bright red plastic water pan... to cool work; and prevent drawing temper of tools. U.L. approved (commercial standards). Amps overload capacity to meet unusual power demands without burning out motor. CRAFTSMAN 1/3-H.P. condenser-start, induction-run type capacitor motor has sensational Nylon-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 unbreakable plug.

New Departure precision ball bearings assure minimum friction and wear... sealed against dirt, dust and grit. Extra-strong steel shaft has 3/4-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 7 1/2-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 17 inches; depth 8 3/4 inches.

99 A 3618—Shipping weight 96 pounds. $62.95*
Cut Repair Bills...Weld it Yourself!
Yes...CRAFTSMAN Welding IS Easy and Profitable!

CRAFTSMAN Industrial
A. C. Electric Arc Welders

- CRAFTSMAN Electric Arc Welders are tested and approved by Underwriters' Laboratories, Inc. for safety, freedom from fire hazard and for temperature rise limits.
- Coils insulated with spun glass insulation...dipped in varnish, then baked. Practically inaccessible to burn out welder if used on correct current supply (220-230 volts).
- Fire-resistant oil-less machines with control panels fully protected against dust and dirt.
- Built-in reactor helps maintain steady arc...automatically increases voltage on low heats...provides economical efficiency.
- Transformer has high power factor for efficiency and reduced current consumption.
- Range of current outlets allows variety of work. Cuts, brazes, solders and welds metals of all thicknesses. Even more versatile if used with Twin Carbon Torch 9A2007, below.

Maximum heat at arc with minimum current consumption! Natural draft cooling...no fans. Approved code-type on-off switches. Sturdy steel frame in front; large wheels in rear. Sturdy wire leads for A.C. connection. With 5 lbs. assorted welding electrodes, wire brush, carbon electrode, electrode holder, two 15-ft. cables, welding helmet and manual (9A2023) on opposite page.

For single phase, 220-230-volt, 60-cycle A.C. only. Be sure to check voltage, cycle, phase and capacity of your power line with your local power company before ordering.

SPECIFICATIONS:
- Maximum amperes actual welding current delivered...
- Welding heat available (actual welding...)
- Type of service...
- Maximum open circuit secondary volts...
- Maximum line draw...
- Maximum kilowatts...
- Cabinet dimensions...Width...
- Depth...

99 AM 2012...200 amp. capacity. Shipping weight 260 pounds...
99 AM 2015...300 amp. capacity. Shipping weight 335 pounds...

$185.00 CASH
200 ampere welder
$1850 DOWN...ON EASY TERMS

A C $13.95


9 A 2007—Shop. wt. 4 lbs. 6 oz. $12.95
9 A 2007—15¼x6 in. Shop. wt. 3 oz. Each 15c
9 A 2007—5½x6 in. Shop. wt. 2 oz. Each 17c

20-lb. Electrode Assortment. (About 380 rods.) A complete assortment! For A.C. or D.C. welders (D.C. reverse polarity) include: Rods for mild steel welding...2 lbs. 5½-in. rodes; 4½ lbs. 3½-in. rod; and 4½ lbs. 3½-in. rod; for cast iron welding: 4½ lbs. 3½-in. rod; for hard surfacing: 4½ lbs. 3½-in. rod. Shipping weight 32 pounds.

99 A 20024K—Complete Assortment...$7.95


2 lbs. Shop. wt. 1 lb. 11½ oz. $3.10
4 lbs. Shop. wt. 2 lb. 12 oz. $3.10
8 lbs. Shop. wt. 3 lb. 12 oz. $4.10
10 lbs. Shop. wt. 3 lb. 17 oz. $4.95

9 A 2005K—For use on cast iron. State 3½-in. size.

2 lbs. Shop. wt. 1 lb. 9½ oz. $1.85
5 lbs. Shop. wt. 3 lb. 1 oz. $3.49
10 lbs. Shop. wt. 5 lb. 6 oz. $6.75


2 lbs. Shop. wt. 1 lb. 11½ oz. $2.10
4 lbs. Shop. wt. 2 lb. 1 oz. $3.95
8 lbs. Shop. wt. 3 lb. 1 oz. $6.95
10 lbs. Shop. wt. 3 lb. 17 oz. $9.95

9 A 2002—Brass. Rod, 2 pounds 15½-in. x 3½-in. bronze rods. 5 oz. Shop. wt. 1 lb. 11½ oz. $3.98

Industrial Welding Helmets

One-piece seamless vulcanized flange construction. One-piece type to fit head contour. Fiber head band adjustable over wide range of sizes. No metal touches head. Friction joint adjustable from outside for free-floating action; secure in "on" and "off" positions. Bakelite glass holder. Clear glass lens in holder. Filter lens not included (sold separately at right).

9 A 1324—Shop. wt. 2 lbs. 9 oz. $8.65

Streamlined fabricated filter construction. Automatic spring for "off" and "on" positions. Black fiber headband; leather sweatband. Size adjustable over wide range. No metal touches head. Glass holder is readily removable, 2 x 3½-in. clear cover glass supplied. Filter lens not included (sold separately at right).

9 A 1323—Shop. wt. 2 lbs. 6 oz. $6.25

Extra Filter Lenses and Cover Glasses. (Not illustrated.) For arc welding use. Sire 2 x 3½-in. Fit almost all styles of helmets. Shipping weight each, 5 ounces.

9 A 1327—No. 10 shade Filter Lens. For 75 to 250-amp...$6.50
9 A 1328—No. 12 shade Filter Lens. For 250 amp. or over...$6.50
9 A 1329—Clear Cover Glass...$6.00

Pay for your welding equipment while you use it! Buy on Sears Easy Payment Terms. See inside back cover for complete details.
36-page Arc Welder Manual
Learning to weld is easy with this new 36-page, illustrated instruction book. Tells how to repair broken equipment and build new devices for more efficient work. 165 illustrations, clearly and fully described. New ... up-to-date. Paper bound.
9 A 2025—Shipping weight 3 ounces.................. .49c

Safety Goggles,
Shield, Respirators
Don't risk injury while you work!
Here is a wide assortment of safety devices to give you dependable protection when you are welding, cutting, fitting, grinding, spraying, etc., or when you work amid dust, pollen, wind, fumes or vapor.

Craftsman 150-amp. Arc Welder
- Ideal for intermittent service in farm, garage, small industrial shops; operates perfectly on R.E.A. and other rural power lines
- Crafsmen's 75-amp. Arc Welder
- Completely portable ... for light maintenance, body and fender shops, metalworking shops. Ideal for the farm or home workshop. Cut repair bills now!
- Approved by Underwriters' Laboratories, Inc. Spun glass insulation, varnished and baked

$165.00

$16.50 DOWN

$148.50 CASH

$71.25 CASH

We believe this is one of the finest small shop arc welders ever made; built to the same standards as our big industrial welders on opposite page. Actually welds on all oils. 20% duty cycle for intermittent service. Just plug in on properly wired and fused (30 amp.) house or shop circuit.

$75.00 DOWN

$57.50 CASH

Fire-resistant all-metal cabinet, 1½ x 2¾ x 10 in.; controls on front. "On-off" toggle switch. Automatic voltage regulation. Natural draft cooling; no fans. Maximum rod size ½ in. Can also be used with twin carbon torch 9A 2007 (not included; see opposite page).

Four heats, 30, 45, 60, 75amps. actual welding current. Maximum open circuit secondary voltage 65; maximum K.W. 2.0; maximum K.V. 3.0; maximum line drop 30 amps; line draw when idle 1.5 amps. With two work cables (7 ft. ground, 9 ft. cable, electrode and coupling); plug receptacle; carbon electrode; electrode holder; wire brush; 2 lbs. assorted welding rods; helmet; welder's manual (9A 2023, at right). For single phase, 110-200 volt-60 cycle AC. Check voltage, phase, cycle, capacity of your line with power company before ordering.

99 AM 2018—Shipping weight 226 lbs. $165.00

Solder ... Soldering Accessories
- Core Solder. Flux in core, all set, ready to use. No soldering paste or soldering fluid needed.
- Acid Core Solder. For general soldering only. For electrical or radio work, in core solder.
- Brass Core Solder. Non-corrosive and non-conducting. Best for electrical and radio work.
- Plumber's Solder. Actual weight about 1 pound.
- Duplex Solder. Best for use in high-speed duty work. Pre-war quality. Quick forming; easy to use.
- About 3½-pound bar. Solder, wt. 2 lbs. 10 oz. .95c
- About 3½-pound bar. Solder, wt. 3 lbs. 4 oz. .65c
- Solid Solder. Solid type. For cleaning and tuning soldering equipment. Permits even flow of solder.
- 8 A 8071—Solder, wt. 6 oz. .40 each, package 19c

Craftsman Electric Soldering Irons
Each one approved by Underwriters' Laboratories, Inc. Heat quickly concentrated at point of copper tip by nickel-chrome element wound on Allegheny steel core. Smooth hardwood handles. Insulated cord and plug. For use on any 110-120 volt current.
- Craftsman, 100-watt. For radio or electrical work. 24-ounce, ¼-inch replaceable copper tip, 4½ inches long.
- Craftsman, 150-watt. For general use. 3½-ounce, replaceable copper tip, 4½ inches long, 3 cooling fins.
- Craftsman, 250-watt. For general use. 3½-ounce, replaceable copper tip, 4½ inches long, 3 cooling fins.
- Craftsman, 325-watt. For general use. 3½-ounce, replaceable copper tip, 4½ inches long, 3 cooling fins.
- Craftsman, 500-watt. For general use. 3½-ounce, replaceable copper tip, 4½ inches long, 3 cooling fins.
- 8 A 8068—Extra Solder for Face Shield. Solder, wt. 6 oz...

Chemical Respirator. Pliable, nitrilic rubber with positive sealing edges. Valve can't stick open. Chlorinated rubber filter protects against paint fumes, etc.
- 8 A 8067—Extra Filter for above. Solder, wt. 5 oz. 12 oz. $3.95
- 8 A 8068—Extra Filter for above. Solder, wt. 5 oz. 12 oz. $3.95

Low-cost Respirator. Protects against pollen and against dust from wood, grain, metal, stone. Lightweight molded rubber frame.
- 8 A 8067—Shipping weight 5 oz. $1.98

WARNING: Respirators cannot be used as gas masks.

Tools 1 POWER TOOLS ... 49
One of the Most Useful Tools of All . . . Hundreds of Uses!

Flexible Shafts

Yes . . . actually hundreds of applications for Flexible Shafts, now used with the proper accessories. Here are just a few:
- Cleaning, sanding, polishing, drilling for home use.
- Cutting, grinding, polishing, and more for professional use.
- Drilling, grinding, polishing, and more for industrial use.

Craftsman 50-Inch Flexible Shaft Set

Cuts, grinds, drills, and more! 50-Inch Flexible Shaft for home use. Can be used with a variety of industrial machines.

Flexible Shaft 50 inches long, over-all, fits 14-inch motor shaft. Casing has 2 layers of steel, forming an inner layer of tempered spring steel and an outer layer of soft steel. Ball bearings in hand piece and motor are non-metallic. Adjustable length. Four easy-rolling swivels. Adjustable drill head. Multispeed operation. Two-speed motor operation adapts to sanding, polishing, etc., by mounting mandrel on motor. Shipping weight: 6 lbs. 2 oz.

Craftsman 72-Inch Flexible Shaft

Extra-long . . . and tough. Ideal for heavy-duty use in garages, shops, factories, and industrial plants.

Extra-long, 72-inch shaft. Fits 14-inch motor shaft. Spindle is 14-inch, with 14-inch high carbon steel small end, helically wound, multiple-strand. Inner casing is of helically wound steel, coated with heavy, abrasion-resistant synthetic rubber jacket . . . steel impregnated . . . will not scratch surfaces.

Unusually flexible! Absolutely leakproof! Supports core evenly. The spiral steelchrome finish outer reinforcement at end of shaft protects jacket. Complete with casing, core, motor coupling, hand piece and simple method to insert shafts.

Craftsman Portable Flexible Shaft Outfits

There's right to your work . . . on easy-rolling swivel casters! Outfit includes: Portable Flexible Shaft for 3-speed or single-speed motor (110-120 volt, 60-cycle, A.C.) with cord and plug; and portable stand (99 A 23626L2 listed below). Complete Outfit: $33.65

Craftsman Portable Flexible Shaft Stand


Flexible Shaft Grading and Cutting Accessories


Cup Grinding Wheel. Can be used with a flexible shaft, electric drills, etc. Can be used for cutting, grinding, and more. For shaping and smoothing concrete and other extra rough surfaces. Shipping weight: 2 oz.

Craftsman 6-Pc Rotary Cutter Set

Set up with a flexible shaft, electric drill, etc. Comes with a 6-piece set.

Craftsman Angle Head. Ideal for sanding, polishing, etc. Can be used on a flexible shaft, abrupt angle head. Shipping weight: 2 oz.

Craftsman Wheel Guard. Fits most flexible shafts. Shipping weight: 2 oz.
A New Power Tool Every Time You Change Accessories!

[Images and text related to various tools and accessories, including Tampico Wheel Brush, Lamb's Wool Polishers, Buffing Compounds, and more.]

Grit Chart

| Grit | Grade | Abrasive | Grit Size | Mlns. | Area
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>Fine</td>
<td>Aluminum</td>
<td>25-30</td>
<td>1/2</td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>Medium</td>
<td>Aluminum</td>
<td>15-20</td>
<td>1/2</td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>Super Fine</td>
<td>Aluminum</td>
<td>10-15</td>
<td>1/2</td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>Extra Fine</td>
<td>Aluminum</td>
<td>8-10</td>
<td>1/2</td>
<td></td>
</tr>
</tbody>
</table>

Emery Cloth. Package of 6 sheets; 45 x 53 inches; assorted grits. Shipping weight 3 ounces.

DUNLAP Sanding Block. With 30 x 14-12 inch roll of medium grit garnet paper. Pulls out new section as sanding cloth wears out. 9A638 - Shop wt. 1 oz. 75c

CRAFTSMAN Shop Rolls. Cloth back, aluminum oxide abrasive. For forming metal finishing. Order by catalog number. 120 grit, 1-1/2 inch wide. 9A6431 - Shop wt. 1 oz. 3c

DUNLAP High-quality Steel Wool. Hand ground, fine cut, heavy grade. 9A474 - Shop wt. 1 oz. 3c

CRAFTSMAN Loose Buffs. Not shown.) 16-1/2 inch center hole. Same quality as spiral-sewn buffs at left. Rows of holes indicated are crescent. Easily removed. Use on hard metals, plastics, and plated surfaces to give light cut and high finish. Please be sure to state diameter wanted.

CRAFTSMAN Buffing Compounding Paste. For 9/16 inch shafts, 6 inch, double-thick muffin buffing wheel, 6 oz. bar Rouge and 5 oz. bar Tripoli (brown) buffing compounds.

CRAFTSMAN Economy-size Buffing Compounding Paste. 9A286 - All purpose, Shop wt. 1 oz... 55c
Make Sears Your Headquarters for Power Tool Accessories!

- **Aluminum oxide abrasive rubber-bonded Wheel**
  - 8-inch diameter, 5/4-in. thick, For 3/4, 1/2, or 1/4-in. shaft. $1.29

- **Redox-Bonded Cut-Off Wheel**
  - 8-inch diameter, 5/4-in. thick, For 3/4, 1/2, or 1/4-in. shaft. State shaft diameter. $1.29

- **Crafstman Rubber Polishing Wheel**
  - For wood, rubber, Ideal for rust removal, die work, deburring, sharpening, etc. 5/4-in. thick. $1.15

- **Abrasive Discs**
  - 6-inch Abrasive Discs. Aluminum oxide abrasive on paper backing. For use on wood or metal. Hole in center. Will fit the Crafstman sanding plate. $1.29

- **8-inch Abrasive Discs**
  - 8-inch Abrasive Discs. Aluminum oxide abrasive on paper backing. For use on wood or metal. Fits sanding plates 92441 and 92440 at bottom of page; also fits Sears former sanders No. 2213; also fits any other 8-inch sanding plate. $1.29

- **9-inch Abrasive Discs**
  - 9-inch Abrasive Discs. For use on wood or metal. Fits sanding plates No. 2213 or any other 9-inch sanding plate. $1.29

- **10-inch Abrasive Discs**
  - 10-inch Abrasive Discs. For use on wood or metal. Fits sanding plates No. 2210 or any other 10-inch sanding plate. $1.29

---

**All Sears Sanding and Abrasive Supplies are top professional quality**

- **Stick Disc Cement**
  - Holds sanding discs firmly to metal or wood sanding plates. Non-drying type. Choice of 3/4 or 1/4-in. sticks. $0.36

- **Liquid Disc Cement**
  - Fastens abrasive disc firmly to metal or wood sanding plates. Sets quickly and holds very firm. Shipping weight 1 lb. Each. $0.46

- **7-inch Resin-Bonded Abrasive Discs**
  - 7-inch center hole. 6-pack of 2 discs. $0.39

- **Flexible Sanding Plates**
  - Provides flexibility for sanding in hard-to-reach places. 5-inch diameter. Fits any 8-inch or larger bench saw. $0.49

- **Sanding Belts**
  - These sanding belts have exceptionally high quality throughout. Endless construction. For sanding wood or metal. Choice of fine, medium, or coarse grit. Please read to state grit when ordering. $0.19

- **Sanding Heads**
  - Flexible sanding heads. These flexible sanding plates will fit all sanding machines, lathes, electric hand drills, etc., or any other 4-inch 20-thread spindle. One medium sanding head. $0.49

Sears Easy Terms make it easy to equip an entire workshop. See inside back cover for details.
CRAFTSMAN V-Pulleys... Precision balanced... Smooth running

CRAFTSMAN single groove V-Pulleys
Made of tough alloy die cast metal. Strong flanges and hub; machined grooves and reamed bores. One Allen head hardened set-screw insures positive locking of pulley on shaft. For 5/4-in. (O section) or 5/4-in. (A section) V-belts, except 92000, which is for use with 5/4-in. (O section) belt only. State bore size.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Diameter</th>
<th>Bore, inch</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 2000</td>
<td>1/2 in.</td>
<td>3/4 in.</td>
<td>$0.35</td>
</tr>
<tr>
<td>9 2001</td>
<td>3/4 in.</td>
<td>1 1/4 in.</td>
<td>$0.65</td>
</tr>
<tr>
<td>9 2002</td>
<td>1 1/4 in.</td>
<td>1 5/8 in.</td>
<td>$1.30</td>
</tr>
<tr>
<td>9 2003</td>
<td>1 5/8 in.</td>
<td>1 7/8 in.</td>
<td>$3.25</td>
</tr>
<tr>
<td>9 2004</td>
<td>1 7/8 in.</td>
<td>2 in.</td>
<td>$7.50</td>
</tr>
<tr>
<td>9 2005</td>
<td>2 in.</td>
<td>2 1/4 in.</td>
<td>$20.00</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. To replace single groove V-pulleys on any type electric motor or engine. Positive grip grooves are expertly machined and bores are accurately reamed. CRAFTSMAN single groove V-pulleys have slotted-head, hardened set-screw. Standard keyways in 5/4-inch on larger bores. Grooves fit 5/4-inch (O section) or 5/4-inch (A section) wide V-belts. Order by catalog number and please remember to state clearly the size of bore which you require.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Diameter</th>
<th>Bore, inch</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 2080</td>
<td>1 1/4 in.</td>
<td>1 5/8 in.</td>
<td>$1.25</td>
</tr>
<tr>
<td>9 2081</td>
<td>1 5/8 in.</td>
<td>1 7/8 in.</td>
<td>$3.25</td>
</tr>
<tr>
<td>9 2082</td>
<td>1 7/8 in.</td>
<td>2 in.</td>
<td>$7.50</td>
</tr>
<tr>
<td>9 2083</td>
<td>2 in.</td>
<td>2 1/4 in.</td>
<td>$20.00</td>
</tr>
</tbody>
</table>

CRAFTSMAN hubless V-Pulleys

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Diameter</th>
<th>Bore, inch</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 2001</td>
<td>3/4 in.</td>
<td>1 1/4 in.</td>
<td>$0.50</td>
</tr>
<tr>
<td>9 2002</td>
<td>1 1/4 in.</td>
<td>1 5/8 in.</td>
<td>$1.00</td>
</tr>
<tr>
<td>9 2003</td>
<td>1 5/8 in.</td>
<td>1 7/8 in.</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

CRAFTSMAN two-groove V-Pulleys
Made of heavy cast iron. Balanced and true running. Strong enough for heavy production work. Use on electric motors or gas engines on industrial, farm, workshop or household machines. Standard keyways provided in all bores listed in table below. Two hardened, hollow-head set-screws. With V-belts 3/4-in. (A section) or 5/4-in. (B section).

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Diameter</th>
<th>Bore, inch</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 2004</td>
<td>3/4 in.</td>
<td>1 1/4 in.</td>
<td>$3.25</td>
</tr>
<tr>
<td>9 2005</td>
<td>1 1/4 in.</td>
<td>1 5/8 in.</td>
<td>$6.00</td>
</tr>
<tr>
<td>9 2006</td>
<td>1 5/8 in.</td>
<td>1 7/8 in.</td>
<td>$12.00</td>
</tr>
<tr>
<td>9 2007</td>
<td>1 7/8 in.</td>
<td>2 in.</td>
<td>$25.00</td>
</tr>
</tbody>
</table>

CRAFTSMAN 3 and 4-groove V-Pulleys
Heavy duty. Accurately machined grooves; precision reamed bores. Made of heavy cast iron; balanced; true running. Keyways sizes from 5/4-in. through 5/4-in. bores, no keyway; from 3/4-in. through 5/4-in.; 5/4-in. keyway; from 5/4-in. through 5/4-in.; 5/4-in. keyway; from 5/4-in. through 5/4-in.; 5/4-in. keyway. Allen head screws and Allen head wrench included. Keys not included. Bore sizes: 3/4, 4, and 5/4-in. diameter, 5/4-in. by 1/16-in. increments; remaining have bore sizes ranging from 5/4-in. to 5/4-in. by 1/16-in. variations. Shipped from factory in Chicago order and pay shipping charges from your Sears mail order house. Order by catalog number and state pulley diameter and bore.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Diameter</th>
<th>Bore, inch</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 3905F</td>
<td>3 3/4 in.</td>
<td>7 1/4 in.</td>
<td>$10.00</td>
</tr>
<tr>
<td>9 3906F</td>
<td>4 in.</td>
<td>8 in.</td>
<td>$12.00</td>
</tr>
<tr>
<td>9 3907F</td>
<td>4 1/2 in.</td>
<td>8 1/4 in.</td>
<td>$14.00</td>
</tr>
</tbody>
</table>

The pulleys on this page were designed to fit CRAFTSMAN and other makes of tools. CRAFTSMAN V-belts (face page) were manufactured to match CRAFTSMAN pulleys or any other make of a corresponding line.

Matched V-Belts
Matched for multiple drive. 3/4-in. Shipped from factory in Chicago. Order and pay shipping charges from your mail order house.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Size</th>
<th>Shipping weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 A 1799</td>
<td>7/8 in.</td>
<td>$1.50</td>
</tr>
<tr>
<td>9 A 1799</td>
<td>1 in.</td>
<td>$2.00</td>
</tr>
<tr>
<td>9 A 1799</td>
<td>1 1/8 in.</td>
<td>$2.50</td>
</tr>
<tr>
<td>9 A 1799</td>
<td>1 1/4 in.</td>
<td>$3.00</td>
</tr>
<tr>
<td>9 A 1799</td>
<td>1 1/2 in.</td>
<td>$3.50</td>
</tr>
<tr>
<td>9 A 1799</td>
<td>1 3/4 in.</td>
<td>$4.00</td>
</tr>
<tr>
<td>9 A 1799</td>
<td>2 in.</td>
<td>$4.50</td>
</tr>
</tbody>
</table>

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 1150 R.P.M. Check the example given at right—then you'll be sure of ordering the correct size for your machine.

<table>
<thead>
<tr>
<th>Size</th>
<th>Driving Pulley Diameter in inches</th>
<th>Diameter of Drive Pulley in inches</th>
<th>R.P.M.</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4 in.</td>
<td>1 1/4 in.</td>
<td>1 1/2 in.</td>
<td>1500</td>
<td>5400</td>
</tr>
<tr>
<td>1 1/4 in.</td>
<td>1 3/4 in.</td>
<td>2 in.</td>
<td>1200</td>
<td>4320</td>
</tr>
<tr>
<td>1 1/2 in.</td>
<td>2 1/2 in.</td>
<td>2 3/4 in.</td>
<td>1000</td>
<td>3600</td>
</tr>
<tr>
<td>2 in.</td>
<td>3 in.</td>
<td>3 1/2 in.</td>
<td>800</td>
<td>2400</td>
</tr>
</tbody>
</table>

Example: the machine has a 2-in. 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, find the pulley in the vertical 2-in. column to the speed of 3450, then to the left in column headed "Diameter of Driving or Motor Pulley". The answer is a 4-in. diameter pulley.

How to figure pulley diameter for engine. Multiply diameter of driving pulley by (R.P.M.) of engine. Result is diameter of machine pulley.

How to figure machine pulley diameter. Multiply diameter of driving pulley by (R.P.M.) of engine. Divide result by (R.P.M.) of machine. Result is diameter of machine pulley.
"How to Measure" V-Belts: Add diameter of engine pulley (A) to diameter of driven pulley (B); multiply the total of these diameters by 1.57; add twice the distance between centers of pulleys (C) for circumference (length) of belt required.

Another method is to measure around outside edge of pulleys (not in groove) with string or tape.

**CRAFTSMAN 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.

**3/8-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>Shpg. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9A 1530</td>
<td>20 in.</td>
<td>.4 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1531</td>
<td>22 in.</td>
<td>.4 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1532</td>
<td>24 in.</td>
<td>.4 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1533</td>
<td>26 in.</td>
<td>.4 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1534</td>
<td>28 in.</td>
<td>.4 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1535</td>
<td>30 in.</td>
<td>.4 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1536</td>
<td>32 in.</td>
<td>.4 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1537</td>
<td>34 in.</td>
<td>.4 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1538</td>
<td>36 in.</td>
<td>.4 oz.</td>
<td>.50c</td>
</tr>
</tbody>
</table>

Be sure to order the correct size V-belt. See "How to Measure" above before ordering.

**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 at left.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Length</th>
<th>Shpg. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9A 1622</td>
<td>22 in.</td>
<td>.5 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1623</td>
<td>24 in.</td>
<td>.5 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1624</td>
<td>26 in.</td>
<td>.5 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1625</td>
<td>28 in.</td>
<td>.5 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1626</td>
<td>30 in.</td>
<td>.5 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1627</td>
<td>32 in.</td>
<td>.5 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1628</td>
<td>34 in.</td>
<td>.5 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1629</td>
<td>36 in.</td>
<td>.5 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1630</td>
<td>38 in.</td>
<td>.5 oz.</td>
<td>.50c</td>
</tr>
<tr>
<td>9A 1631</td>
<td>40 in.</td>
<td>.5 oz.</td>
<td>.50c</td>
</tr>
</tbody>
</table>

Pulley Remover

- CRAFTSMAN. An excellent sheave and pulley remover for small V-drive pulleys when frozen fast on electric motors or other power tool shafts; and for removing drive sheaves.

Pins single or multiple groove pulleys, gears, bearings, etc. Eliminates pulling on outer flange. Easy to operate. Just clamp in V-groove of sheave or pulley ... will not fall out when holder is tipped. Pin socket sets screws No. 1, 2, 3, 8, 10, 14 and 16, 14, 14, 14, 14, 14.

| 9A 2807—Shipping weight 10 oz. | Set of 9c |

- 9-piece Set Screw Wrench Set. For above set screws. Made of tempered tool steel. In convenient plastic holder. Wrenches hold securely in holder by Neoprene rubber device; will not fall out when holder is tipped. Pin socket sets screws No. 1, 2, 3, 8, 10, 14 and 16, 14, 14, 14, 14, 14.

Set Screws, Wrenches

- Socket Set Screws. Replace ordinary set screws. Can be screwed flush with surface. Tough alloy steel. Wt. each 2 oz.

**Line Shaft and Line Shaft Accessories**

Here's your opportunity to set up a power tooi unit in your home workshop at an extreme low cost. With this line shaft it is possible to drive a number of tools from one motor. Exceptionally high quality throughout. Precision built to assure utmost accuracy. For best results we recommend a 1/2-h.p. motor or larger for line shaft driving.

| Steel Line Shaft. Use 1/2-inch line shaft for light tools; 3/4 and 1/2-inch line shaft for heavier machines and larger motors. | 9A 2829—Shipping weight 1 pound 18 ounces. |
| 9A 2829A—Shipping weight 1 pound 15 ounces. |
| 9A 2829B—Shipping weight 1 pound 12 ounces. |

- Flexible Coupling. Used to connect motor shaft to line shaft. Self-adjusting for slight misalignment. Suitable for any motor with 1/4-inch shaft. 1/4-inch hangers should be spaced every 18 inches; 1/4-inch hangers should be spaced every 24 inches for best results.

| 9A 2830—Shipping weight 1 pound 8 ounces. |
| 9A 2830A—Shipping weight 1 pound 5 ounces. |
| 9A 2830B—Shipping weight 1 pound 2 ounces. |

- Bronze Bearing Shaft Hanger. Adjusts for different shaft alignments. 1/4-inch hangers should be spaced every 15 inches; 1/4-inch hangers should be spaced every 24 inches for best results.

| 9A 2831—Shipping weight 1 pound 8 ounces. |
| 9A 2831A—Shipping weight 1 pound 5 ounces. |
| 9A 2831B—Shipping weight 1 pound 2 ounces. |

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

| 9A 2832—Shipping weight 1 pound 8 ounces. |
| 9A 2832A—Shipping weight 1 pound 5 ounces. |
| 9A 2832B—Shipping weight 1 pound 2 ounces. |

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

| 9A 2833—Shipping weight 1 pound 5 ounces. |
| 9A 2833A—Shipping weight 1 pound 2 ounces. |
| 9A 2833B—Shipping weight 1 pound ounces. |

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

| 9A 2834—Shipping weight 1 pound 2 ounces. |
| 9A 2834A—Shipping weight 1 pound 1 ounce. |
| 9A 2834B—Shipping weight 1 pound 1/2 ounce. |

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

| 9A 2835—Shipping weight 1 pound 2 ounces. |
| 9A 2835A—Shipping weight 1 pound 1 ounce. |
| 9A 2835B—Shipping weight 1 pound 1/2 ounce. |

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

| 9A 2836—Shipping weight 1 pound 2 ounces. |
| 9A 2836A—Shipping weight 1 pound 1 ounce. |
| 9A 2836B—Shipping weight 1 pound 1/2 ounce. |

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

| 9A 2837—Shipping weight 1 pound 2 ounces. |
| 9A 2837A—Shipping weight 1 pound 1 ounce. |
| 9A 2837B—Shipping weight 1 pound 1/2 ounce. |

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

| 9A 2838—Shipping weight 1 pound 2 ounces. |
| 9A 2838A—Shipping weight 1 pound 1 ounce. |
| 9A 2838B—Shipping weight 1 pound 1/2 ounce. |
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22-piece Set

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Without motor, motor pulley or belt
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REAL PROFESSIONAL QUALITY THROUGHOUT. Performs all operations of sawing, grinding, shaping and polishing. Made of light, strong aluminum alloy castings. All wheels run in horizontal position. Lubrication cup can be moved around the rim. Splash rim keeps liquids from splashing out. Ribs-drilled shaft provides forced lubrication to the bearing when grease cup is tightened.

EQUIPMENT INCLUDED:
- Complete Gem Maker, 6-in. super-charged diamond blade; 6-in. cast iron lap wheel; 6-in. silicon carbide grinding wheel; 6-in. wood scratch wheel; 6-in. silicon carbide scratch wheel; 6-in. special felt polishing wheel; 4-oz. No. 100 grinding compound; 4-oz. No. 220 grinding compound; 5-oz. polishing compound; 3 brushes for applying compounds; 6 assorted dop sticks; dop cement; assorted gems for cutting; 15-pc. soluble oil, instructions. Height, with cup, 113/4 in.

99 A 01400—Set, without motor, motor pulley or V-belt. Shpg. wt. 18 lbs... $32.50

Below, you will find extra supplies for gem making

9 A 1401—12-ounce package No. 100 Grinding Compound. Shpg. wt. 12 oz... 59c
9 A 1402—12-ounce package No. 220 Grinding Compound. Shpg. wt. 12 oz... 59c
9 A 1403—12-ounce package Polishing Compound. Shpg. wt. 12 oz... 1.49
9 A 1404—5-oz. Soluble Oil for sawing. Shpg. wt. 12 oz... 35c
9 A 1405—6-inch Silicon Carbide Scratch Wheel. Shpg. wt. 2 oz... 25c
9 A 1406—6-inch Silicon Carbide Scratch Wheel. Shpg. weight 8 oz... 89c
9 A 1407—6-inch Silicone Carbide Grinding Wheel. Shpg. wt. 1 lb 4 oz... 2.49
9 A 1408—6-inch Plain Wood Lap Wheel. Shpg. weight 8 oz... 29c
9 A 1409—6-inch Cast Iron Lap Wheel. Shpg. weight 2 lbs... 1.89
9 A 1410—6-inch Felt Polishing Wheel. Shpg. weight 8 oz... 1.59
9 A 1411—7½-ounce package Dop Cement. Shpg. weight 4 oz... 43c
9 A 1412—6½ oz. assorted Dop Sticks. Shpg. weight 2 oz... 6 for 29c
9 A 1413—Three Compound Application Brushes. Shpg. wt. 2 oz... 3 for 35c
9 A 1414—Alcohol Lamp for melting dop cement. Shpg. wt. 9 oz... 1.00
9 A 1415—8-ounce package Assorted Semi-precious Stones. Shpg. wt. 8 oz... 1.00
9 A 1416— Jade Stone. Approx. 1x×1/4 in. Shpg. wt. 2 oz... 39c
9 A 1417—Obsidian Stone. Approx. 1x×1/4 in. Shpg. wt. 2 oz... 25c
9 A 1420—Montana Agate Stone. Approx. 1x×1/4 in. Shpg. wt. 2 oz... 25c
9 A 1421—Super-charged Diamond Cutting-Wheels. 1½-in., hole 6, 10 and 12-inch sizes shipped from factory near Chicago. You may post-age from there on delivery. Sone diameter. 9 A 1418—6-inch. For the Gem Maker on this page. Shpg. wt. 9 oz... 59.25
9 A 1419—8-inch. For above Gem Maker. Shpg. wt. 14 oz... 10.95
9 A 1419—10-inch. For above Gem Maker. Shpg. wt. 1 lb 2 oz... 14.95
9 A 1418—12-inch. For above Gem Maker. Shpg. wt. 1 lb 10 oz... 21.95

IT’S EASY! Just 7 simple steps from the rough stone to a beautiful gem

First, simply saw the stone flat on one side with diamond blade. It’s very easy to do!

Smooth flat surface with cast iron lap wheel. This step is not always necessary.

Cement the stone to the round wood dop stick to permit easier handling.

Shape the top and sides of the stone on the silicon carbide grinding wheel.

Take out the deeper scratches in the shaped stone with the wood top wheel.

Take out the remaining smaller scratches with the silicon carbide scratch wheel.

Give the gem a beautiful, gleaming professional finish with the felt polishing wheel.

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