FIRST TIME IN 5 YEARS... A COMPLETE LINE OF

CRAFTSMAN
REG. U.S. PAT. OFF.

Power Tools

NEW 1948 MODELS

SEARS ROEBUCK and CO.
Satisfaction Guaranteed or Your Money Back...
Power Tools set the pace and price!

The CRAFTSMAN Power Tools presented in this catalog are the result of years of Sears’ “know-how” in the power tool field of engineering, manufacturing and distribution. Sears gives you assurance of maximum accuracy and precision. Each tool is soundly engineered by our technical staff of experts plus the engineering staffs of America’s foremost manufacturers of power tools.

Sears anticipates your needs

Sears constantly has its finger on the pulse of the field. The demands and needs of power tool users are made known to us through our hundreds of retail stores and our eleven huge mail order houses. New designs, modifications and added features, which you, the user, want, are steadily being incorporated into each CRAFTSMAN Power Tool. Each tool is thoroughly inspected and tested by the manufacturer and our own testing laboratory before we offer it to you. It must be Right to have the CRAFTSMAN label. As a result, Sears brings you the most up-to-date, precision power tools possible.

Developments perfected by Sears

Several years ago, Sears presented a radically different drill press with the “Floating Drive” spindle assembly. This was designed and produced to eliminate the objectionable spindle whip and vibration present in conventional drill presses. Next came a back-gearred screw cutting lathe, with accuracy, precision and quality never before thought possible at Sears low price. Next Sears made available, in the moderate price field, the famous tilting arbor bench saw. Following these came the new 3-drum construction portable belt sander, the exclusive new “Walking Beam” drive action jigsaw which gives a smooth up and down stroke, the fully enclosed band saw, and many, many others ... making Sears CRAFTSMAN Power Tools the leaders and pace makers in the field.

Top quality first at Sears

Besides leading the industry in advancements in power tool engineering, Sears have always insisted on quality at the lowest price possible. Sears modern methods of merchandising eliminate much of the costly selling overhead. The entire cost of production goes into top quality materials and workmanship, not into expensive distribution and other costly sales methods. We pass these savings on to you—the purchaser of CRAFTSMAN Power Tools.

The point is, CRAFTSMAN Power Tools have the dominant position in the field. They set the pace and price. America's craftsmen, both professional and amateur, know they are getting soundly engineered products of superior construction at prices they can afford to pay. And you are protected by a Guarantee that has been nationally famous for over Fifty Years.

Be wise, buy and use CRAFTSMAN Power Tools. With men who know and use power tools, it's CRAFTSMAN first and foremost.

Important notice about prices

The low prices in this catalog will be maintained if possible. However, because of the uncertainty of raw material markets we cannot guarantee to maintain the prices shown, and we reserve the right to increase the price of any item if it becomes necessary to do so.

Furthermore, should the Federal Government or any State increase by taxes or otherwise the cost or selling price of any of the merchandise shown in this book, we reserve the right to add such taxes or other increases of cost or selling to the prices shown in this catalog.
NEW! Craftsman "100" Tilting Arbor Bench Saws

Beauty and strength combined with delicate precision operation

Now Craftsman offers you the most important and indispensable wood working power tool in TWO sizes ... an 8- and 10-inch bench saw. These Craftsman Tilting Arbor Bench Saws are tough, rugged, powerful saws and are precision built to do accurate, high quality continuous production work.

Work stays level. No more holding lumber at an awkward, uncomfortable angle! The blade and arbor tilt 0 to 45 degrees ... the table and work always stay level. Saw blade and arbor are rigidly supported in massive cradle and trunnions ... raise and lower to vary depth of cut ... lock at any desired angle. No twisted belt ... motor tilts with the blade.

Exceptionally large table. Heavy cast semi-steel; precision ground. Has removable insert for dadoing or sanding. Quick-acting, self-squaring rip fence locks at both ends with one handle; can be used on either side of blade. Varnier adjustment. Grooved on both sides for right or left hand miter cuts. Cuts all angles including compound miters. Accurate miter gauge has stop rods for repetitive cuts.

Automatic leveling guard. Tilts with the blade. Has transparent plastic insert ... protects the operator ... permits him to see work. Guard equipped with non-kick back pawls and splitter blade. Has built-in sawdust chute and guard.

Specifications for 8-inch model:
- Depth of cut, maximum: 2 1/4 inches
- Blade, combination type—size: 8-inch diameter bore: 6 1/2 inch
- Table size: 18x20 inches
- Table size, with front extension (not included): 18x27 inches
- Dado capacity:
  - width: 1 3/4 inch
  - depth, with 6-inch dado: 1 3/4 inches
- Bearings: Two-ball
- Arbor speed recommended: 4140 R.P.M.
- Motor recommended, minimum: 1/2 H.P., 3450 R.P.M.
- Machine pulley (included): 2 1/4 inches
- Motor pulley (included): 1 3/4 inches
- Mounting dimensions: 11 1/4 x 13 7/8 inches
- Over-all dimensions: Height 17 3/4 inches; width 20 1/4 inches; length 26 1/4 inches.

$84.50 Cash
$850 Down on Terms

Specifications for 10-inch model:
- Depth of cut, maximum: 3 1/4 inches
- Blade, combination type—size: 10-inch diameter bore: 7 1/4 inch
- Table size: 20x27 inches
- Dado capacity:
  - width: 1 3/4 inch
  - depth, with 6-inch dado: 1 3/4 inches
- Bearings: Two-ball
- Arbor speed recommended: 3450 R.P.M.
- Motor recommended, minimum: 1/2 H.P., 3450 R.P.M.
- Machine pulley (included): 2 1/4 inches
- Motor pulley (included): 1 3/4 inches
- Mounting dimensions: 11 1/4 x 13 7/8 inches
- Over-all dimensions: Height 18 3/4 inches; width 21 1/4 inches; length 33 3/4 inches.

$96.50 Cash
$10 Down on Easy Terms

Table and Rip Fence Extension. For above 8-inch saws only. Increases table size to 18x27 inches.
$8.95

Table Extension Bracket. For side extension on above 8- and 10-inch bench saws. Comes packed one bracket per package.
$8.95

Dado Insert. For 8- or 10-inch bench saws above.
$9.90

Sending Insert. For above 8- or 10-inch saws.
$9.90

ROSE TOOLS, INC.
CRAFTSMAN "80" 8-inch Tilting Table Saw

Has maximum depth of cut of 2½ inches

Woodworkers...modelmakers...patternmakers...building maintenance men...home craftsmen! Here is the ideal saw for you men who want a sturdy, accurate tool. The CRAFTSMAN 8-inch tilting table bench saw meets the most rigid demands of amateur and professional craftsmen and industrial shops. It's big, rugged...a real brute of a tool. Heavy duty, too! It has the famous CRAFTSMAN quality in every detail. And it's priced so you can afford it. Check the following specifications and features for yourself. You'll agree it's an outstanding tilting table bench saw! Just the one you need for your work and your workshop.

Large capacity. Maximum depth of cut is 2½ inches. Depth of dado cut is 1¾ inches and width of dado cut is 1½-inch maximum. With this saw, you can miter up to 2-inch lumber.

Ample working surface. The table, a full 15½ x 18 x 2¼ inches, is sturdily made of cast semi-steel, smoothly ground and polished. It's large enough for you to handle good sized work. Table is rib braced for added strength and is grooved on both sides of blade for either left or right hand miter cuts. Removable insert for dadoing.

Table tilts to any angle up to 45 degrees on oversized double trunnions. Table tilting easily and quickly controlled by convenient handwheel and self-locking screw. Table may be manually locked if desired. The accurate gauge shows angle of tilt.

Precision high speed ball bearing operation. Arbor spurs freely on two sets of ball bearings. Bearings are accurately ground and finished, packed in grease and sealed against dirt and grit. This assures you of smooth, long-life operation.

8-inch combination blade can be used as rip, crosscut or mitre blade. Expertly made of heat treated "Super-Tuff" steel, hand hammered for accuracy. Blade can be raised and lowered by convenient hand wheel control.

SPECIFICATIONS:
- Depth of cut, maximum .... 2½ inches
- Table size .............. 15¾ x 18⅛ inches
- Table with extensions (not included) .... 20¾ x 23¾ inches
- Dado capacity, maximum, with 6-in. head: Width .... 3¼ inch Depth .... 1¾ inches
- Blade Diameter ........ 8 inches Type ........ Combination Bore ........ 1½ inch
- Bearings ........ 2 ball
- Recommended arbor speed .... 4500 R.P.M.
- Motor recommended .... 3½ H.P. 3450 R.P.M.
- Machine pulley (included) .... 2 inch
- Motor pulley (not included) .... 2½ inch
- Mounting dimensions .... 9½ x 14½ x 14 inch
- Over-all dimensions: Height 14½ inches; width 19 inches; length 28½ inches.

With blade, machine pulley, rip fence, splitter; automatic-leveling double-pivot guard with enclosed spring loaded kick-back pawls, indexing miter gauge and stop rods for repetitive cut-offs. 99 TM 2199 - CRAFTSMAN 8-inch Bench Saw without motor. Shipping weight 97 lbs. ........ $59.50

99 TM 2197 - CRAFTSMAN 8-inch Bench Saw with ¾ H.P. ball bearing capacitor motor for 110-120-volt 60-cycle A.C. Ship. wt. 113 lbs. ........ $89.00

Table Extension Set above saw

Increases the working surface of your 99 TM 2199 bench saw table to 20¾ x 23¾ inches. Gives an additional 5½-inch table surface ahead of saw blade. Fits 99 TM 2199 saw perfectly...gives you a solid working surface that permits you to handle larger work than you could without this extension set. Set includes: two cast semi-steel front extensions, smooth ground and polished; two stamped steel side extensions; one rear support bar and all the necessary belts and fittings needed to install extensions. 99 TM 02232 - Shipping weight 31 lbs. ........ $14.95

Replacement Blades

Eight-inch combination type circular saw blades for use on 99 TM 2199 saw are listed and shown on page 10 of this 1948 CRAFTSMAN Power Tool Catalog. Buy yours today!

Easy Terms

Short of cash? Buy your power tools on Sears Easy Terms. Only 10% down; balance payable monthly. See inside back cover for details.
CRAFTSMAN "80"
Tilting Table Saw

Rugged heavy duty type ... our finest 7-inch tilting table saw. Massive cast semi-steel construction throughout.

**Bigger, heavier table.** 16½x4x12¾-inch table tilts 0 to 45 degrees; locks in angle position. Grooved on both sides of blade for mitering. Has removable insert for dadoing. Self-aligning rip fence may be used on either side of blade.

**Depth of cut adjustable.** 0 to 2¼ inches. 7-inch combination blade with ¾-inch bore may be raised and lowered by ball crank mechanism. Convenient hand wheel controls depth of cut. Streamlined, metal guard over blade.

**Massive cast iron base** completely encloses mechanism. Self-lubricating oilite bronze bearings; oil filters through bronze.

Comes with guard, splitter, miter gauge and blade.

**SPECIFICATIONS:**
- Depth of cut, maximum .................................... 2¼ inches
- Blade ...................................................... 7-inch combination type with ¾-inch bore
- Table size .................................................. 12½x16½x16½ inches
- Table size with extensions (not included) ......................................... 23¼x16½x16½ inches
- Dado capacity, max., with 6-in. head .............................................. 1¼ inches
- Bearings ................................................... Two self-lubricating oilite bronze
- Recommended arbor speed ......................................................... 4500 R.P.M.
- Motor recommended, minimum ................................................. 3/4 H.P. 1750 R.P.M.
- Machine pulley (included) .................................................. 2 inch
- Motor pulley (not included) .......................................................... 5 inch
- Mounting dimensions ................................................................. 11¾x16½ inches
- Over-all dimensions: Height 14 inches; width 12½ inches; length 20½ inches

**$36.50**

99 T 02342 — Without motor. Shpg. wt. 66 lbs. .......... **$36.50**

99 TM 2278 — With ½ H.P. 1850 R.P.M. split-phase ball bearing motor for 110-120 volt A.C. Shpg. wt. 66 lbs. .......... **$55.00**

OUNLAP 7-inch
Tilting Table Saw

The ideal saw for home or small workshop use. It does a fine job of cross-cutting, ripping, mitering and grooving.

**Maximum depth of cut 2¾ inches.** Has 7-inch combination blade. Ball crank mechanism raises and lowers blade.

14½x10½x10½-inch table tilts 0 to 45 degrees. Table smooth ground; made of cast semi-steel. Removable insert for dadoing. Self-aligning rip fence locks in position. Adjustable guard.

Complete with guard, splitter, miter gauge and rip blade.

**SPECIFICATIONS:**
- Depth of cut, maximum .................................... 2¼ inches
- Blade ...................................................... 7 inch rip blade with ¾-inch bore
- Table size .................................................. 14½x10½x10½ inches
- Extensions .................................................. Not available
- Dado capacity, max., with 6-in. head .............................................. ¾ inch
- Bearings ................................................... Two self-lubricating oilite bronze
- Recommended arbor speed ......................................................... 4500 R.P.M.
- Motor recommended, minimum ................................................. 3/4 H.P. 1750 R.P.M.
- Machine pulley (included) .................................................. 1¼ inch
- Motor pulley (not included) .......................................................... 4 inch
- Mounting dimensions ................................................................. 9¾x16½ inches
- Over-all dimensions: Height 11½ inches; width 10½ inches; length 17½ inches

**$24.00**

99 T 02165 — Without motor. Shpg. wt. 35 lbs. .......... **$24.00**

99 T 02149 — With ½ H.P. 1750 R.P.M. split-phase ball bearing motor for 110-120 volt A.C. Shpg. wt. 66 lbs. .......... **$42.50**

Table Extension

$460 Designed for use with CRAFTSMAN 7-inch heavy duty tilting table saw, 99 T 02342, above. Fits perfectly. Provides much bigger working surface so you can handle larger work with greater ease. Total working surface of saw table increased from 12½x16½x16½ inches to 23¼x26½x10½ inches. Set consists of two smooth steel side extensions, each 23¼x16½x10½ inches in size, plus all necessary support bars and fittings for attaching extensions to saw. One extension is mounted on each side of blade. Rip fence may be used over the entire length of the extensions. Extensions easily installed.

9 T 2174 — Shpg. weight 7 lbs. 8 oz. .......... **Set $4.60**

Motor Pulleys and V-belts
Not supplied with any of saws on these two pages. Order separately. For V-belts, see page 66; for pulleys, page 47.

ROSE TOOLS, INC.
The blade, guard, arbor and motor are mounted on the rugged carriage that rolls smoothly on 6 ball bearing rollers... All working parts are below the table surface... out of the way.

**Craftsman “100” Builder’s Saw**

Heavy duty type to meet all your construction and production needs

The blade, guard, arbor and motor are mounted on the rugged carriage that rolls smoothly on 6 ball bearing rollers... All working parts are below the table surface... out of the way through it by pulling convenient handle. Cuts large heavy work faster, easier and more accurately than the ordinary bench saw.

**Extra large table.** 36x24-inch table top is one-piece steel, stamped and coined. Sturdy ribbing brace are welded to underside. Equipped with two mitre gauges. Left hand is used when work is stationary and blade is pulled through work; right hand is used when blade is stationary for making shorter cuts. Rip fence locks at both ends for better squaring accuracy in cutting. It moves along table by pinion in rack under guide bar. Arbor is mounted on two roller type needle bearings.

**SPECIFICATIONS:**
- Depth of cut, maximum............. 3 3/4 inches
- Blade, combination type............ 10-inch diameter 5/4-inch bore
- Bearings: arbor........... 2 sets of roller needle bearings
- Carriage rollers........... 6 sets of ball bearings
- Dado capacity:
  - Width, maximum............. 1 1/4 inch
  - Depth, maximum, with 6-in. dado saw........ 1 1/4 inch
  - Distance in front of blade (at miter gauge)....... 1 3/4 in.
- Arbor speed recommended............ 4000 R.P.M.
- Motor recommended, min. 5/4 H.P., 3450 R. P. M.
- Machine pulley (included) 2 1/4-inch double "V" groove
- Motor pulley (included) 3 in. double "V" groove
- Switch (included)................. 2 H.P. capacity
- Carriage travel, maximum............ 36 inches
- Miter cut, maximum............. 3 1/4 x 3 1/4 inches
- Miter graduations L. H.............. 3/4 in 180° radius
- Miter graduations R. H.............. 1 in 180° radius
- Table height...................... 33 inches
- Over-all dimensions: Height (including handle) 40 inches; length 42 3/4 inches; width 27 inches.

Shoe, wt. 208 lbs...................... $138.00

With- out Motor $99.50 
Cash Down on SEARS EASY PAYMENTS
CRAFTSMAN Electric Hand Saw

Cuts faster than any similar saw we know of... only $10.00 Down

The rugged, portable electric saw that does any sawing operation 10 TIMES FASTER than ordinarily performed with a hand saw... actual tests proved it. And it's so easy to use. Do your ripping, crosscutting, mitering and notching and cutting rafters, floor joists, panels and siding the modern speedy way... with a CRAFTSMAN 8-inch Electric Hand Saw. Tremendously useful in carpentry, building construction, crate and box making, etc.

Super-light capacity. The base is adjustable for depth of cut. From 0 to 2¼ inches in vertical position and 2 inches at 45 degrees. The 8-inch blade, mounted on right side for visibility and convenience, is protected at every angle by an automatic telescoping guard... rotates on needle bearings.

New close-coupled design. The motor and handle are mounted close to the blade... gives better balance... more efficient gear arrangement. Gears are made of helical cut alloy steel. One Zerk grease fitting lubricates all the gears. Knob handle on the left side for two handed operation.

SPECIFICATIONS:
- Depth of cut, maximum: vertical position 2¼ in. 45° position 2 inches
- Blade (included) diameter 8 inches bore ¼ inch type combination 6000 R.P.M.
- Base adjustment: For depth of cut 0 to 2¼ inches
- For angle of cut 45 to 90 degrees
- Bearings... Double sealed SKF ball bearings
- Motor. General Electric, universal; 110-120 volt A.C.-D.C.
- Switch... Non-locking Trigger type, enclosed
- Sawdust blower... Built-in
- Ripping Guide... Built-in
- Over-all dimensions: Height (with handle) 11¾ inches; length 13 inches; width 9 inches

The lightweight frame is made of strong, die-cast aluminum alloy. Actual weight of this CRAFTSMAN Electric Hand Saw is only 19 pounds. A convenient 20-gauge steel carrying case is included with saw. Open-front type with shelf for carrying saw and space below for storing extra blades, cords, tools, etc. Size of case is 16x13½x10 inches.

Complete with 8-inch blade, 10-foot 3 wire rubber covered cord, unbreakable plug, wrench and handy all steel carrying case. Shipping weight 38 pounds.

99-03-056 — CRAFTSMAN Electric Hand Saw... $97.50
9 T 6455 — Cut-off Wheel. For use on above saw. 8-inch diameter. ⅝-inch thick. Use for cutting tile, concrete, granite, cast iron, etc. Specify ½-inch bore. Shipping weight 8 ounces. Each $1.59
9 T 4940 — CRAFTSMAN Combination Blade. For use on above saw. Made of tough alloy steel. 8-inch diameter; ½-inch bore. Shipping wt. 1 lb. $2.35

ROSE TOOLS, INC.
ROSE TOOLS, INC.

CRAFTSMAN "100"

12-inch Band Saw

Cuts wood 6 inches thick

Here's a mighty essential saw for all woodworking shops! You're able to saw curves in lumber up to 6 inches thick and to the center of a 24-inch circle with this Craftsman heavy duty Band Saw. This extra large, extra safe saw is designed to meet your toughest production problems. When equipped with special blades, it can be used for sawing asbestos, bakelite, paper, insulation, fiberglass, sheet metal, etc. When a rip fence (described below) is attached to the table, this saw is ideal for ripping lumber.

Large cutting capacity. The 143/4 x 12-inch table tilts and locks to any angle up to 45°...adjusts with accurate tilt angle indicator. With the non-lifting extension the table size is 183/4 x 143/4 inches. Regular table made of smooth ground heavy ribbed cast iron. In center of table, around the saw blade, is a soft aluminum throat plate that prevents damage to blade in case of breakage.

Extra safe. Notice the fully enclosed design! It's sleek, streamlined and safe. Safe because all the working parts, except the actual cutting section of the blade, are completely enclosed in a sturdy steel frame or casing. No chance of injury to the operator if the blade should accidentally break! It's inside the casing where it can't fly out. This is one of the safest band saws ever built.

Rugged superior construction. The two rubber-tired cast iron wheels used in this Craftsman Band Saw are much heavier than conventional steel or die cast wheels found in other saws. The lower wheel is the driver and is connected by belt to the motor. This feature and the extra weight give a flywheel effect for exceptionally smooth operation even on deep cuts. The upper wheel raises and tilts on sturdy mounting to adjust the blade tracking and tension. Each wheel runs on double sets of ball bearings.

$66.50

Without Motor

$7 DOWN...ON EASY TERMS

Accurate cutting. The saw guides, one above and one below the table, hold the blade firmly but gently in place...keep the blade from twisting and wobbling...enables you to make true, accurate cuts. The guides are made of hardened steel and have oil impregnated adjustable bronze blocks and ball bearing thrust wheels.

SPECIFICATIONS:

- Depth of throat, maximum ........................................ 12 inches
- Depth of cut, maximum ........................................ 6 inches
- Table size .................................................. 12 x 14 3/4 inches
- Table size with auxiliary table (included) .............. 18 3/4 x 14 3/4 inches
- Length of blade ........................................ 80 inches
- Width of blade (one included) .................................. 1 3/4 inches
- Bearings .................................................. Four sets ball bearings
- Size of each wheel ........................................ 12 inches
- Machine pulley (included) ...................................... 5 inches
- Motor pulley (not included) .................................... 2 inches
- Motor recommended minimum .................................. 1/2 H.P., 1750 R.P.M.
- Recommended speed: Revolutions per minute ........ 600
- Feet per minute ........................................ 2,000
- Mounting dimensions ........................................ 53 3/4 x 13 3/4 inches
- Over-all dimensions: Height 35 inches; width 24 3/4 inches; depth 14 3/4 inches.

The strong, rigid steel column and handy cast iron castings form a super strong frame. All parts of the frame are locked in perfect alignment...helps eliminate vibration and insure smoothness of operation. Shipping weight 104 pounds.

99 TM 2337—Craftsman 12-inch Band Saw without motor. $66.50


Rip Fence for above Band Saw

Here's a very handy band saw accessory for use when making straight cuts on thin pieces of lumber. The best results can be obtained if you use it with a 1 3/4-inch blade. 1 3/4-inch blades have little tendency to be deflected by heavy grain in wood. Equipped with locks at front and rear for better alignment. Comes complete with all the necessary fittings. (Illustrated at left.) Shipping weight 5 pounds.

9 T 2243—Rip Fence for 99 TM 2337 Band Saw above............. $4.40

ROSE TOOLS, INC.
Helpful Books...

The Wood Lathe
A CRAFTSMAN power tool handbook that explains the construction and operation of the wood lathe. Enables even the novice to do excellent work. Contains over 100 actual photographs and step-by-step illustrations. Tells how to turn spindles, how to do elementary metal turning, how to do grinding, sanding, finishing and many other operations. Easy to read and understand. Paper bound. 32 pages. Postpaid.
9 7 929 - Shpp. wt. 2 oz. $2.95

The Drill Press
9 7 929 - Shpp. wt. 2 oz. $2.95

Metal Lathe Manual
C A complete, up-to-date manual of metal lathe operations and machinists' tables. The easy-to-follow directions give you a sound, practical explanation of the construction of the metal lathe. An ideal book for students, apprentices, machinists and experienced lathe operators. Replete with actual photographs and pen and ink drawings. Index tabs separate each section. Paper bound; spiral bound. 134 pages. Postpaid.
9 7 929-5 - Shpp. wt. 1 lb. $1.35

Bench Saw and Jointer
D Useful CRAFTSMAN instruction and information manual that describes the construction and over 100 operations of the circular saw and jointer. Numerous actual photographs and step-by-step illustrations tell you exactly what to do and how to do standard and special sawing operations, and how to sharpen saws and jointer knives. Will help make your bench saw and jointer more useful. Paper bound. 32 pages. Postpaid.
9 7 923 - Shpp. wt. 2 oz. $2.95

Concrete Handbook
E Beautiful your garden make your own tennis court, construct your own sewage system...even lay the foundation for your garage or your home. This book tells you everything you need to know to make use of concrete. Do this fascinating work yourself or for others. You'll be able to save or make money. Book contains instructions with pictures. Cloth bound. 96 pages. Postpaid. Shpp. wt. 1 lb.
9 7 2645 - Shpp. wt. 1 lb. $1.50

Build a Boat for Pleasure or Profit
F It's easy to build your own boat when you use this complete boat building handbook. It gives you detailed instructions, pictures and diagrams on how to build 17 low-cost boats at home. The 17 types include rowboats, canoes, sailboats, iceboats, plywood outboard, inboard runabout, cabin cruiser and many other interesting projects. Prepared for home builders with limited tools and money. Cloth bound. 192 pages. Postpaid. Shpp. wt. 1 lb.
9 7 2642 - Shpp. wt. 1 lb. $1.50

Painting and Furni- ture Refinishing
F Everyone likes to paint. Learn how to do it the right way! Here's a collection of helpful articles for craftsmen, home owners, painters and handy men. Gives information on paints, varnish, stains, brushes, etc. With pictures and drawings, it shows you how to spray paint, to paint and stain furniture, refinishing floors, restore antique furniture, etc. 96 pages. Cloth bound. Postpaid. Shpp. wt. 1 lb.
9 7 2642 - Shpp. wt. 1 lb. $1.50

Garden Book
G Would you like to landscape your back yard or re-need your lawn? You can if you use this helpful, instructive garden book. It shows and tells you the best ways to grow grass, flowers and vegetables and how to landscape your yard. Also tells you how to make outdoor furniture, fences, trellises, fireplaces, etc. Cloth bound. 96 pages. Postpaid. Shpp. wt. 1 lb.
9 7 2644 - Shpp. wt. 1 lb. $1.00

Gardening Tips
H The way to have a great garden is to know all the tips that will help you. Here is a collection of all the helpful information. Cloth bound. 96 pages. Postpaid. Shpp. wt. 1 lb.
9 7 2645 - Shpp. wt. 1 lb. $1.00

Photo Guide
F This guide to better photography illustrates and describes in simple language how you can, at low cost, make your own equipment such as enlarger, tripod, photo trimmer and numerous other time-saving gadgets. Also contains articles by top-notch photographers from all over the country on better pictures with your camera. Cloth bound. 184 pages. Postpaid. Shpp. wt. 1 lb.
9 7 2648 - Shpp. wt. 1 lb. $1.50

Welding, Brazing and Soldering
I Welding isn't difficult when you use this informative book! By doing your own welding and soldering, you'll be able to save money and time. This book tells you how to construct welding equipment and how to use it. Gives instructions on small arc welders, arc torches, oxy-acetylene welders spot welders, and soldering irons. 96 pages. Cloth bound. Postpaid. Shpp. wt. 1 lb.
9 7 2645 - Shpp. wt. 1 lb. $1.25

Your Car
J This important book has something of value for every auto driver, car owner, mechanic and service man. It describes hundreds of simple auto repairs, shortcuts, ways to save time and money on car and garage. By taking advantage of the information in this book, you'll be able to save $100 a year on your car. Cloth bound. 184 pages. Postpaid. Shpp. wt. 1 lb.
9 7 2647 - Shpp. wt. 1 lb. $1.50

The Young Craftsman
K Here's that book for "boys" from 10 to 90. It will entertain as it trains mind and hands. .. help to stimulate imagination and bring out creativity, etc. Shows how to make 456 things with simple hand tools and inexpensive or waste materials. No skill needed...just spare time and desire to learn. Over 1100 pictures. Cloth bound. 208 pages. Postpaid. Shpp. wt. 1 lb.
9 7 2649 - Shpp. wt. 1 lb. $1.00

Power Tool...
Woodworkers! Pattern makers! Printers! Engravers! Sign makers! Here's an extra large capacity jig saw... cuts to center of a 45-inch circle on materials up to 2 inches thick... that will be a valuable asset in your plant or shop. Besides sawing wood, this CRAFTSMAN "100" jig saw, with the sensational "Walking Beam" drive action, is ideal for sawing metals, plastic, fiberboard and other materials. Especially designed for making intricate cuts and for doing fine pattern work. Read the full explanation (at the right) of the "Walking Beam" drive action. You'll want a CRAFTSMAN 24-inch Jig saw in your shop today.

Extra large size table. Notice the 10x16-inch adjustable table. Plenty of working surface there. And it can be tilted 45 degrees either to the right or left or it can be tilted to the front or rear. To make this jig saw more adaptable to the delicate inside or outside scrollwork or fretwork, the blade and chuck swivel a full 90 degrees.

Lifetime lubrication. No need to worry about burned out bearings...no spoiled work due to oil spots...this jig saw is permanently lubricated. Special impregnated bearings supply all the lubrication necessary for the life of the saw. Entering cuts at sharp angles are possible because the new blade support guides the blade above and below the work...close to the working surface...reduces blade breakage; too. Narrow, almost tissue paper thin cuts are possible on this jig saw because of the smooth, exclusive "Walking Beam" drive action. The hold down foot prevents lifting work off the table on the upward stroke of the blade.

Built-in blower. A blower, located in the head, delivers a constant air blast through the upper chuck. Keeps your work free of sawdust. Ideal when following a pattern. Lamp, built in the head, lights up the working area. In actual operation, this CRAFTSMAN jig saw is practically vibrationless and noiseless. Vibration reduced by the use of "Walking Beam" drive action which eliminates the usual jerky return spring and crankshaft.

Check the following specifications. It's just the saw you need for your production work.

**SPECIFICATIONS:**
- Depth of throat: 24 inches
- Table size: 10x16 inches
- Table swivels 90 degrees, tilts up to 45 degrees
- Motor recommended, min.: 3/4 H.P. 1750 R.P.M.
- Machine pulley (included): 114-inch "V" type
- Motor pulley (not included): 2-inch and 4-inch
- Speed: 530 and 1070 R.P.M.
- Work lamp (with cord and plug): 7/4 watt; built into the head; convenient switch
- Sawdust blower: Built into head
- Mounting dimensions: 938x1015 inches
- Over-all dimensions: Height: 27 inches; length: 31 inches; width: 165 inches
- The motor (not included) can be mounted above, below or behind the machine pulley. Pulley drive is at the rear on the side of the base; away from the working area for safety of operation. One 6-inch plain end blade included. Shpg. wt. 124 lbs.

**"Walking Beam" Action**

"Walking Beam" type of drive action is an "H" shaped stamped channel section. An exclusive feature of this new CRAFTSMAN "100" Jig Saw. This drive action operates through double bearing guides above and below blade. Eliminates the need for return spring (power delivered in both up and down stroke). Maintains uniform tension of blade on both up and down stroke to give blade longer life, even when using fine fret or jewelers' blades. This new design greatly minimizes blade breakage and vibration. It also eliminates any need for crankcase. And you'll find it practically noiseless in operation.
**Craftsman "80" Jig Saw**

18-inch work capacity

- Cuts to center of 36 inch circle
- Handles material up to 2 inches thick

This Craftsman 18-inch Jig Saw is especially designed for your professional or hobby use. The 12x12 inch table provides a large working surface. The smooth ground, cast iron table can be tilted up to 45 degrees... locked in angle position desired.

**Modified Scotch yoke action** runs in a bath of oil. This gives the saw a well balanced, smooth cutting action. The new, strong blade chuck rotates 90 degrees; enables you to rip pieces longer than 18 inches. No twisting of blade... the shoe in chuck gives a firm grip between the blade and the clamping member.

Fully enclosed coil spring keeps the blade tight for smoother operation. Equipped with adjustable hold down and blade guides. Built-in air pump clears sawdust from working area. Utilizes bronze main bearings.

**SPECIFICATIONS:**
- Depth of throat: 18 inches
- Depth of cut, maximum: 2 inches
- Table size: 12x12 inches
- Machine pulley (included): 4-inch single groove
- Motor pulley (not included): 2 inches
- Motor recommended, minimum 1½ H.P.: 1750 R.P.M.
- Speed: 860 R.P.M.
- Sawdust blower: Built into head
- Mounting dimensions: 5¾ x 2½ x 5½ inches
- Overall dimensions: Height 17½ inches; length 29 inches; width 12 inches.

Strong cast iron frame has three point mounting of base which eliminates cross strain. Upper arm is removable for saber sawing and filing. Uses five-inch plain end blade (one included). Shpg. wt.: 72 lbs.

99 T 235—18-inch jig saw without motor: $31.50
99 T 236—18-inch jig saw with 1½ H.P.: 1750 R.P.M. split phase ball bearing 110-120 volt, 60 cycle A.C. motor. Shipping weight 102 pounds: $50.00

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**Craftsman "40" Jig Saw**

Magnetic Jig Saw

1600

- Cuts to center of 24-inch circle
- Handles work up to 1 inch thick

A smooth operating small jig saw, just the saw for use in your hobby shop or home workshop. With this Craftsman 12-inch Jig Saw you have a full 9½-inch smooth ground cast iron table... can be tilted to any angle up to 45 degrees... can be locked in angle position.

Balanced modified Scotch yoke action runs in a bath of oil. The fully enclosed coil type spring eliminates blade whip. Uses 3-inch plain type blade (one included). Adjustable blade guides and hold down.

**SPECIFICATIONS:**
- Depth of throat: 12 inches
- Depth of cut, maximum: 1 inch
- Table size: 9¾ x 9¾ inches
- Machine pulley (included): 4-inch single groove
- Motor pulley (not included): 1 inch
- Motor recommended, minimum 1½ H.P.: 1750 R.P.M.
- Speed: 860 R.P.M.
- Mounting dimensions: 16½ x 4¾ inches
- Overall dimensions: Height 17½ inches; length 17 inches; width 9 inches. Shpg. wt.: 32 lbs.

99 T 02179—12-inch jig saw without motor: $16.00
99 T 02181—12-inch jig saw with 1½ H.P.: 1750 R.P.M. split phase ball bearing 110-120 volt, 60 cycle A.C. motor. Shipping weight 56 pounds: $32.50

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ROSE TOOLS, INC.
Circular Saws... precision heat treated

Crosstcut and Rip Saws


DUNLAP. (Not illustrated.) Made of fine quality tough high carbon steel, hardened and tempered. Hand hammered to correct tension. Hand set and filed.

State center hole size and diameter wanted.

CRAFTSMAN 9 T 4925 9 T 4926

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DUNLAP 9 T 4911 9 T 4912

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Flat-ground Combination Saws

A combination saw is the handsaw of all circular saws. Practically three saws in one. Can be used equally well for crosstcutting, ripping or mitering in hard or soft wood.

B. DUNLAP. Good general purpose saw. Tough, high carbon steel, hardened and tempered. Hand hammered for proper tension. Teeth hand set and filed.

C. CRAFTSMAN. Our finest saw of this type. Special "Super-Tuff" steel accurately heat treated and hardened... far superior to ordinary high carbon steel. Hand hammered for proper tension. Expertly hand set and filed.

State center hole size and diameter wanted.

DUNLAP 9 T 4935 9 T 4937

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Hollow-ground Saws

D. CRAFTSMAN Combination type. Taper grinding makes this the best saw for all-around work. Runs with less set. Makes the smoothest cut of any circular saw... smooth enough to glue without sanding. Specially filed for ripping, crosstcutting or mitering. Special "Super-Tuff" steel, heat treated for toughness...far superior to ordinary high carbon steel... stays sharp much longer. 3-gauge taper grinding provides ample clearance for free, easy cutting. Hand hammered for proper tension.

State center hole size and diameter of saw wanted.

DUNLAP 9 T 4939—State center hole size and diameter of saw wanted.

CRAFTSMAN 6-in. Dado Set


CRAFTSMAN 5/32-in. Dado Set

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CRAFTSMAN 6-in. Dado Set

Professional quality. Precision slotted, and perfectly checked. Tempered high carbon steel. Set includes two 5/32-inch thick outside dadoes, one 15/32-inch chipper, one 5/32-inch chipper. Shipping weight 3 pounds 8 ounces.

Separate Dado Saw Parts. Specify 5/32 or 1/4-inch hole.

Miter Gauge

CRAFTSMAN, A high quality, accurately scaled miter gauge for the man who wants to make his own saw table. Scaled from 30 to 90 degrees right and left. Long bar for mitre grooves in table tops aids in making accurate cuts. Fitted with adjustable stop rods for repetitive cuts. Attractive chromium-plated knobs. Rust-resistant castings plated finish on other parts. Shipping weight 4 pounds.

Flange-type Miter Gage

DUNLAP Bronze Bearing Mitergals, 2-inch double V. Pullye for flat belt, single or multiple V-belt drives. Steel shaft, stamped steel flanges. Set collar takes up end play. Oil plugs. Length: 14-in.

Saw Mandrels for making your own table saws, grinders, etc.

CRAFTSMAN Ball Bearing Mandrels, Strain-loaded cast iron housing. Improved, compact design. Oversee precision ball bearings are grease sealed for protection against dirt.


Saw Mandrels

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ROSE TOOLS, INC.
Jig Saw File Set

CRAFTSMAN. Handset 3-1/2" Jig saw files. Fit all standard makes of jigsaws. Help eliminate tedious hand filing on metal or wood patterns, dies, scrollwork, etc. Files get 1/4" inch long with 1/4" inch round shanks. Swiss pattern, size 000, sharp, deep cut teeth.

Jig saw file set includes: 3 pillar files, 3 three-square files, 1 square file, 1 round file, 1 round back file, 1 triangular file, 1 diamond file, 1 knife file and 1 round back file. Complete set in 12 in convenient wood box. Shipping weight 12 ounces.

9T 0678 .............................................. $6.95

Special Jig Saw Files

Expertly made from special steel, heat treated, tempered and hardened. The strong, sharp, deep cut teeth stay sharp and wear long. Using these files eliminates that tedious hand filing. Have 1/4" inch square shanks.

9T 2742—Half Round File
9T 2740—Pilot File
9T 2741—Square File
9T 2737—3-Square File
9T 2738—Round File
9T 2739—Crochet File
9T 2743—Each file ................................... $5.99

Rubber-bonded Cut-off Wheels

Cuts metal bars, tubing, pipe, plastic, glass, fiber, etc.—fast! Aluminum oxide abrasive. Maximum RPM, 6,000. Use on polishing heads, grinders, bench or electric hand saws. Use with coolant. Bim. diam., 1/4" in. thick. For 1/4" or 1/2" in. shaft. Shaft diameter: 1/2" in. each. Each file .............................................. $1.19

New Resinoid-bonded Cut-off Wheels. Super-fast cutting of stone, brick, concrete, tile, porcelain, etc., as well as metals. Use on polishing heads, grinders, bench or electric hand saws. Use with coolant. Bim. diam., 1/4" in. thick. For 1/4" or 1/2" in. shaft. Shipping weight 10 lbs. each .............................................. $1.45

9T 6448—For steel sheets or tubing, etc. (aluminum oxide) .............................................. Each $1.29

9T 6449—For tile, porcelain, etc. (silicon carbide) .............................................. Each $1.59

9T 6455—For cast iron, brick, concrete (silicon carbide) .............................................. Each $1.59

New Baytex Abrasive Wheels

Extra safe! Here is the safest all purpose grinding wheel made! It is a cotton felt, aluminum oxide impregnated and resinoid bonded. Will cut wood or metal on either side. Cuts fast and wears long. Use it to replace back saw, file, sharpening wheel or countersaw. Use on hand grinder, bench or any other. Have 1 in. hole. Bushings furnished for smaller shafts. Each 7/8" diameter. All hole sizes. Shipping weight 1/2 lb. each 7/8" diameter $1.45

Comparative Grit Chart for Abrasive Papers

Grit

Extra fine... $1.50
Fine... $1.25
Medium... $1.00
Coarse... $0.75

Extra fine... 7/20
Fine... 4/20
Medium... 2/20
Coarse... 1/20

Extra fine... 1/32
Fine... 1/16
Medium... 1/8
Coarse... 1/4

Garnet Paper

9T 6799—State grit size specimen package .............................................. $0.75

Assorted Grit Sandpaper

9T 6797—Pack of 20 sheets, size 3" x 5", 4/0, 1/0, 100, 150, 220, 320, 400, 600, 800, 1500, 4000, 6000, 8000, 10,000, 15,000, 20,000, 40,000, 60,000, 80,000, 100,000, 150,000

Emery Cloth

9T 6798—Three 9 x 11-in. sheets, 2/0, 1/0, 1 grit. State grit size specimen package. Shipping weight 0.75 lbs. Each 9T 6789—Three 9 x 11-in. sheets, 2/0, 1/0, 1 grit. State grit size specimen package. Shipping weight 0.75 lbs.

Aluminum Oxide Cloth


Rose Tools, Inc.
CRAFTSMAN Jointer-Planers...accurate and safe

CRAFTSMAN "80" bronze bearing type

The ideal jointer-planer for small woodworking shops, school shops and home workshops. The three high speed tool steel knives in the 4½-inch cutter head are securely locked in. Retain sharp, easy-cutting qualities.

Front and rear table are precision ground cast iron and operate on accurately machined ways to insure perfect alignment. 19¼-inch fence tilts 45 degrees either way...locks in position. Rugged one-piece cast iron base, with three-point mounting, eliminates twist or strain, gives rigid support.

Quick-acting guard gives positive protection...readily removable for making rabbeting cuts. Accurate gauge indicates depth of cut and angle of tilt with rip fence. Two oilite bronze bearings...easily filled oil reservoirs.

SPECIFICATIONS:

- Width of cut...
- Depth of cut...
- Rabbet depth...
- Bearings...
- Cutter knives...
- Length of front table...
- Length of rear table...
- Length of fence...
- Spindle diameter...
- Recommended speed...
- Motor recommended, minimum...
- Machine pulley (included)...2 inch single "V" groove
- Motor pulley (not included)...5 inch single "V" groove
- Mounting dimensions...
- Overall dimensions: Height 8 inches; width 9½ inches; length 29½ inches

99 TM 2339—CRAFTSMAN Jointer with 3½ H.P. 3450 R.P.M. ball bearing split phase motor for 110-120-volt 60 cycle A.C. Shipping weight 165 lbs...

72.00

4½-inch Jointer Replacement Knives. High speed tool steel blades that are ground to a keen edge. Finest quality. Set of three for above jointers or for CRAFTSMAN Jointer-Planers numbers 2287 and 2290.

9 T 2290—Shipping weight 7 ounces...

Set $3.25

CRAFTSMAN "100" ball bearing type

This heavy duty jointer-planer gives you greater accuracy, smoothness of operation and safety than ordinary jointers. The 6-inch solid steel cutterhead, with the 3 high speed tool steel knives, cuts cleanly and accurately.

Sturdy construction. Extra long precision ground cast iron table. Three-point suspension mounting of rear table aligns it perfectly with front table. Front table mounted on double set of widely spaced ways. One-piece base is rugged cast iron for rigid support. Three-point-of-contact mounting eliminates twist.

Quick-acting spring-loaded guard gives complete protection. It never needs to be removed while machine is running. Guard can be released in one motion for rabbeting cuts. Belt and pulley fully enclosed by guard for safety. 31½-inch fence tilts up to 45° in either direction...locks in place.

SPECIFICATIONS:

- Width of cut...
- Depth of cut...
- Rabbet depth...
- Bearings...
- Cutter knives...
- Length of front table...
- Length of rear table...
- Length of fence...
- Spindle diameter...
- Recommended speed...
- Motor recommended, minimum...
- Machine pulley (included)...2 inch single "V" groove
- Motor pulley (not included)...2½ inch single "V" groove
- Mounting dimensions...
- Over-all dimensions: Height 11½ inches; width 20 inches; length 42½ inches

99 TM 2339—CRAFTSMAN Jointer with 3½ H.P. 3450 R.P.M. ball bearing capacitor motor for 110-120-volt 60 cycle A.C. Shipping weight 187 lbs...

155.00

6½-inch Jointer Replacement Knives. Made of high speed tool steel; extra ground. Set of three for above jointer and for thickness planer No. 2370. 9 T 2290—Shipping weight 9 ounces...

$3.95

ROSE TOOLS, INC.
CRAFTSMAN Hand Feed Thickness Planer

NOW! The CRAFTSMAN "100" thickness planer—those planers thousands of craftsmen have wanted to own. It’s designed and priced low at Sears. With this thickness planer you can salvage old material...finish rough-sawn lumber...replace marred or painted wood...make flat stock out of warped boards, etc.

Large capacity. With this planer you’ll be able to plane material up to 6 inches wide and 2 inches thick...as small as 4 inches long and ½ inch thick. The new open side design allows you to plane 12 inch boards. Depth of cut is adjusted by convenient handwheel. Accurate scale shows depth of cut.

Accurate operation. Safety type solid steel cutter head is fitted with 3 precision ground steel knives. Ideal on small jobs where accuracy is uppermost. Holds cut to within a few thousandths of an inch.

Rugged long-life construction. Heavily ribbed cast iron table and frame. Ways milled into one casting for greater accuracy. Simple and efficient hand feed construction. Chip breaker and pressure bar completely guard cutting head; hold lumber firmly on the table. Both are easily removed if necessary.

SPECIFICATIONS:
- Depth of cut, maximum: ⅝ inch
- Width of cut, maximum: 6 inches
- Table size: 61¼ x 19¾ inches
- Size of cutter head: 3½ inches diameter
- Knives: three, size 61½ x 3½ x 3½ inches
- Bearings: 2 sets precision ball
- Machine pulley (included): 2 inch "V" groove
- Motor pulley (not included): 2½ inch "V" groove
- Motor recommended, minimum: 5½ H.P. 3450 R.P.M.
- Mounting dimensions: 8 x 10 inches
- Over-all dimensions: Height 16 inch.; width 51 inch.; length 19½ inches.

99 FM 2307—Without motor. Shipping weight 83 pounds...$54.50
99 FM 2271—With 5½ H.P. 3450 R.P.M. ball bearing capacitor motor for 110-120 volt 60 cycle A.C. Shipping wt. 119 lbs. ...$84.50
9 T 229—Set of 3 extra knives for above planer. Shipping wt. 9 oz. ...$3.95

CRAFTSMAN Power Feed Thickness Planer

The new CRAFTSMAN "100" heavy-duty thickness planer is THE planer you need for your work. It's rugged and sturdy to withstand big daily production work yet sensitive and accurate to do exceptionally fine planing. Extremely accurate cutting...holds cut to within a few thousandths of an inch...produced by balanced, extra large diameter cutter with 3 knives, and fast smooth power feed.

Extra large capacity. Now you can plane lumber up to 12 inches wide and 4 inches thick...pieces as short as 6 inches and as thin as ⅛ inch. The maximum depth of single cut ⅝ inch depending on kind of wood. Equipped with accurate depth of cut scale.

Solid, massive construction. Heavily ribbed table is fitted to massive one-piece cast iron frame by precision machined ways. Smooth ground table quickly and easily raised and lowered by convenient handwheel to adjust depth of cut.

Safety type cutter head, 3½ inches in diameter, is machined from solid bar steel and fitted with 3 high speed knives. Chip breaker and pressure bar protect cutter head and feed rolls; hold lumber firmly to the bed to prevent chips from tearing the surface. Feed rolls; machined from solid steel, grip lumber firmly and feed at the rate of 17 linear feet per minute.

SPECIFICATIONS:
- Depth of cut, maximum: ⅝ inch
- Width of cut, maximum: 12 inches
- Table size: 12 x 20 inches
- Size of cutter head: 3½ inches
- Knives: three, size 12½ x 3½ x 3½ inches
- Bearings: 2 sets precision ball
- Motor pulley (not included): 17 linear feet per minute
- Power feed rate: 2½ inch groove
- Machine pulley (included): 3 inches
- Motor pulley (not included): 17 linear feet per minute
- Motor recommended, minimum: 5½ H.P. 3450 R.P.M.
- Recommended cutter head speed: 4200 R.P.M.
- Mounting dimensions: 8 x 10 inches
- Over-all dimensions: height 16 inch.; width 51 inch.; length 19½ inches.

99 FM 2316—Without motor. Shipping weight 100 pounds...$235.00
In the view at the left, you see the spiral-cut steel gears used in Craftsman Portable Belt Sander. The exclusive triple-drum construction makes possible a direct gear reduction from the motor to the drive shaft. No right-angle drive requiring a complicated arrangement of worm gears is needed.

In the drawing at the left, how the three-drum construction makes possible more efficient construction, modern streamlined design. The sturdy motor is mounted in the center inside the housing for greater efficiency, better balance and easier handling. Permit use of a longer belt which gives you greater belt life.

CRAFTSMAN PORTABLE BELT SANDER

Exclusive 3-drum construction . . . Heavy duty G. E. Universal Motor

Do your sanding the modern electric sander way! Save time...take this Craftsman Portable Belt Sander to the job. You’ll be amazed...it’s so light weight and easy to handle. The frame and housing are made of strong die cast aluminum...motor is mounted in the center...completely protected. Here is the ideal sander for craftsmen, boat builders, cabinet makers, pattern makers, etc.

3-drum design. The great development in sander construction that is far superior to conventional 2-drum construction. It permits direct spiral gear reduction to drive shaft. No right angle drives or complex worm or bevel gearing. It also makes possible the modern streamline design...gives minimum clearance on one side and front for getting into tight places as well as close to walls and corners.

Superior sanding surface. The 20½ x 3 inch sanding belt is longer and wider than belts used in conventional 2 drum Sanders of the same general size.

This sander produces a new, clean, smooth surface swiftly. And it means less wear and longer belt life with fewer belt changes. Metal shoe, on bottom of sander, keeps belt in even contact with work.

Smooth, easy operation. The convenient quick-change belt release lever is located on outside of housing. Just flip it and belt is loose...ready to be removed. All you do is replace belt, flip lever again and you’re set to go back to work. All three drums are equipped with dust-protected, self-lubricating bronze bearings...extra large oil reserves. Built-in fan air cools the motor.

SPECIFICATIONS:
- Belt size: width 3 inches length 26¾ inches
- Bearings: motor precision ball drums self lubricating bronze
- Free speed of belt 1200 ft. per minute
- Gears: spiral cut steel
- Belt release quick change, cam operated
- Motor G. E. universal, 110-120 volt AC-DC
- Switch safety trigger type; non-locking
- Over-all dimensions: Height 8 inches; length 11¾ inches; width 5 inches

Powerful G. E. universal ball-bearing motor has heat and abrasion-resistant Formex insulation that guards against motor "burnout." This sander is safe too. Will not run unless operator holds trigger switch in "off" position. Comes complete with 10 feet of 1-wire cord, plug, 3 assorted belts and heavy duty all-steel carrying case.

99 T 2230 - Shipping weight 16 lbs. $53.95

Replacement Belting Belts. Made of silicon carbide abrasive on cloth, 3 x 26¾ inches. Your choice of grit sizes: 00 (extra fine), 0, 1, 2 (medium). Please state grit size wanted.

91 T 2231 - Sligo wt. per belt 4 oz. $2.00

See inside back cover for Sears Easy Terms
CRAFTSMAN Disc Sander, Buffer, Polisher

Will actually do the job 10 times faster than by hand.

Sturdy construction. Frame is made of strong die-cast aluminum alloy, makes this disc sander light and easy to operate yet withstands many long hours of steady use. Equipped with a heavy duty 110-120-volt General Electric Universal A.C.-D.C. motor with Formex insulation and assuring long motor life. The motor, mounted directly over disc, provides maximum power and perfect balance.

SPECIFICATIONS:
- Disc size, diameter: 6 inches
- Over-all height, with disc: 7 inches
- Bearings: Precision ball
- Gear: Helical spur
- Free speed of disc: 1600 R.P.M.
- Switch: Trigger type; Non-locking
- Motor: G.E. Universal 110-120 volt, 25-60 cycle, A.C.-D.C.
- Length of cord: 10 feet

Handy knob and switch. Convenient, easy to control trigger switch is located on hand-fitting handle. Switch is non-locking. Large plastic knob for two hand control can be mounted on either side.

Accessories included. Comes complete with 10-ft. 3-wire rubber covered cord and plug, 6-inch flexible rubber sanding disc, 7-inch lamb's wool buffing bonnet, 6 assorted sanding discs, socket wrench for attaching disc and steel case to hold sander and accessories. Sander may be used on wood, metal, plastic, concrete, stone, wallboard etc. either flat or curved surfaces. Shipping weight: 15 pounds.

99 T 02561—CRAFTSMAN Disc Sander

Sandering discs for above sander. Made of silicon carbide abrasive. Choice of four grits; 00 (extra fine), 0 (fine), 1 (medium) or 2 (coarse). Package of 6 of any one grit. Diameter of discs 6 inches.

9 T 2562—Grill grit warranted. Shelf. wt. 7 oz. . . . 39¢

ROSE TOOLS, INC.
"100" Belt and Disc Sander

6 by 48-inch Belt Sander and 9-inch Disc Sander combined

- Belt Sander adjustable to horizontal, vertical or any intermediate angle 0 to 90 degrees
- Quick-change device releases belt tension for rapid belt changes
- Oilite bronze bearings filter oil and keep out dust and dirt... oil well completely around each bearing

Quick-change belt release. Rapid change from belt of one grit to another is possible. Lever releases belt tension. Rubber-covered belt rollers can be used as drum sanders.

Rugged, long-life construction. Equipped with large self-lubricating bronze bearings. Extra long bronze bearings on main arbor ensure long life and smooth operation. Table and frame made of durable cast iron, gray enamel finish.

SPECIFICATIONS:
- Width of belt: 6 inches
- Length of belt: 48 3/4 inches
- Sanding Belt Table: 6 3/4 x 17 1/4
- Sanding disc table: 6 3/4 x 12
- Diameter of disc sander: 9 inches
- Bearings: 4 oilite bronze
- Drum diameter: 3 inches
- Machine pulley (included): 3 inch
- Motor pulley (not included): 2 3/4 inch
- Motor recommended, min. 1/2 H.P. 1750 R.P.M.
- Mounting dimensions: Height 11 1/4 inches; width 20 1/4 inches; length 28 1/2 inches.

Comes complete with miter gauge, adjustable stop guard, 9-inch abrasive disc 6x48-inch sanding belt and 3-inch machine pulley.

CRAFTSMAN Belt and Disc Sander without motor, motor pulley or V belt:

9 Tm 2235—Shipping weight 65 pounds $43.50

CRAFTSMAN Belt and Disc Sander with 1/2 H.P. 1750 R.P.M. split phase ball bearing 110-120 volt A.C. motor: Without motor pulley or V belt:

9 Tm 2233—Shipping weight 100 pounds $71.00

Replacement Sanding Belt for Above Sander: Aluminum oxide abrasive on durable cloth backing. Made in one continuous piece 48 inches long and 6 inches wide. For use on wood or metal. Your choice of fine, medium or coarse grit. State grit wanted.

9 Tm 2167—Shipping weight 8 oz $1.10

Replacement Sanding Discs for Above Sander: Aluminum oxide on paper backing. 9 inches in diameter. For use on wood or metal. Come in package of six: two each of fine, medium and coarse grit.

9 Tm 2155—Shipping weight 8 oz $1.00

Buy on Sears Easy Terms... see inside back cover
$23.50
CASH
$2.50 DOW... ON EASY TERMS

CRAFTSMAN
Rotary Electric Tool

Hundreds of uses in every industrial or home workshop

Expert craftsmen, hobbyists—even novices will get a real thrill from using this CRAFTSMAN Rotary Electric Tool. You'll be able to turn out fine work quickly and easily. Excellent for toolroom and light production work. Use this tool for grinding, drilling, routing, carving, sawing, polishing, sanding, cutting and engraving on wood, metal, glass, leather, plastic, etc.

Lightweight and convenient. Weighs 1 1/2 pounds less cord. Pistol grip handle is readily removable. Finger rest over chuck. Balances in hand for comfortable use. Handy ripping guide and depth of cut gauge.


SPECIFICATIONS:
- Over-all length: 7 inches
- Extreme diameter: 2 inches
- Barrel diameter: 1 1/4 inches
- Bearings: 1 bronze and 1 ball bearing
- Chuck capacity: 3/4 and 1 1/2 inches
- Speed: 18,000 R.P.M.
- Insulation: Tested at 1000 volts

- Motor: Universal, 110-120 volt 25-60 cycle, A.C. or D.C.
- Brushes: Large size, replaceable from outside
- Switch: Special design; positive break

The leader for completeness. Comes complete with 35 accessories: each one of the accessories shown below plus extra mandrels, sanding sleeves and abrasive discs, two chuck wrenches, collet chuck, socket wrench, emery wheel dresser, set of replacement brushes, 1 1/4 foot rubber covered cord and plug. With sturdy hard, simulated leather covered work box.

NOTE: The shipping weight for each of the above accessories for the CRAFTSMAN Rotary Electric Tool is 2 ounces

Accessories for CRAFTSMAN Rotary Electric Tool

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>Cone cutter, Diameter 7/8 inch</td>
<td>35c</td>
</tr>
<tr>
<td>E</td>
<td>Oval cutter, Diameter 7/8 inch</td>
<td>35c</td>
</tr>
<tr>
<td>F</td>
<td>Flat cutter, Diameter 7/16 inch</td>
<td>35c</td>
</tr>
<tr>
<td>G</td>
<td>Pointed cutter, Diameter 7/16 inch</td>
<td>35c</td>
</tr>
<tr>
<td>H</td>
<td>Saw and Mandrel, Diameter 3/8 inch</td>
<td>35c</td>
</tr>
<tr>
<td>I</td>
<td>Saw blade without mandrel, Diameter 3/8 inch</td>
<td>35c</td>
</tr>
<tr>
<td>J</td>
<td>High Speed Steel Drills</td>
<td>35c</td>
</tr>
<tr>
<td>K</td>
<td>For use on wood, metal, plastic, etc.</td>
<td>35c</td>
</tr>
<tr>
<td>L</td>
<td>High speed drill, Diameter 3/4 inch</td>
<td>35c</td>
</tr>
<tr>
<td>M</td>
<td>High speed drill, Diameter 7/8 inch</td>
<td>35c</td>
</tr>
<tr>
<td>N</td>
<td>High speed drill, Diameter 1 inch</td>
<td>35c</td>
</tr>
<tr>
<td>O</td>
<td>Mounted parts polishing brush, 3/4 inch diameter</td>
<td>35c</td>
</tr>
<tr>
<td>P</td>
<td>Brushes. Ideal for reaching hard-to-get-at places, polishing, cleaning out cavi-</td>
<td>35c</td>
</tr>
<tr>
<td>Q</td>
<td>teats, and many other jobs. Expertly designed</td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>and made</td>
<td></td>
</tr>
</tbody>
</table>

Mounted Emery Wheels. Ideal for shaping or for giving a fine, smooth finish to metal. Choice of sizes and shapes as shown for wide variety of jobs.

- T 2677—1-inch diameter; 1/4-inch... 35c
- T 2678—1-inch diameter; 1/4-inch... 35c
- T 2679—1-inch diameter; 1/4-inch... 35c
- T 2680—1/4 inch diameter; 1/4-inch... 35c
- T 2681—1 inch diameter; 1/4-inch... 35c

Polishing Wheels: Abrasive Drums, Discs.

- T 2977—Set of three felt buffers, 1-inch diameter... 35c
- T 2978—Set of three knurled polishing wheels, 3/4-inch diameter... 35c
- T 2979—Set of three knee-edge rubber taper wheels, 3/4-inch diameter... 35c
- T 2980—Mounted sanding drum assembly with sanding sleeve, 3/4-inch diameter; 1/4-inch width... 35c

NOTE: Shipping weight of above CRAFTSMAN Rotary Tool accessories is 2 oz. each.
A superb new heavy duty design ... Only $5 down on Easy Terms

9-inch swing ... 30 inches between centers ... 46%4-inch bed. By far our finest wood-turning lathe. A big production type lathe—with extra heavy duty construction throughout. A perfect tool for the master craftsman. Because of its excellence in every detail, we are sure to gain an important place in professional woodworking and pattern shops all over America.

Extra heavy cast semi-steel construction reduces vibration. Even under heavy cuts or high speeds this lathe operates with exceptional smoothness and accuracy. Bed is sturdy, rigid and well braced. Three-point mounting helps eliminate twist and strain. All parts are accurately machined.

Two olite self-lubricating bronze bearings and one ball thrust bearing in headstock. Provide almost limitless service. Oil well around each bearing. Protected against grit and dirt. Oil actually filters through bronze. Assures longer life—greater accuracy in operation. Ball thrust bearing absorbs end thrust.

No. 1 Morse taper centers in both headstock and tailstock. Easy to use with work arbor, drill chuck, etc. Removable cover on outboard end of 34-inch headstock spindle permits outboard turning of larger diameter work without reversing motor. Has indexing pin for use in fluting. May be driven from rear or below.

With tool rest, spur and cup centers, wrench (same wrench is used for both tool-rest slide and tailstock), 4-inch 4-step motor pulley. (V-belt not included.) Attractive rust-resisting gray enamel finish. Chromium plated hand wheels and headstock spindle cover.

SPECIFICATIONS:
- Spindle: 34-inch straight threaded
- No. 1 Morse female taper
- Spindle speeds: 4-speed: 875, 1350, 2250 and 3450 R.P.M.
- Tailstock taper: No. 1 Morse female
- Tailstock ram travel: 34 inches
- Machine pulley (supplied): 4-step
- Motor pulley recommended (not supplied): 4-step V type one
- Motor recommended (minimum): 34 H.P. 1750 R.P.M.
- Mounting dimensions (hole centers): 345/64 in.
- Over-all dimensions: Height 101/4 in.; width 85/64 in.; length 58 1/6 in.
- Weight: 2318 lbs. without motor. Shpg. wt. 81 lbs.
- Weight: 2372 lbs. with 34 H.P. split phase 1750 R.P.M. 110-120 volt 60-cycle A.C. ball bearing motor. Shpg. wt. 188 lbs.

CENTERS
For Centers to fit the CRAFTSMAN Lathe above see page 33

CHUCKS
For Chucks to fit the CRAFTSMAN Lathe above see page 33

ARBORS
For Arbors to fit the CRAFTSMAN Lathe above see page 33

CRAFTSMAN Turning Chisels
In these fine chisels, you get genuine CRAFTSMAN quality at moderate prices. All have brightly polished 4-inch steel blades, carefully tempered to take and hold a keen edge for fast, clean cutting. Expertly ground. 8-inch handles of smoothly finished hardwood, securely fastened to blades. Heavy ferrule. Average over-all length 13 inches. Shipping weight each, 13 ounces.

(A) 97 2630—Gauge, 34-inch wide...$1.15
(B) 97 2631—Gauge, 3-inch wide...1.15
(C) 97 2632—Gauge, 34-inch wide...1.15
(D) 97 2634—Spear Point Chisel, 34-inch wide...25
(E) 97 2636—Round Nose Chisel, 34-inch wide...25
(F) 97 2638—Parting Tool, 34-inch wide...25
(G) 97 2662—Skew Chisel, 34-inch wide...25
(H) 97 2663—Skew Chisel, 1-inch wide...85
97 2633—Complete set of 8 chisels listed above, in sturdy wood box covered with attractive artificial leather. Shipping weight 8 pounds 10 ounces...$9.75

CRAFTSMAN heavy duty Chisels
The finest wood-turning chisels we have ever sold. Real professional quality. Forged "Super-Tuff" steel blades, about 6 in. long, heat treated to take and hold a super keen edge. Expertly ground. Blades are highly polished and beautifully finished. 16-inch maple handles have lustreous natural finish. Average length 101/4 inches. Shipping weight each, 1 pound 2 ounces.

(A) 97 2897—Gauge, 34-inch wide...$1.79
(B) 97 2898—Gauge, 3-inch wide...1.79
(C) 97 2899—Gauge, 34-inch wide...1.79
(D) 97 2900—Spear Point Chisel, 34-inch wide...1.19
(E) 97 2901—Round Nose Chisel, 34-inch wide...1.19
(F) 97 2902—Parting Tool, 34-inch wide...1.29
(G) 97 2903—Skew Chisel, 34-inch wide...1.19
(S) 97 2904—Skew Chisel, 1-inch wide...1.29
97 2905—Set of 8 professional chisels listed above, in heavy wood box covered with attractive artificial leather. Shipping weight 11 lbs....$13.25

Long Tool Rest
May be used on the CRAFTSMAN Lathe above 97 2318 above.

This extra long tool rest is 30 in. long. Especially useful when turning long pieces, such as table legs, lamp standards, etc. High quality cast semi-steel construction. Mounts rigidly on the lathe. Height easily adjustable.

97 2316—Shpg. wt. 10 lbs. $35

EASY TERMS
It's easy to buy the power tools, accessories you need in one order. Use Sears Easy Terms. See inside back cover.
CRAFTSMAN “40” Lathe . . new design, features

Only $3 down will put this fine Wood Turning Lathe in your shop

8-inch swing . . . 24 inches between centers . . . 36 3/4-inch bed. Famous CRAFTSMAN quality is built into every part of this rugged, well made lathe. Modern in every way . . . with many important post-war improvements in design and construction. We believe you will find it impossible to buy another lathe in this price range that matches this CRAFTSMAN Lathe for quality, features, performance and capacity. It’s a “must” in any well equipped work shop.

Heavy cast semi-steel construction for smooth, accurate operation. Entire bed is made in one piece, ribbed and reinforced to reduce vibration to a minimum. All parts are accurately machined. 1-point mounting helps eliminate twist and strain. Tailstock easily and quickly adjusted.

Two olive self-lubricating bronze bearings and one ball thrust bearing in headstock. Oil well surrounds each bearing. This close, tight seal keeps spindle journals accurate—protects them against dirt and grit. Oil actually filters through bronze. Assures longer life and greater accuracy in operation. Ball thrust bearing absorbs spindle thrust to give smooth, accurate operation.

6-inch straight unthreaded spindles in headstock and tailstock. Removable cover on end board end of spindle makes it easy to turn large diameter work without reversing the motor. May be driven from the rear or below. Comes complete with tool rest, spur and cup centers, wrench (for tool rest slide, tool rest, and tailstock lock) and 3-inch 3-step pulley. (V-belt not included.) Attractive rust-resistant gray enamel finish; handles and headstock spindle cover are cadmium plated.

SPECIFICATIONS:

- Spindle
- 1/4-inch straight unthreaded
- Spindle speeds
- Tailstock ram travel
- 1 1/2 inches
- Machine pulley included
- 3-inch 3-step V-type cone
- Motor pulley recommended (not included)
- 3-inch 3-step V-type cone
- Motor recommended (minimum)
- 35 H.P. 1750 R.P.M.
- Mounting dimensions (hole centers)
- 33 3/4 x 6 in.
- Overall dimensions
- Height 8 1/2 in.; width 7 in.; length 40 in.
- 99 T 02160—Without motor. Shipping weight 84 pounds.
- $30.00
- $48.00

CENGERS
For Centers to fit the CRAFTSMAN Wood Turning Lathe above—turn to page 33

CHUCKS
For Chuck to fit the CRAFTSMAN Wood Turning Lathe above—turn to page 33

ARBORS
For Arbors to fit the CRAFTSMAN Wood Turning Lathe above—turn to page 33

Face Plates
Make your lathe much more useful. High quality cast iron construction. Complete with vice. $195

Sandring Plates
Carefully machined and balanced. Metal plate fitted with sandpaper and abrasive. $260

Jack Shafts give your tools many more speeds

CRAFTSMAN Cone Pulley Jack Shaft
Used with matching cone pulley on machine. Provides broad speed variations on lathes, drill presses, jig saws, sanders, grinders, etc. Speed is varied in certain definite steps. It is most commonly used between the motor and tool being driven. With proper pulleys, the speed of the jack shaft itself may be varied from motor speed, thus raising or lowering the range of speeds which are available in the driven machine.

Has self-aligning, self-lubricating bronze bearings with oil reservoirs. Cast iron base. Shaft of durable cold rolled steel. Die-cast pulley. For use with 1/4-inch V-belts. Shipping weight each 7 pounds 8 ounces.

$550

DUNLAP Multi-speed Jack Shaft
This multi-speed jack shaft eliminates series of steps; allows gradual increase or decrease in R.P.M. of driven tool. Moving band knob moves shaft to and from motor and causes diameter of one pulley to increase and the other to decrease.

Permits an infinite number of speeds with 3-to-1 range between low and high speeds. Speeds of 1000 to 3000 R.P.M. are obtainable with 1750 R.P.M. motor without changing the belts, pulleys, or stopping motor. Equipped with self-aligning, self-lubricating bronze bearings. Has durable cast iron base, Die-cast pulleys. Durable cold rolled steel shaft. Shipping weight, 9 lbs.

$795

Note: 19 . . POWER TOOL
CRAFTSMAN Grinder

Revolves in both of water
Won’t draw temper from tools


9T 06500—CRAFTSMAN Grindstone. Shipping weight 32 lbs. $10.95
9T 6621—Replacement Stone only for above. Shipping weight 13 lbs. $3.50

C $529 CRAFTSMAN all-purpose Hand Grinder

Heavy duty. Full-width, perfect meshing spur gears; 11-to-1 ratio. Dust-proof, leak-proof gear case. Long, protected bearing surfaces. Spring cap oil cup. Tool rest adjusts horizontally and vertically, left or right hand. 6x1-inch vitrified aluminum oxide wheel.

9T 06626—CRAFTSMAN Hand Grinder. Shipping weight 11 pounds. $5.29

C $750 CRAFTSMAN 6-inch Grinder

Heavy duty! Ample clearance between wheel centers; plenty of high clearance for larger jobs. 9-1/2-inch spindle, 3-inch diameter, turned down to 3/4-inch at ends; 20-thread. Fits all standard grinding wheels and accessories. Extra long Ollite bronze bearings; oil well around each. Adjustable wheel guards and tool rest. Shielded 2-step V-drive pulley for 5/8 or 3/4-inch V-belt. Can be driven from below or behind. Spring cap oil cups. Gray enamel finish. Two 6x1-inch vitrified grinding wheels: one fine, one medium grit.

9T 6614—Grindstone. 19 lbs. $7.50

D $440 Low-priced Polishing Head

Good quality low priced! Well-balanced. Sturdy cast iron frame. Sharpens tools, grinds, polishes, drills, etc. when used with proper accessories. Head is 7-1/4 in. high; spindle is 7x1-inch; 20-thread. Stamped steel collar. Oil plugs. Can be driven from rear, above or below. Two-inch V-pulley supplied takes 5/8 or 3/4-inch V-belt (not included).

9T 6619—Polishing Head. Shipping weight 3 pounds. $4.40

C $225 CRAFTSMAN all-purpose Polishing Heads


9T 6627—Height 13 inches. Shpg. wt. 6 lbs. 4 oz. $2.25

D $440 Heavy duty head for bigger jobs. 9x12-inch steel spindle turned down to 5/8-inch at ends; 20-thread. Precision built 3-jaw screw-on type chuck; 5x1-inch capacity. Machined steel collar. Two-inch pulley for 5/8 or 3/4-inch V-belt. Height 19-1/4 inch.

9T 6647—Shpg. wt. 9 lbs. 4 oz. $4.40

CRAFTSMAN Air Hammer and Chisels

$29.95 CRAFTSMAN Air Hammer.

Exclusive! Another outstanding CRAFTSMAN tool development! Entirely new in design and principle. Features you’ll find in no other air hammer made—at any price! Here are just a few:

It’s built extra heavy duty for steady production work. Simple, compact. Drop forged steel body; piston of tough ball bearing steel. All working parts heat treated and hardened. It’s air lubricated. No delicate valves to tamper ... needs no oil for lubrication. Piston slides smoothly, evenly. Frankly, we believe it’s the finest and most trouble-free hammer on the market today.

$200 power-packed strokes per minute! Plenty of power for chiseling; scaling; metal forming and finishing; removing paint, carbon, rust, etc. Efficient 1-in.-lead trigger control. Special friction collar keeps tools from flying out of gun accidentally. Length 7 in. Uses 90-lb. 10 C.F.M. air supply.

9T 2500—Air Hammer only. Chromium plated. Shpg. wt. 3 lbs. 12 oz. $29.95

CRAFTSMAN Air Hammer Chisels for above. Heat treated alloy steel; hammer forged. Average length about 7 inches. Buy a complete set for your shop!

(J) 1/2 in. Chisels—1/16 inch Chisel. Shpg. wt. 12 oz. $1.25
(K) 1/4 in. Chisels—1/8 inch Chisel. Shpg. wt. 12 oz. $1.25
(J) 3/8 in. Chisels—3/16 inch Chisel. Shpg. wt. 12 oz. $1.25
(N) 1/2 in. Round Nose Chisels—1/8 inch Round Nose Chisel. Shpg. wt. 12 oz. $1.25
(N) 3/8 in. Round Nose Chisel—3/16 inch Round Nose Chisel. Shpg. wt. 12 oz. $1.25
(P) 1/2 in. Diamond Point Chisel—1/8 inch Diamond Point Chisel. Shpg. wt. 12 oz. $1.25
9T 2507—Set of one each of six chisels above. Shpg. wt. 4 lbs. 4 oz. $7.25

20. . . SEARS. ROEBUCK AND CO., Evanston, 11
Precision built Grinders for your shop

CRAFTSMAN 1/3-H.P. Grinder

A completely new post-war model!

An entirely new CRAFTSMAN ball bearing grinder... incorporating the latest and best in grinder design... made of finest materials by top flight tool builders! Excellent for heavy duty grinding and sharpening in garages, maintenance shops, tool rooms, workshops.

Note the rugged simplicity of design combining strength, utility and beauty. Heavy, rigid cast iron frame built for heavy duty service... made to take plenty of punishment! Rubber-mounted to absorb vibration. Finished in attractive CRAFTSMAN gray with contrasting chromium trim. Convenient removable built-in water pan of bright red plastic.

And there's power aplenty in this husky grinder! Ample overload capacity to meet unusual power demands without burning out motor. Precision built CRAFTSMAN 1/3-H.P. capacitor motor is condenser-start induction-run type... ideal for heavy duty service because it combines high starting torque with minimum current consumption while running. Dynamically balanced for smooth, vibration-free operation at 3450 R.P.M. Motor ventilation openings fully baffled for protection against dust, dirt, metal grindings and abrasive grit.

Operates on 110-120 volt, 60-cycle A.C. power. Toggle switch conveniently located at front of grinder. Two-foot rubber-covered power cord and unrebreakable plug.

Smooth-running precision ball bearings assure minimum friction and wear... conserve power... prolong grinder life. Bearings are sealed against dirt, dust and grit. Strengthened steel shaft is 5/8-inch diameter, turned down to 1/2-inch at each end.

Now you can see what you're doing! Thanks to two 7-watt work lamps—one built into each wheel guard! With your work lighted, you can do more accurate grinding and sharpening. Lamps rubber-mounted to absorb vibration, increase filament life. Easily replaced.

Here's why you're safer with a CRAFTSMAN grinder! Each grinding wheel is fully enclosed by heavy cast iron wheel guard. You're protected in case of wheel breakage. Each guard is equipped with rear dust chute that leads away grindings and abrasive particles. Dust bags may be easily attached. Each wheel is covered with shatterproof glass eye shield, mounted in adjustable chromium plated die cast frame. Useful glass area of eye shield is 3 1/2 x 3 1/2 inches; outer dimensions of frame 4 1/2 x 4 1/2 inches. Ground cast iron tool rests adjustable for wheel wear and proper grinding position.

Two finest industrial quality CRAFTSMAN vitrified aluminum oxide grinding wheels... one 56 grit for coarse grinding and one 70 grit for fine grinding and finishing. Wheel diameter greater than motor diameter for grinding work across face of machine. Both wheels 7 inches in diameter, 1 inch thick. Thirteen-inch clearance between wheels. Each wheel scientifically bonded and vitrified in electrically controlled furnaces. Face and sides dressed square. Perfectly balanced. Operate safely at rated speed of 3450 R.P.M. Dimensions (without eye shields and tool rests): Height 12 inches; width 17 inches; depth 81/2 inches.


$53.95

$550 DOWN ON TERMS

$27.95

$3 DOWN... ON EASY TERMS

OUNLAP 1/4-H.P. Grinder

Dependable quality... low in price!

Designed and constructed to handle most grinding jobs in small shops and for general maintenance work. An excellent utility grinder for any shop. Smaller and less expensive than our CRAFTSMAN 1/3-H.P. model at the left. Built to give years of trouble-free service.

Equipped with 1/4-H.P. DUNLAP split phase motor that operates on 110-120 volts 60-cycle A.C. power. Rated speed is 3450 R.P.M. Built-in on-off toggle switch is conveniently located at front of grinder. Two-foot rubber-covered cord and unrebreakable plug.

Precision ball bearings, protected against dirt, dust, grindings and abrasive particles. You get smooth, dependable, vibration-free operation with minimum power loss due to friction. The 5 1/4-inch steel shaft is turned down to 1/2-inch at wheel ends.

Two 5 1/2x7/8-inch fully vitrified CRAFTSMAN grinding wheels—one 36 grit wheel for coarse grinding and one 70 grit wheel for finer grinding and finishing. Clearances between wheels is eleven inches. Wheels are made of finest aluminum oxide grit, bonded and vitrified in electrically controlled furnaces. Well balanced... true running... made to cut cool, fast and free. Operate safely at rated grinder speed of 3450 R.P.M.

Cost iron wheel guards protect you against injury due to wheel breakage. Shatterproof glass eye shields in adjustable steel frames protect you against flying particles and sparks from grinding wheels. Useful glass area of eye shield is 3 1/2 x 3 1/2 inches; outer dimensions of eye shield frames is 4 1/2 x 4 1/2 inches. Removable, adjustable tool rests steady your work... assure greater accuracy.

Durable cast iron frame for strength and rigidity. Finished in black enamel. Rubber mounted for freedom from vibration.

Over-all dimensions (without eye shields and tool rests): Height 8 3/4 inches; width 12 1/2 inches; depth 8 inches.

997 T02618—DUNLAP 1/4-H.P. Grinder. Shipping weight 43 lbs.

$27.95

Yes, you can buy your grinder on Easy Terms!

Find yourself a little short on cash? Stop worrying! Here’s how you can put a new grinder in your shop NOW... pay for it as you use it. Only 10% down on Sears Easy Terms... balance in convenient monthly payments. If you already have a Sears Easy Terms account, just add your grinder to your present account. See inside back cover for complete details.

ROSE TOOLS, INC.
Accessories for lathes, polishing heads, flexible shafts

Floor Brush
One of our best selling accessories. Very handy for scraping, waxing, etc. 1-inch long Tampico fibers are closely and securely set in a 6-inch diameter hardwood block. Has 14-inch Arbor hole for mounting on lathe, polishing head, flexible shaft, or any 14-inch spindle.
9 T 6487—Shipping weight 11 ounces...Each $1.00

Wire Cup Brush
Densely filled with special crimped steel wire bristles. 11 1/2 inches long, evenly distributed and rigidly secured in a heavy cup-shaped metal holder. Designed for high speed operation on portable or stationary equipment. Recommended for removing scale, rust, paint, or weld spatter from rough metal surfaces. Brushing surface has 1 1/2 in. Face, 2 1/2 in. outside diameter; 1 1/2 in. Arbor hole.
9 T 6485—Shipping weight 4 ounces....70c

Carbon Removing Brush
Used by auto mechanics for hard-to-get-at jobs such as carbon removing, brushing motor parts, engine heads, castings of irregular shape, etc., inaccessible to rotary wire brush wheels. The 1-inch long, straight tempered steel wires are rigidly secured in sturdy metal holder. Furnish diameter 1-inch; 14-inch diameter steel shank.
9 T 6484—Shipping weight 4 ounces...Each 65c

Tampico Fiber Wheel Brush
Tampico fiber secured by metal center. Diameter 6 inches; 5 1/2-inch face; 1-inch Arbor hole. Ideal for cleaning, polishing, buffing, etc.
9 T 6486—Shipping weight 8 ounces...Each 55c

Steel Wire Wheels Brushes
Crimped steel wire; metal center. For removing paint, rust scale; for buffing tires, etc. Order by catalog size of diameter and Arbor hole size.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Face Width</th>
<th>Center Hole</th>
<th>Shipping Weight</th>
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<td>3/4-inch</td>
<td>5/8-inch</td>
<td>2 oz.</td>
<td>$0.47</td>
</tr>
<tr>
<td>6 inch</td>
<td>3/4-inch</td>
<td>5/8-inch</td>
<td>3 oz.</td>
<td>$0.43</td>
</tr>
<tr>
<td>8 inch</td>
<td>1 1/2-inch</td>
<td>7/8-inch</td>
<td>1 lb.</td>
<td>$2.10</td>
</tr>
<tr>
<td>10 inch</td>
<td>1 1/2-inch</td>
<td>7/8-inch</td>
<td>2 lb.</td>
<td>$2.95</td>
</tr>
<tr>
<td>12 inch</td>
<td>1 1/2-inch</td>
<td>7/8-inch</td>
<td>3 lb.</td>
<td>$3.90</td>
</tr>
</tbody>
</table>

9 T 6482—Fine. Made from .006-inch diameter wire

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Face Width</th>
<th>Center Hole</th>
<th>Shipping Weight</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 inch</td>
<td>3/4-inch</td>
<td>5/8-inch</td>
<td>5 oz.</td>
<td>$0.60</td>
</tr>
<tr>
<td>6 inch</td>
<td>3/4-inch</td>
<td>5/8-inch</td>
<td>11 oz.</td>
<td>$1.83</td>
</tr>
<tr>
<td>8 inch</td>
<td>1 1/2-inch</td>
<td>7/8-inch</td>
<td>1 lb.</td>
<td>$2.10</td>
</tr>
<tr>
<td>10 inch</td>
<td>1 1/2-inch</td>
<td>7/8-inch</td>
<td>2 lb.</td>
<td>$2.95</td>
</tr>
<tr>
<td>12 inch</td>
<td>1 1/2-inch</td>
<td>7/8-inch</td>
<td>3 lb.</td>
<td>$3.90</td>
</tr>
</tbody>
</table>

9 T 6483—Coarse. Heavy duty. Made from No. 24 wire

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Face Width</th>
<th>Center Hole</th>
<th>Shipping Weight</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 inch</td>
<td>3/4-inch</td>
<td>5/8-inch</td>
<td>14 oz.</td>
<td>$1.49</td>
</tr>
<tr>
<td>6 inch</td>
<td>3/4-inch</td>
<td>5/8-inch</td>
<td>2 lb.</td>
<td>$3.30</td>
</tr>
<tr>
<td>8 inch</td>
<td>1 1/2-inch</td>
<td>7/8-inch</td>
<td>2 lb.</td>
<td>$2.50</td>
</tr>
<tr>
<td>10 inch</td>
<td>1 1/2-inch</td>
<td>7/8-inch</td>
<td>3 lb.</td>
<td>$3.75</td>
</tr>
</tbody>
</table>

Buffing Wheels
Spiral-sawed buffs. Made from full pitch unblanched muslin thread yarns. State diameter.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Diam.</th>
<th>Center Hole</th>
<th>Layers</th>
<th>Shpg. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 T 6491</td>
<td>4</td>
<td>5/8 in.</td>
<td>2</td>
<td>1 oz.</td>
<td>$0.27</td>
</tr>
<tr>
<td>9 T 6491</td>
<td>4 1/4</td>
<td>5/8 in.</td>
<td>2</td>
<td>2 oz.</td>
<td>$0.45</td>
</tr>
<tr>
<td>9 T 6483</td>
<td>8</td>
<td>5/8 in.</td>
<td>2</td>
<td>4 oz.</td>
<td>$0.65</td>
</tr>
<tr>
<td>9 T 6483</td>
<td>8 1/4</td>
<td>5/8 in.</td>
<td>2</td>
<td>6 oz.</td>
<td>$0.85</td>
</tr>
<tr>
<td>9 T 6493</td>
<td>8</td>
<td>3/4 in.</td>
<td>2</td>
<td>5 oz.</td>
<td>$0.45</td>
</tr>
<tr>
<td>9 T 6493</td>
<td>8 1/4</td>
<td>3/4 in.</td>
<td>2</td>
<td>7 oz.</td>
<td>$0.65</td>
</tr>
<tr>
<td>9 T 6494</td>
<td>10</td>
<td>3/4 in.</td>
<td>2</td>
<td>7 oz.</td>
<td>$0.65</td>
</tr>
<tr>
<td>9 T 6494</td>
<td>10 1/4</td>
<td>3/4 in.</td>
<td>2</td>
<td>11 oz.</td>
<td>$1.15</td>
</tr>
<tr>
<td>9 T 6495</td>
<td>12</td>
<td>3/4 in.</td>
<td>2</td>
<td>10 oz.</td>
<td>$1.60</td>
</tr>
<tr>
<td>9 T 6495</td>
<td>12 1/4</td>
<td>3/4 in.</td>
<td>2</td>
<td>15 oz.</td>
<td>$2.25</td>
</tr>
<tr>
<td>9 T 6496</td>
<td>14</td>
<td>3/4 in.</td>
<td>2</td>
<td>11 lb. 2 oz.</td>
<td>$2.95</td>
</tr>
<tr>
<td>9 T 6496</td>
<td>14 1/4</td>
<td>3/4 in.</td>
<td>2</td>
<td>18 lbs. 4 oz.</td>
<td>$3.75</td>
</tr>
</tbody>
</table>

CRAFTSMAN Buffing Set
Set includes 6-inch double thickness sewn muslin buffing wheel, with 8-inch center hole; 6 oz. bar of rouge buffing compound; 5 oz. bar of Tripoli brown buffing compound. Handy set for your shop.
9 T 6483—Shipping weight 1 lb. 1 oz...Each 95c

CRAFTSMAN Buffing Compound Bars
Sold individually. Each bar 3/4 x 3/4 x 1 inch. Actual weight of each bar 8 ounces. Shpg. wt. each 8 oz.
9 T 2859—Emery. Black colored compound. Removes rust from tools, gold, brass, iron. Per bar...19c
9 T 2861—Tripoli. Brown colored compound. For use on aluminum, brass, copper, bronze, brass, steel, copper, etc. Actual weight of each bar 1 pound 1 ounce. Shipping weight 1 pound 4 ounces...Per bar 40c
9 T 2890—Red Rouge. Produces high luster on stainless steel, stainless steel, chromium, aluminum. Actual weight per bar 1 1/2 lbs. 3 oz. Shipping weight 1 pound 8 ounces...Per bar 60c
9 T 2860—White Rouge. Produces high luster on stainless steel, chromium, aluminum. Actual weight per bar 1 lb. 3 oz. Shipping weight 1 pound 8 ounces...Per bar 85c

Sanding Drums
Complete with adapter and medium grit sleeve. Diameter 2 1/4 inches; length 3 inches. Shipping weight 12 ounces.
9 T 2524—Fits 15-inch 20-thread shaft...$1.32
9 T 2520—Fits either 15-inch 24-thread or 16-inch 24-thread shaft...$1.32

Sanding Sleeve
Not shown. For replacement use on above sanding drums. Please be sure to state grit wanted: fine, medium, or coarse.
9 T 2522—Shipping weight 2 oz...Each 14c

Lambswool Polishing Drum
Made of lamb's wool. 1-inch pile. Diam. 2 1/4 in.; length 3 in. Slips over sanding drum above for polishing curved and irregular surfaces.
9 T 2533—Shipping weight 3 oz...Each 70c

Lambswool Polishing Bonnets
Fit over sanding plates. Polishes wax surface to a high finish. Shpg. wt. each 8 oz.
9 T 2527—Diameter 7 inches. Fits over sanding plate 1 1/4 inch pile...Each 95c
9 T 2528—Diameter 8 inches. Fits over sanding plate 1 3/8 inch pile...Each $1.10
9 T 2539—Diameter 9 inches. Fits over sanding plate 1 3/4 inch pile...Each 1.40

CRAFTSMAN Buffing Compounds
Economical larger size bars. 7 3/4 x 1 1/4 x 1 3/4 inches. For industrial or hobby shop use. Made of the highest quality materials. Each bar individually packed in cardboard container.
9 T 2873—Emery. Black colored compound. Used to remove rust from tools, golf clubs, iron, etc. Actual weight of bar 1 pound. Shipping weight 1 pound 4 ounces...Per bar 40c
9 T 2873—Tripoli. Brown colored compound. For use on aluminum, brass, copper, bronze, brass, steel, copper, etc. Actual weight of bar 1 pound. Shipping weight 1 pound 4 ounces...Per bar 40c
9 T 2874—Red Rouge. Ideal for giving high luster to stainless steel, stainless steel, chromium, aluminum. Actual weight per bar 1 1/2 lbs. 3 oz. Shipping weight 1 pound 8 ounces...Per bar 60c
9 T 2872—White Rouge. Ideal for giving high luster to stainless steel, stainless steel, chromium, aluminum, etc. Actual weight per bar 1 lb. 3 oz. Shipping weight 1 pound 8 ounces...Per bar 85c

Buy on Sears Easy Terms. Everything that Sears sells is available on convenient Sears Easy Terms. Only 10% down, the balance monthly. See inside back cover for complete details.
**Accessories for Lathes, Sanders, Polishing Heads, etc.**

**Sanding Plates, Wheels, and Replacement Sanding Discs**

- **Sanding Plates.** Cast iron construction. Carefully balanced and machined. Set screw is provided to lock plate securely on spindle. Each plate has one abrasive disc for wood, attached. For extra abrasive discs, see bottom of page, at right. Be sure to check spindle size before ordering.

  - **6-inch diameter.** Fits woodworking lathe 99 T 02160 (see page 19), or any ¾-inch straight unthreaded spindle.
    - 9 T 2158—Shipping weight 12 ounces. $2.60
  - **8-inch diameter.** Fits woodworking lathe 99 T 02160 (see page 19), or any 1¼-inch straight unthreaded spindle.
    - 9 T 2208—Shipping weight 2 pounds 8 ounces. $3.55
  - **10-inch diameter.** Fits woodworking lathe 99 T 2318 (see page 18), or any 1¾-inch straight unthreaded spindle.
    - 9 T 2208—Shipping weight 2 pounds 8 ounces. $3.55

- **Sanding Wheels.** 8-inch diameter. ½ or ¾ inch bore. Steel. Fits any 8-inch or larger bench saw, having ½ or ¾-inch arbor (see pages 1 and 2). Has one medium and one coarse abrasive disc for wood, attached. State size bore.

  - 9 T 2272—Shipping weight 4 pounds. $2.40

- **Replacement Sanding Discs** for 9 T 2272 sanding wheel above. 8-inch diameter. 2-inch center hole fits over any arbor. Package of six assorted. 2 each of fine, medium, and coarse grit.

  - 9 T 2273—Shipping weight 10 ounces. Package of six. $5.76

**Flexible Sanding Plates.** Fit polishing heads and flexible shafts (pages 20 and 24), and any other spindles threaded as listed below. With one medium grit abrasive disc for wood or metal attached. For extra abrasives, see replacement discs below. Check spindle size and thread before ordering.

- **½-inch diameter.** ½-inch thick flexible rubber pad, with ¾-inch-diameter metal backing on hub. Shpg. wt. each 14 oz.
  - 9 T 2247—For ½-inch x 2 ½-inch thread. $1.97
  - 9 T 2240—For ¾-inch x 2 ½-inch thread. $2.40

- **¾-inch diameter.** Has ½-inch thick flexible rubber pad with 1¼-inch-diameter metal backing on hub. Shpg. wt. each 14 oz.
  - 9 T 2248—For ¾-inch x 2 ½-inch thread. $2.20
  - 9 T 2244—For ¾-inch x 2 ½-inch thread. $2.20

**Replacement Sanding Discs.** Fit 5 and 7-inch flexible sanding pads above. Medium grit abrasive; for wood or metal.

  - 9 T 2241—5-inch diameter. Shpg. wt. 2 oz.
    - Pair @ 30c
  - 9 T 2245—7-inch diameter. Shpg. wt. 3 oz.
    - Pair @ 45c

**CRAFTSMAN Sanding Plates.** (Not shown.) 5-inch, diam., steel, rubber backed, ½-inch collet-type mounting; fits any ½-inch arbor or spindle; plain or threaded. Will not injure threads. With one medium grit abrasive disc for wood or metal.

  - 9 T 2249—Shipping weight 2 pounds. $1.75

**Replacement Sanding Discs.** For 9 T 2249 plate above, 7-inch diameter. Centering hole. Pre-glued for easy replacement. Choice of fine, medium, or coarse grit. State grit wanted.

  - 9 T 2246—Shipping weight 5 ounces. Pair @ 45c

---

Build your order up to $10 or more and buy on Sears convenient Easy Terms... see inside back cover for details.

---

**Rubber Polishing Wheel**

- **Craftsman.** Made of rubber with the cutting abrasive distributed through it! For polishing and finishing all hard metals and plastics. Easy to shape for getting into difficult places. Ideal for rust removal, die work, deburring, putting a super-kern edge on knives, etc. ¼-inch thick; ¼-inch hole. Maximum speed recommended: 4-inch, 3800 R.P.M.; 6-inch, 2500 R.P.M. Choice of fine, medium or coarse grit. Please state grit wanted.

  - 9 T 2298—6-inch diameter. Shipping weight 9 ounces. $9.60
  - 9 T 2299—5-inch diameter. Shipping weight 1 lb. 8 oz. $1.79

**Disc Cement.** Holds sanding discs to metal or wood sanding pads. Non-drying. Choice of 4% or 16 oz. sticks.

  - 9 T 2210—4% stick. Shpg. wt. 6 oz. 27c
  - 9 T 2219—16 oz. Shpg. wt. 18 oz. 45c

**Cement.** Fastens abrasive discs to metal plates. Sets quickly; holds firm. Shpg. wt. 1 lb. 2 oz.

  - 9 T 2252—1½-pint. 75c

**Sanding Belts**

- **Endless construction. In choice of fine, medium or coarse grit. State grit wanted.**

  - 9 T 2210—4½x 48 inches. Aluminum oxide on cloth. For sanding hardwood and metal. Fits 99 T 2235 sanding mount. Shpg. wt. 8 oz. $1.05
  - 9 T 2211—4½x 32½ inches. Aluminum oxide on cloth. For wood and metal. Fits Sears former No. 2210 sander. Shpg. wt. 8 oz. $0.80
  - 9 T 2212—4½x 56 inches. Aluminum oxide on cloth. For wood or metal. Fits Sears former No. 2213 sander. Shpg. wt. 4 oz. $0.57
  - 9 T 2213—4½x 65 inches. Garnet on cloth. For use on wood only. Fits Sears former No. 2213 sander. Shpg. wt. 4 oz. $0.57

**Resin-bonded Abrasive Discs**

- **Outlast glued discs from 2 to 2½ times! Won’t “soften up” under high speeds. Fine for curved surfaces. Made of aluminum oxide grit, firmly bonded to phenolic fiber back. 7-inch discs come in No. 24, 26, 30, 50 or 80 grit; 9½ inch discs in Nos. 24, 36, 50 grit. State grit wanted.**

  - 7-inch discs Center hole Shpg. wt.
    - 9 T 2222—¾ inch 5 oz. $0.76
    - 9 T 2223—¾ inch 5 oz. $0.76
  - 9½ inch discs Center hole Shpg. wt.
    - 9 T 2224—± inch 8 oz. 10c

- **Fiber Backing Pads.** Used for backing up abrasive discs for more rigidity. With ½ or ¾-inch center hole. Please state center hole size wanted.

  - 9 T 2225—7-inch diameter. Shipping weight 4 oz. Each 55c
  - 9 T 2226—9½-inch diameter. Shipping wt. 5 oz. Each 66c

Everything Sears sells may be purchased on Easy Terms... see inside back cover.
CRAFTSMAN Flexible Shafts... many tools in one

CRAFTSMAN 72-inch Flexible Shaft

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

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

Extra long, 72-inch shaft. Fits 1/4-inch motor shaft. Spindle is 1/4-inch, 20-thread. Core is made of 3/4-inch high carbon steel wire, helically wound, multiple strand. Inner casing is made of helically wound steel covered with heavy, abrasion-resistant, rubber jacket... steel impregnated... will not scratch surfaces.

Unusually flexible! Absolutely leakproof! Supports core evenly. The spiral steel chrome finish outer reinforcement at each end of shaft protects jacket. Complete with casing, core, motor coupling, hand piece and simple instructions for using.

99 T 02537—CRAFTSMAN 72-inch Flexible Shaft without motor. Shipping weight 11 lbs... $26.95
99 T 02529—CRAFTSMAN 72-inch Flexible Shaft with 3/4-inch/18 R.P.M. capacitor ball bearing motor for 110-120 volt 60 cycle A.C. S.Ssp. wt. 46 lbs... $53.95
9 1 T 2636—Extra Core for above flexible shafts. Shipping weight 2 pounds... $5.75

CRAFTSMAN 50-inch Flexible Shaft

General purpose flexible shaft that has hundreds of uses in the home, garage or repair shop. It's smooth... quiet running... and transmits power from motor to driven tool with minimum power loss.


Two layers of steel in casing. Inner layer is tempered spring steel and outer layer is soft steel. Practically leakproof, 1/4-inch core is made of helically wound high carbon steel wire. Complete with casing, core, motor coupling, hand piece and instructions.

99 T 02632—CRAFTSMAN 50-inch Flexible Shaft without motor. Shipping weight 5 lbs... $10.95
99 T 02629—CRAFTSMAN 50-inch Flexible Shaft with 3/8-inch/18 R.P.M. acer bearing split phase motor for 110-120 volt 60 cycle A.C. S.Ssp. wt. 29 lbs... $23.50
9 1 T 2634—Flexible Shaft Extension (not shown) 36 inches long. Same construction as above flexible shaft. Without hand piece or motor coupling. Shipping weight 3 pounds 6 ounces... $3.69
9 1 T 2632—Extra Core for above flexible shaft or extension. Shipping weight 1 pound... 2.35

Mounted Grinding Tools for flexible shafts

Made from highest quality vitrified aluminum oxide. Accurately mounted on 1/4-inch steel shafts, run true. For finish work, die cutting, or other grinding work. Stems are made of steel. Use 9 T 6458 for sharpening.

9 T 2429 hollow chisel (page 30).

Wheel Guard

CRAFTSMAN. Protects hands and eyes from the danger of flying particles and grit. A must in every shop. Has hand grip. Fits 99 T 02039 (listed above) or any flexible shaft with 1/4-inch diameter hand piece. For use with any 4-inch grinding wheel or wire wheel. Extra protection and safety. Fully adjustable. See wheelguard listed on page 39. Shipping weight 1 pound 2 ounces... $2.50
9 1 T 2628... $2.50
9 1 T 2629... $3.50
9 1 T 2623... $2.95
9 1 T 2627... $2.50
9 1 T 2626... $2.95
9 1 T 2625... $2.95

Angle Head

CRAFTSMAN. For getting into tight places or putting more pressure on grinding wheels, brushes, sanding and polishing discs. Can be used on aluminum head. Ball bearings take thrust; needle bearings radial load. 1-to-1 gear ratio. Removable, knurled grip handle for easy guidance. Fits 99 T 02620 and 99 T 02627 (listed above). Shipping weight 2 lbs. 8 oz... $29.95
9 1 T 2628... $29.95

You can afford to equip your shop completely with CRAFTSMAN tools... Use Sears Easy Terms... See inside back cover details.
CRAFTSMAN Drill Sets

Our finest CRAFTSMAN twist drills for home, shop and industrial use. Real professional quality in every detail. Highest quality steels, expertly tempered and hardened to stand up under long, hard use. Precision ground to exact size; cut cleanly and easily in wood or metal. Your choice of low speed carbon tool steel or high speed steel. Use carbon tool steel drills for hand, breast or bench drills operating at relatively low speeds; use high speed drills for high speeds in electric drills and power-driven drill presses.

These sets come in handy drill stands, which help you keep drills in order so you can find the proper drill easily. Hole sizes are clearly marked for quick selection of drills. Drill stands may be used as drill gauges.

- **Sets of sixty wire gauge drills** sizes 1 to 60, in drill stands. Shipping weight, per set, 12 oz. $9.95
- **Sets of twenty-nine drills**, sizes 1/16 to 1/2-inch by 64ths, in drill stands. Shipping weight, per set, 4 lbs. 2 oz. $9.75
- **Cabinet Makers' Steel Clamp.** T-bar type. Bar is 1/4x1/2x1/2 inch; sliding jaw has 1/4-inch face; locks in notches. Easy-operating crank. 9" T 6676—Please state size.
- **Ganging Clamps.** Adjustable ganging clamp. Use with any 3/8-inch threaded pipe. Mallable iron. Convenient clamp adjustment. Sliding jaw has 1/4x1/2-inch face; handy lever lock. With cap for end of pipe; without pipe. Shpg. wt, 4 lbs. 8 oz. $1.79

**CRAFTSMAN Soldering Irons** $398

There has been a tremendous demand for a moderately priced tool of this type! Now you can re-organize your drills with factory accuracy right in your own shop. Drill manufacturers always recommend use of drill grinding attachments and advise avoiding hand grinding. Giving more accurate points.

- **Cabinet Makers' Steel Straps.** T-bar type. Bar is 1/4x1/2x1/2 inch; sliding jaw has 1/4-inch face; locks in notches. Easy-operating crank. 9" T 6676—Please state size.
- **Ganging Clamps.** Adjustable ganging clamp. Use with any 3/8-inch threaded pipe. Mallable iron. Convenient clamp adjustment. Sliding jaw has 1/4x1/2-inch face; handy lever lock. With cap for end of pipe; without pipe. Shpg. wt, 4 lbs. 8 oz. $1.79

**CRAFTSMAN Soldering Irons** $398

There has been a tremendous demand for a moderately priced tool of this type! Now you can re-organize your drills with factory accuracy right in your own shop. Drill manufacturers always recommend use of drill grinding attachments and advise avoiding hand grinding. Giving more accurate points.
NEW CRAFTSMAN Heavy Duty Electric Drills

For production duty . . . finest quality and design . . . ¼-inch capacity

Here's just the drill for those heavy jobs where a compact, lightweight ¼-inch drill is needed. We believe it is the finest combination of maximum power, light-weight, and compact design of any drill of this type on the market. Built for production line service. Will take the day after day punishment of continuous operation and give trouble-free, long-life service.

Super-powered. Will not stall on the toughest job. Literally packed with power. Accurately balanced power packed universal motor runs smooth and cool.

For 110-120 volt 60 cycle A.C.-D.C. Automatic safety release trigger switch has lock button for continuous running. Underwriters' Laboratories approved.

Excellent design and construction, both inside and out. Strong die cast aluminum frame makes this drill unusually lightweight. Streamlined, compact functional design . . . your choice of easy-to-hold pistol or saw-grip handles.

Equipped with precision ball bearings throughout. Needle roller bearing on chuck spindle. Double reduction nickel chrome molybdenum gears give a no-load spindle speed of 1600 R.P.M. Chuck is largest and finest available for drill of this type—heavy duty ¼-inch Jacobs No. 7B geared key chuck.

Each drill is supplied with 10-foot three-wire rubber covered cord and plug and Jacobs chuck key.

3½-inch Electric Drill

CRAFTSMAN heavy duty electric drill built and powered for tough jobs. Aluminum frame. Equipped with heavy duty universal ball bearing motor. Won't stall when used with ¼-inch drill size. No-load speed 1000 R.P.M. Sealed ball bearings on armature; chuck spindle. Double reduction gears made of specially heat treated steel. Equipped with No. 32B Jacobs geared key chuck. Has saw grip handle. Underwriters' Laboratory approved trigger switch with lock for continuous running. Overall length 13½ inches. With 10 feet of 3 wire rubber covered cord and plug. For use on 110-120 volt 60 cycle A.C.-D.C. $52.50

1½-Inch Electric Drill


Production-type Drills

CRAFTSMAN. Perfect electric drill for heaviest duty in shop or factory. New departure ball bearings are sealed in all Jacobs geared key chuck. Underwriters' Laboratories approved double pole switch locks for continuous running. Special triple reduction gears are heat treated chrome-nickel steel. Won't stall when used with drill size specified. Top and rear handle removable. Lightweight aluminum frame. Extra heavy duty universal ball bearing motor for use on 110-120 volt A.C.-D.C. Overall length 18½ inches. With 10-foot 3 wire rubber covered cord and unbreakable plug. $63.95

2-speed Electric Drill

CRAFTSMAN. The right speed for every job with this electric drill. Exclusive convenient gear shift permits change of speed without loss of power. Two speeds—1000 R.P.M. for low gear for general work and 4000 R.P.M. in high gear for high speed drilling—best for small size bits. Die cast aluminum housing makes it lightweight and easy to handle, yet rugged and sturdy. Precision ball bearing construction. No. 18 Jacobs geared key chuck. Trigger switch; locking button for continuous operation. Fan cooled universal motor. 110-120 volt A.C.-D.C. Length 10½ inches. 10-foot 3 wire rubber covered cord and plug. $39.50

Catalog No. Size Drill R.P.M. Shpg. wt. Price
99 T 02585 ¼-inch 750 27 lbs. $63.95
99 T 02586 ¼-inch 30 lbs. 67.50
99 T 02587 ¼-inch 475 31 lbs. 74.95

9 T 2550—Shpg. wt. 5 lbs. $37.95

ROSE TOOLS, INC.
CRAFTSMAN Electric Drills pack lots of power

Weigh less than 3 pounds. With 1/4-inch Jacobs geared Key Chuck

Here are the tremendously popular, powerful, small size electric drills that are taking the place of large, heavy, hard-to-handle drills. Why? These CRAFTSMAN electric drills are small ... light ... easy to handle ... easy to use to get into those close places ... and they are literally power-packed. We couldn't stall one using a 1/4-in. bit on steel plate. The ideal tool for utility or general maintenance use.

Expertly designed and engineered. Lightweight die cast aluminum frame is exceptionally strong for its weight. Drill actually weighs less than 3 pounds.

Approved by Underwriters' Laboratories Inc.

Precision ball bearings at points of greatest wear—one as thrust bearing, one at gear end of motor. Needle bearing on chuck gear spindle. Gives true-

racing, trouble-free long life. Equipped with famous No. 1B Jacobs geared key chuck which seats drills firmly yet can be quickly and easily removed.

Double reduction gears are cut from special alloy steel ... are perfectly meshed for smooth, quiet op-
eration and longer, more practical spindle speed of 1600 R.P.M. Powerful universal motor for use on 110-120-volt 25-60 cycle A.C. - D.C.

Built-in switch, Trigger type on saw-grip model and thumb type on pistol-grip model. Comes with 10 feet of 3-wire rubber covered cord with plug.

YOUR CHOICE

$24.50 CASH
$25.00 DOWN

New uses for your 1/4-inch drill with these Accessories

Solid brass cases, with gray wrinkle finish and chromi-

um plated trim. Only two moving parts in each tool: no gears or springs. All working parts made of tool steel, accurately machined and assembled. For gen-
eral application on drills from 1600 to 2500 R.P.M.

CRAFTSMAN Roto-Vert

A portable power saw and filing machine when attached to a 1/4 inch electric drill. Ideal for cutting straight or irregular shapes in wood, metal, wall-

board, etc. Fine for close quar-
ters and hard-to-get-at places.

CRAFTSMAN Roto-Snip

Now you can do metal shearing two to three times faster. Eliminates the tiring work of cutting metal with hand snips.

Roto-Snip converts 1/4-in. elect-

ric drill into a power shears.

CRAFTSMAN Roto-Pein

Converts 1/4-in. electric drill into power hammer. Complete with rivet-
ing attachment. Length 43/4 inches.

Electric Drill Attachments


Saw Blade only for circular hole saw

Arbor for electric drill. For holding grinding wheels, wire wheels, buffing wheels, etc. 1/4-inch

shank. Arbor is 1/4-inch by 20 thread, 3/4 inches long. 1/4-inch flanges with nuts, in one piece. Precision made of carbon steel.

A 9 T 2577—Pistol-grip model, Checkout weight 4 pounds 4 ounces $24.50

A 9 T 2578—Saw-grip model, Checkout weight 4 pounds 8 ounces $24.50
Jacobs No. 6A-33 Chuck for use with No. 33 Jacobs Taper Arbor supplied with CRAFTSMAN "100" Drill Presses. Capacity 0 to 1/2 inch. Precision made.

SPECIFICATIONS
- Depth of throat: 7 3/4 inch
- Spindle: No. 33 Jacobs Taper
- Bearings: 4 heavy duty ball
- Chuck capacity (Jacobs 6A-33): 0 to 1 1/8 inch
- Spindle travel: 4 inches
- Depth gauge, graduations: 1/16 of an inch
- Column diameter (outside): 25 1/4 inches
- Table size: 10 x 10 inches
- Table travel: 13 1/2 inches
- Distance table to chuck: 13 1/2 inches
- Distance base to chuck, maximum: 12 1/4 inches
- Machine and motor pulley (endured): 8 in. 4 step
- Motor reamers, minimum: 1/8 H.P. 1750 RPM
- Number of speeds: 11
- Mounting dimensions: 6 3/4 x 14 1/2 inches
- Overall dimensions: Height 36 1/4 inches, Width 12 3/8 inches, Depth 19 inches

CRAFTSMAN "100" heavy duty Drill Press. Packed with power and capacity. Gives accuracy in operation not found in others several times the cost. Notice the modern designed streamlined head...no unsightly spindle extending above head...easy-acting three lever feed handle. This drill press will give you superb performance on those steady day-in day-out production jobs.

Perfect accuracy. You'll be able to do work that's accurate to the thousandths of an inch. The table is held in perfect alignment at 0 degrees by a taper pin. Absolutely prevents table from tilting even a fraction of an inch. Pin is removable for tilting table from 0 to 90 degrees right or left.

Double-acting shoe locks. Securely lock head to column, table to column and quill. Precision made...keeps table, column and head in perfect alignment. Operated by convenient handles on the side.


99 TN 2313 - $77.50
99 TN 2314 - $87.00 with motor
99 TN 2315 - Floor model without motor. Shipping weight 194 lbs. ...$77.50
99 TN 2321 - Floor model with 1/2 H.P. 1750 R.P.M. capacitor ball bearing, 110-120 volt 60 cycle A. C. motor. Shipping weight 229 pounds. ...$87.00
99 TN 2322 - Bench model with motor. Shipping weight 130 lbs. ...$87.00
99 TN 2330 - Bench model with 1/2 H.P. 1750 R.P.M. capacitor ball bearing, 110-120 volt 60 cycle A. C. motor. Shipping weight 170 pounds. ...$87.00
Ball bearing Drill Press

ROSE TOOLS, INC.

It's the CRAFTSMAN "100". The sturdy, rugged drill press for your wood and metal work. Designed to give utmost accuracy. Notice that the spindle does not project above head. Sears new modern, compact, streamlined design. It's a beauty.

Drills to center of 1 3/8-inch circle. Maximum spindle travel 3 1/2 inches. Adjustable stop collar with lock can be set for repetitive drilling.

Perfectly aligned table. Tapered pin holds the 9x9-inch table in support in perfect alignment at horizontal position. Table can be tilted 0 to 90 degrees either right or left. Made of smooth ground cast iron.


SPECS:
- Depth of throat: 6 5/16 inches
- Spindle: 1/4 to 20 thread or No. 33 Jacobs taper
- Bearings: 4 heavy duty ball
- Chuck capacity: 8 to 1 3/4 inch
- Spindle travel: 3 1/4 inches
- Depth gauge graduations: 1/4 inch
- Outside column diameter: 2 1/2 inches
- Table size: 8 3/4 inches
- Table travel: 10 5/16 inches
- Table to chuck, maximum: 10 1/2 inches
- Base size: 3 1/8 x 11 3/4 inches
- Machine and motor pulley (included): 5 in. 4 step V-Cone type
- Motor recommended, minimum: 1/2 H.P., 1750 R.P.M.
- Eleven speeds: 660-6500 R.P.M.
- Mounting dimensions: Height 26 3/4 inches; width 10 3/4 inches; depth 15 1/4 inches.

Three-jaw self-centering chuck and V-belts are included.

Available with motors

CRAFTSMAN Drill Press. . . new 1948 models

Bronze bearing Drill Press

CRAFTSMAN "80"... one of our lower priced drill presses. Ideal for drilling operations in smaller shops. Efficient work can be done on either wood or metal.


Famous "Floating Drive" spindle assembly. Eliminates "whip"; absorbs belt pull. New improved spiral coil spring quill return. Rubber cushion absorbs quill return shock. Feed lever handle quickly adjusted for greater leverage. 7 3/4-inch square table. Provides ample working surface. Table is non-tilling.

SPECS:
- Depth of throat: 4 1/4 inches
- Spindle: 1/4 to 20 thread
- Bearings: 3 bronze bushing, 1 ball thrust
- Chuck capacity: 0 to 3/4 inch
- Spindle travel: 1 1/4 inches
- Outside column diameter: 1 3/4 inches
- Table size: 5 11/16 x 8 3/4 inches
- Table travel: 10 5/16 inches
- Table to chuck, maximum: 10 1/4 inches
- Base size: 6 1/2 x 11 inches
- Machine pulley (included): 5 inch, 3-1/4 step Cone "V" type
- Motor pulley (not included): 3 inch, 3-1/4 step Cone "V" type
- Recommended, minimum: 3/4 H.P., 1750 R.P.M.
- Belt (not included): 3/4 inch wide; 30 in. long.
- Speeds: 660-6500 R.P.M.
- Mounting dimensions: 8 3/4 inches
- Overall dimensions: Height 24 1/4 inches; width 13 3/4 inches; depth 7 1/4 inches.

Low priced Drill Press

This CRAFTSMAN "40" has the same rugged construction and quality as our other CRAFTSMAN Drill Presses but is built for smaller utility. You can now have a good low priced drill press in your hobby or small shop. Can be used for drilling wood or metal.


Adjustable head, table and tilt drive.

SPECS:
- Depth of throat: 4 1/4 inches
- Spindle: 1/4 to 20 thread
- Bearings: 3 bronze bushing, 1 ball thrust
- Chuck capacity: 0 to 3/4 inch
- Spindle travel: 1 1/4 inches
- Outside column diameter: 1 3/4 inches
- Table size: 5 11/16 x 8 3/4 inches
- Table travel: 10 5/16 inches
- Table to chuck, maximum: 10 1/4 inches
- Base size: 6 1/2 x 11 inches
- Machine pulley (included): 5 inch, 3-1/4 step Cone "V" type
- Motor pulley (not included): 3 inch, 3-1/4 step Cone "V" type
- Recommended, minimum: 3/4 H.P., 1750 R.P.M.
- Belt (not included): 3/4 inch wide; 30 in. long.
- Speeds: 660-6500 R.P.M.
- Mounting dimensions: 8 3/4 inches
- Overall dimensions: Height 24 1/4 inches; width 13 3/4 inches; depth 7 1/4 inches.

Rose Tools, Inc.
Fine quality, useful drill press accessories...

Hold-down Guide
CRAFTSMAN. Made to fit almost any drill press table. Indispensable in mortising or repetitive drilling. Fingers on hold-down prevent work from being lifted when chisel or drill is raised. Easily adjustable for thick or thin materials. Fence keeps work held upright. Attachment bolts to drill press table; may be adjusted forward or backward simply by loosening bolts. Fence section is also used without hold-down to serve as guide in routing, inlay work, repetitive drilling and similar operations. Durable heavy cast iron construction. Shipping weight 6 lbs. 6 oz. 9 T 2457. $4.75

Drill Press Vise
CRAFTSMAN. Insures accuracy by holding work firmly in position while it is being drilled or worked on. Increases the range of work your drill will handle. Makes working with small pieces more convenient. Strong, accurately cut steel screw; knurled end, sliding handle. Base of non-ferrous metal. 254-inch cast iron jaws with steel faces; open 4 inches. Over-all length of vise 10½ inches. Complete with 2 extra jaws; one for round or irregular work and one for tapered pieces. Shipping weight 4 lbs. 9 T 2430. $2.95

CRAFTSMAN Drill Press Milling Vise
CRAFTSMAN. Use this drill press milling vise to increase the usefulness of your drill press! This versatile accessory enables you to handle all types of accurate drilling, layout and spacing work—straight line, radial and circular work; also light milling. Can also be used with shaper, lathe or grinder for any job in which accurate feeds in two directions are required. Bolts on drill press table. The work is locked on the table between two adjustable jaws. By use of the two cross feed controls, work may be moved to any desired horizontal position. Base is graduated through 360 degrees so vise table may be rotated to any angle and set accurately. Table is 7¼ inches. Travel on both cross feeds is 6 inches. Capacity of vise 3½ inches. Husky jaws are 3 inches wide; 1½ inches high. Downward travel assures smooth, accurate operation at all times. Complete with wrench. 99 1 07 2673—Shipping weight 18 lbs. 99 1 07 2672—Shipping weight 23 lbs. 99 1 07 2671—Shipping weight 30 lbs.

Multi-Speed Attachments
CRAFTSMAN. Use the correct speed for every job! Slow speeds for drilling metal; high speeds for woodworking and routing. Give 20 speeds from 200 R.P.M. to about 10,000 R.P.M., to suit almost any job. Easily installed. Fine ball bearing construction. Balanced pully. Two V-belts included. We recommend use of 2½-H.P. 1750 R.P.M. motor minimum to secure high speeds. Shipping weight each 5 lbs.

9 T 2308—Fits 86, 99 TM 3254, 99 TM 2313 and 99 TM 3254 (see pages 29 and 29) 2312 and some other drill presses with 2 or 2½-inch (plus 0.005-inch) inside diameter columns. $10.95

9 T 2299—(Not illus.) Fits drill presses 2452, 2453 and others with 2¼-inch (plus 0.006-inch) inside diameter column. $5.25

9 T 2394—Fits former drill presses Nos. 2407, 2392, 2423 and others with 2¼-inch (plus 0.006-inch) inside diameter columns. $19.25

9 T 2397—(Not illus.) Fits drill press No. 2398 and others with 2 inches (plus 0.005-inch) inside diameter column. $19.25

Barron Rotary Planer
CRAFTSMAN. Five tools in one! Does routing, planing, tableting and paneling. Doses, trues-up and finishes all types of wood. Won’t burn, gauge or scratch. When plane and resurfacer 12x28-inch board in 45 to 60 seconds! Fits any drill press with ½-inch chuck capacity. Adapter for Jacobs No. 33 taper spindle is included. Diameter 3 inches, 3½-inch round arbor. Special molybdenum tungsten tool steel blades. Set includes: Adapter, Allen wrench, set-up gauge, push-down pin and instructions. (Shipping weight 1 lb, 11 oz.) 9 T 2289—Postpaid. Complete set $7.50

Barron Planer Blade Holder. (Not shown.) For resharpening planer blades at correct angle. Made of steel. With instructions. (Shipping weight 3 oz.) 9 T 2280—Postpaid. Each $1.75

9 T 2281—½-inch long Replacement Blades. Postpaid. (Shipping wt. 1 oz.) Each $1.25

Spindle Adapters for screw-on chuck drill presses. Postpaid. 9 T 2294—½-inch 20-thread spindle. $1.50 9 T 2295—½-inch 24-thread spindle. $1.50

Roto-Vert Senior
CRAFTSMAN. For drill press and electric hand drills having a chuck capacity of ½-inch or greater. Easily attached to drill presses having depth gauges as illustrated. Converts your electric drill or drill press into a power sawing and filing machine. Standard back saw blades and files. Look what you can do with Roto-Vert Senior! You can cut straight or irregular shapes in wood, metal, wallboard, etc. Very useful to plumbers, electricians, heating and ventilating men, home and auto repair shops. Note its sturdy, long-life construction! Only two moving parts . . . and they’re both made of tough, wear-resistant tool steel. No gears or springs to break or get out of order! All parts accurately machined and assembled. Solid brass case has gray finish. Contrasting chromium plated trim. Length 5½ inches. Complete instructions. 9 T 2600—Shipping weight 2 lbs. 13 oz. $12.95

Head and Table Lift
For CRAFTSMAN 99 TM 3254 and other many other floor model drill presses with 2½-inch outside diameter columns. For fast, easy raising or lowering of drill press head and table. Support collars for drill head and table are positioned by Acme-threaded lift screw with bevel-gear drive controlled by handy crank handle. Both support collars have co-ordinate clamp locks. When head support collar is tightened, lower collar may be loosened for raising or lowering table. Similarly, when table collar is tightened, it serves as support for positioning drill press head.

Each turn of crank gives ½-inch travel. Maximum travel at any one setting is 12 inches. Two bevel gears, thrust bearing and cranckshaft are all housed in gear case which is cast in one piece with the upper support collar. Ball thrust bearing absorbs the load on the screw. 99 T 02419—Shipping weight 18 lbs. $7.50

ROSE TOOLS, INC.
...increase the usefulness of your drill press

Collet Chucks

For cutters at right or any 45 or 60° slant.

1. Screw-on type collet chuck, 3/4-in. capacity. Use with cutters at right. Fits drill press or any spindle having 1/4-in. x 20 thread (see 972310 and 922172, page 29). Shpg. wt. 3 oz. 972271...

2. Tool steel Bits for routing, dovetailing and carving

Make your drill press more useful with a complete set of tool steel cutters that permit you to do accurate carving, round-end mortising, dovetailing, boring, round edging, reeding and general routing. These heavy drill press accessories are precise made of the finest quality high speed tool steel; carefully ground for keen, long lasting edges. All cutters are perfectly ground to exact dimensions. They are fast, free, clean and smooth cutting. All have 3/4-inch shanks. Use either 972455 or 972271 collet chucks shown at left on this page. Routing bits are used most efficiently when work is held against a fence in order to obtain parallel and accurate routing (see Sears 972457 Hold-down Guide, on opposite page). Cautions: Use these cutters in collet chucks only—Never in Jacobs or other three jaw drill chucks!

3. Drill Press Radial Arm

With this radial arm you will increase the usefulness of your drill press. It increases the distance from main column to chuck to 24 inches. Enables you to drill to center of a 48-inch circle. Can be swung to almost any position. When in use in conjunction with column collar, arm can be left loose on column and head swung about for routing and similar operations. Permits drill head to be mounted above or below arm.

Ideal for cabinet makers and similar shops needing capacity for large work. Extra heavy casting of rugged construction provides necessary great rigidity. Coordinate clamp lock arm rigidly to column. Can be used only with floor type drill press having a 34-inch outside diameter column, such as 99 TM 2214 drill press on page 28. Shipping weight 35 pounds. 99 TM 2241...

Adapters and Cutters

4. Adapter for 972458 shaper cutter. Fits spindles of Craftsman drill presses 972364, 972366, 972313 and 972314 (see pages 28 and 29), or any drill press with No. 33 Jacobs tapered spindle and knurled locking collar to hold adapter flange securely. 972427—Shipping weight 7 ozs...

5. Bushing. Threaded for use with adapter 972437 above. 972438—Shipping weight 4 ozs...

6. Shaper Collars. Mount beneath shaper cutters to control depth of cut on curved work. Fits 3/4-inch spindle. 972367—Shipping weight 6 ozs...

7. Adapter for all 3/4-inch bore shaper cutters shown at right. Fits spindles of Craftsman drill presses 972364, 972366, 972313 and 972314 (pages 28 and 29), or any drill press with No. 33 Jacobs tapered spindle and knurled locking collar. 972365—Shipping weight 7 ozs...

8. Shaper Cutters that form almost any contour

These high speed cutters will add tremendous usefulness to your drill press. They permit almost any kind of contour to be formed quickly and accurately...do many types of shaping work. Made of finest quality special alloy tool steel; carefully hardened and ground for keen, long lasting edges. Precision machined and ground to exact dimensions...they give an accurate, fast, clean, smooth cutting action. Cutters have 3/4-inch bore. Use with adapter 972455, at left. May be sharpened by grinding front face on flat, fine grit wheel.

BB A complete matched set of tongue and groove cutters to be used in connection with your drill press or shaper. Precision ground and matched for accurate fit to give a clean, smooth joint at all times. 3/4-inch bore; 1-inch high; 3/4-inch radius. 972355—Shipping weight 16 ozs...
Jacobs Chucks for drill presses, lathes, electric drills, etc.

Jacobs Chucks are world-renowned for their precision and reliability. This catalog lists a variety of Jacobs Chuck accessories and tools, including Jacobs Drill Chuck Arbor, Jacobs Chuck Keys, Jacobs Hex Key Chucks, Jacobs Arbor, Jacobs Collets, and more. Each item is carefully described with specifications and prices.

Jacobs Chuck Arbors

Jacobs Drill Chuck Arbors

Jacobs Chuck Keys

Jacobs Hex Key Chucks

Jacobs Arbor

Jacobs Collets

Sears Easy Terms make it easy for you to have a completely equipped power tool shop... for complete information see inside back cover.

ROSE TOOLS, INC.
3-jaw Universal

CRAFTSMAN. Finest quality in design, materials and construction.

Self-centering, lever-operated type. Has only two main parts, body and scroll. Ideal for production work because of speed and gripping. Centers accurately. Tolerances held to within .001 inch.


Buy it NOW on Sears Easy Terms. See inside back cover.
ROSE TOOLS, INC.

"80" Metal Turning Lathe

Designed and priced for use in home and other small workshops

- Back gears produce power necessary for machining different metals
- Offset center construction gives smoother, more accurate performance
- Wide speed range permits wood and plastic turning; taper turning easily and quickly accomplished by setting over tailstock

Here is a complete back-gear screw cutting lathe that will increase tremendously the work you can do in your shop. It is specially designed for precise work such as turning armatures, model making, repair, experimental and tool room work. The speed range...120 to 1325 R.P.M. permits wood and plastic turning. The precision construction in every detail plus the Craftsman quality features make this lathe a sensational buy.

Offset center construction. Centers offset 3/4 inch back of bed center line increase the lathe's capacity; give greater support to compound and keeps pressure of work on tool bit between the ways, even when handling larger work.

Sturdy cast iron bed has heavy cast inverted U type ribbing. V-way bed and undercuts machined at same time for better alignment. Removable No. 0 Morse taper centers in headstock and tailstock. Tailstock may be set over 1/4 inch for turning tapers.

Double bearing headstock. Olive bronze front bearing adjustable. Taper take-up in front spindle bearing adjusts for longer wear, smoother, more accurate operation.

Compound rest and cross feed. Accurately gibbed for wear-take-up. Complete with accessories shown at left. For arbors and chucks to fit above lathe, see pages 32 and 33.

Specifications:
- Swing over bed: 6 inches
- Distance between centers: 12 inches
- Spindle nose size: 3/4 inch-20 thread
- Taper: No. 0 Morse
- Bearing: 3/4 inch
- Thread range: 5/16 to 1 1/4 inches
- Cross slide travel: 1/4 inch
- Tailstock ram travel: 1/4 inch
- Tailstock set over: 5/8 inch
- Motor recommended minimum: 3/4 H.P. 1750 R.P.M.
- Machine pulley, included: 3 step "V" type
- Motor pulley: (included): 3 step "V" type
- Speeds: Six: 120 to 1325 R.P.M.
- Mounting dimensions: 183 x 63 inches
- Over-all dimensions: Height: 9 1/2 inches; width: 8 1/2 inches; length: 26 inches.

6-inch swing...12 inches between centers...22 1/4-in. bed

6-piece Tool Bit Set...ground and shaped

$225

Set

6-piece set of 3/4-inch bits of high speed tool steel. Accurately ground to shape and ready for immediate use. Fines, materials and workmanship. Good bits for steady production work. Set includes one each of the following: threading bit, left hand facing bit, right hand turning bit, round nose turning bit, right hand facing bit and left hand turning bit.

99 TM 2063—Without motor. Ship wt. 55 lbs. $41.50
99 TM 2064—With 3/4 H.P. 1750 R.P.M. 110-120 volt 60 cycle A.C. split phase sleeve bearing motor. Ship wt. 79 lbs. $55.50

ROSE TOOLS, INC.
The lathe designed, built and priced just for you; model makers, hobbyists, tool makers, etc. Guaranteed accurate within 1/1000th inch of an inch at spindle.

Full 6-inch swing ... 18 inches between centers ... 30 inch bed. Allows you to do wide variety of jobs. Has massive, one-piece, cast semi-steel, precision ground bed. Carriage has hand wheel for manual operation and feed lever for reversible automatic power feed. Tailstock has set-over for taper turning.

Cuts 8 to 96 threads per inch, right or left hand. Back gears give 16 speeds from 54 to 1225 R.P.M. A correct speed for all turning, finishing or polishing. Graduated compound rest swivels 360 degrees.

**Specifications:**
- Swing over bed: 6 inches
- Distance between centers: 18 inches
- Spindle: No. 5 Morse
- Taper: Bore: 15/8 inch
- Spindle bearing: 2 oilite bronze; 1 ball thrust
- Thread range: 8 to 96, right or left hand
- Feeds: Four: .0024, .0039, .0048 and .0078
- Back gear ratio: Approximately 0.64 to 1
- Countershaft and back gear bearings: 4 oilite bronze
- Swing over carriage: 41/4 inches
- Compound rest travel: 11/4 inches
- Cross slide travel: 41/4 inches
- Tailstock taper: No. 1 Morse
- Tailstock ram travel: 14 inches
- Tailstock set over: 11/4 inch
- Motor recommended, minimum: 1/4 H.P. 1500 R.P.M.
- Machine pulley (included): 4 step
- Motor pulley (included): 2 step
- Mounting dimensions: 431/2 x 271/4 inches
- Over-all dimensions: Height 105/4 inches; width 211/4 inches; length 331/4 inches
- Comes with instructions and accessories shown above

99TM2048—Without motor. Shipping weight 110 lbs. $97.00

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**Accessories for above lathe to make it more useful**

**Steady Rest**
- Base clamps securely to bed 3 ways. Gives added support needed when turning long pieces. Handles diameters up to 71/4 inches. Shipping weight 3 lbs. 8 oz.
- Price: $5.75

**Follower Rest**
- Mounts on back of carriage dovetail slide ... moves with cutting tool to provide support needed to prevent deflection when turning long, slender work.
- Price: $3.75

**Reversing Switch**
- Reverses motor and spindle direction when grinding, polishing, tapping and wood and metal finishing. Not suitable for repulsion-induction motors.
- Price: $7.10

**Milling Attachment**
- Has graduated swivel vise, flat block and V-block for holding cylindrical objects. Vise capacity 2 inches; vertical feed 1 1/4 inches. Graduated swivel. Shipping weight 8 pounds 8 ounces.
- Price: $19.95

**Holding Collet**
- This attachment will hold threaded, hole angular milling and keyway cutters and 1/4 inch end mills. Shipping weight 2 lbs.
- Price: $18.60

**Tool Holders**
- Prices: $1.75

**Formed Tool Bit Set**
- Six-piece set of 1/4 inch tool bits. Made of high speed steel tool. Accurately ground to shape, ready for use. Good for production work. Set includes one each of the following: threading bit, left hand facing bit, left hand turning bit, right hand turning bit, right hand facing bit and right hand lathe bit. Shipping weight 5 lbs.
- Price: $219

**Tool Post Set**
- Ideal for precision boring jobs requiring rigid tool mounting. Tools mount directly in tool post. Made of high speed tool steel. Set includes the following: four boring bars, internal threading tool, external threading tool, internal turning tool and set of tool post spacers for height spacing.
- Price: $16.65

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Buy your Power Tools on Sears Easy Terms ... only 10% down ... balance monthly. See inside back cover for details.
ROSE TOOLS, INC.

Craftsman Metal Lathe...

Lathe Manual, containing 234 pages of sound and practical explanations of metal lathe operations and construction, is included with these Craftsman metal turning lathes.

Accessories for metal lathe shown above

Tool Holders
Steel forgings; expertly made and carefully finished. For use with 1/4-inch tool bits shown below. Shafts are 3/4-inch high; 3/8-inch wide. Shipping weight each 2 pounds.

- T 2194—Offset, left...$1.89
- T 2198—Threading...$4.40
- T 2192—Offset, right...1.89
- T 2200—Cut-off...2.75
- T 2196—Straight...1.89
- T 2202—Knurling tool...5.45

6 Formed Tool Bits
Handy bits that are ground ready to use. 1/4-inch size. Fits the tool holders listed above. Shipping weight 8 ounces. Set includes:
- Threading bit
- Left-hand facing bit
- Right-hand turning bit
- Left-hand turning bit
- Round nose turning bit

- T 2208—Set of 6 tool bits...$2.25

Tool Post Tool Set
Set includes 4 boring tools (1/4, 3/8, 1/2, and 5/8 inch); 5/8-inch inside threading tool; 1/4-inch turning tool; 1/8-inch threading tool and set of tool post spacers.
- T 2189—Shipping weight 2 pounds...$7.20

Lathes Dogs
Made of malleable iron. Holds work firmly. Choice of four sizes: 5/8, 1 1/2, 1 3/4-inch size. Sizes 4 sizes.
- T 2078—Shipping wt. 8 oz...46c
- T 2183—Shipping weight each, 1 pound.
- 5/8 inch...85c
- 1 inch...1.00
- 1 1/2 inch...95c

Face Plates
For use on lathes on this page or any lathe with 1 1/2-in. 8-thread spindle.
- T 2471—4-inch. Ship wt. 3 lbs...$3.30
- T 2475—6-inch. Ship wt. 6 lbs...2.75

Micrometer Carriage Stop
Has adjustable micrometer stop to indicate stopping place for carriage to boring or facing to a given depth; cutting off at a given point; duplicating conical parts, and laying out work on a cylindrical surface. Clamps on front of bed. Fits all the Craftsman lathes listed on the bottom of the opposite page.
- T 2185—Shipping weight 1 lb...$5.00

Mica Undercutter
Easily and quickly fastens to the back of carriage. Screw feed regulates height of cutter and carriage feed moves cutter into commutator slot. For use on 110-120 volt 25-60 cycle A.C. D.C. Current complete with motor, switch, cord, set of 5 undercutting mires. Fits all the Craftsman lathes listed on the bottom of the opposite page.
- T 2939—Shipping weight 10 lbs...$30.75

For complete information about Easy Terms, see inside back cover.

ROSE TOOLS, INC.
Guaranteed accurate to one-thousandth inch

- Famous Timken tapered roller bearings maintain spindle alignment and absorb radial and thrust loads
- Guards completely cover headstock and motor pulley
- Thread range from 4 to 96 threads per inch, either right or left hand (standard) Metric .5 to 7.0 mm.
- Reversible power cross feed feed makes facing work easier

99 TM 2075 $195.00 CASH
$19.50 DOWN, ON SEARS EASY PAYMENTS

The ability of this CRAFTSMAN metal turning lathe to cut accurately to 1/1000th inch even after years of usage is the result of precision construction and expert design. It's outstanding in workmanship, material, versatility, and price.

Famous Timken tapered roller bearings in headstock assure smooth, fast cutting even at high spindle speeds. Maintain spindle alignment and absorb the radial and thrust loads. Rugged massive construction.

Reversible power cross feed and longitudinal feed permits you to do your facing work accurately and automatically. Simple and easy to operate. Tailstock has set over for taper turning.


Keeps lathe clean; helps prevent accidents. Check the following specifications.

**SPECIFICATIONS.**

<table>
<thead>
<tr>
<th>99 TM 2075</th>
<th>99 TM 2079</th>
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<tbody>
<tr>
<td>Swing over bed</td>
<td>12¾ inches</td>
</tr>
<tr>
<td>Distance between centers</td>
<td>28 inches</td>
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<td>Spindle, Nose size</td>
<td>15/4 in.—8 thread</td>
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<td>Taper</td>
<td>No. 2 Morse</td>
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<tr>
<td>Bore</td>
<td>9/16 inch</td>
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<tr>
<td>Spindle bearings</td>
<td>2 Timken roller</td>
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<tr>
<td>Thread range</td>
<td>4 to 96 R.H. or L.H.</td>
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<tr>
<td>Length of bed</td>
<td>80 inches</td>
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<tr>
<td>Back gear ratio</td>
<td>Approx. 6 to 1</td>
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<tr>
<td>Countershaft and back gear bearings</td>
<td>4 oilite bronze</td>
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<tr>
<td>Swing over carriage</td>
<td>85½ inches</td>
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<td>Compound rest travel</td>
<td>25 inches</td>
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<td>Cross feed</td>
<td>Reversible; power feed</td>
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<td>Cross slide travel</td>
<td>6½ inches</td>
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<tr>
<td>Tailstock taper</td>
<td>No. 2 Morse taper</td>
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<td>Tailstock ram travel</td>
<td>25 inches</td>
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<tr>
<td>Tailstock set over</td>
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<tr>
<td>Machine pulley (inclusive)</td>
<td>6 inch 4 step</td>
</tr>
<tr>
<td>Motor pulley (inclusive)</td>
<td>4½ inch 2 step</td>
</tr>
<tr>
<td>Speeds</td>
<td>28 to 2072 R.P.M.</td>
</tr>
<tr>
<td>Mounting dimensions</td>
<td>69½ x 33½ x 14 in.</td>
</tr>
<tr>
<td>Over-all dimensions, Height</td>
<td>10 inches</td>
</tr>
<tr>
<td>Weight</td>
<td>255 pounds</td>
</tr>
<tr>
<td>Lengths</td>
<td>45 inches</td>
</tr>
</tbody>
</table>


99 TM 2075—Shipping weight 275 pounds .......................... $193.00
99 TM 2079—Shipping weight 295 pounds .......................... $210.00

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For arbor see page 32 . . . For chucks see page 33

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**Taper Attachment**

- An accurate taper attachment that's easy and quickly installed, simple to operate. You don't have to move the tailstock out of alignment when you use this attachment. Duplicate tapers can be cut accurately on pieces of different lengths. Internal boring work can be done as easily as external work. The index plate is graduated at 2° and 3 inch on both sides of the center line, equivalent to taper of 2 1/16 inch per foot. Designed to fit lathes listed at the bottom of this page.

917 2986—Shipping weight 10 pounds ............................. $22.50

**Reversing Switch**

- Drum type reversing switch that is essential for grinding, tapping and all types of fine metal and wood finishing. The reversing motor reverses direction of lathe spindle. (Note: Do not use with repulsion-induction motors.) Comes with cord and plug.

917 2983—Shipping weight 5 pounds .............................. $9.00

All the accessories shown above fit CRAFTSMAN lathes numbers 2065, 2067, 2069, 2071, 2073, 991M2075, 2077, and 991M2079

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**Steady Rest**

- The sturdy solid brass jaws give rigid support to insure accuracy in turning, boring, and threading on your lathe. Especially useful for accuracy when turning, boring or threading long slender pieces. Clamps firmly and rigidly to the bed ways. Has a capacity up to 2 1/2 inches. Comes complete with extra jaws. Ready for use.

917 2985—Shipping weight 7 pounds .............................. $7.25

---

**Milling Attachment**


917 2987—Shipping weight 16 pounds .............................. $22.00

---

**Follower Rest**

- Here's the accessory that will give you the necessary support for jobs that require a long cut on a small diameter. Enables you to do much more accurate and precise work. It fastens securely to the back of the carriage dovetail slide ... follows the cutting tool. Essential for long slender pieces. Very convenient and easy to use.

917 2988—Shipping weight 4 pounds .............................. $4.40

---

**Holding Collet**

- Ideal for use on straight shank milling cutters. Fitted with two arbors, one to take threaded hole angular cutters, etc. Hand wheel type. Provides excellent means of holding milling cutters firmly and rigidly. Particularly useful in milling, where it is required to use many types of cutters frequently.

917 2994—Shipping weight 3 pounds .............................. $18.80
917 2988—Positions for use with 3/4, 1 1/2, 5/8 and 3/4 inch end mills. Shipping weight 4 oz. .......................... 2.10

---

Rose Tools, Inc.
Welding Tips

Welding Torch

Mixing Chamber

Welding Rods

Gas Regulators

Oxygen Regulator

Acetylene Regulator

Adapters
Welding Needs...Body and Fender Tools

Cutting Attachment $16.00

CRAFTSMAN Professional heating, brazing and welding outfit. Use with Prest-O-Lite cylinders. Operates on acetylene only; requires pressures up to 4 lbs. for largest tips. Do not use with oxygen or air pressure. Simply constructed; last for years if properly used.

Brazing Outfit $6.00

CRAFTSMAN For above cutting attachment. Shipping weight 6 oz. each.

5 T 5447 Each $2.25

3 pounds 6 ounces $18.00

Cutting Tips

ROSE TOOLS, INC.

1 T 5447 Shipping weight 2 pounds

Sensational post-war improvements give CRAFTSMAN Air Hose super-strength!

Just look at the way this air hose is built! Three tough layers: (1) Special rubber inner tube that's not affected by oil or other solvents. (2) Neoprene cord reinforcing - the same Neoprene cord used in newest heavy duty truck tires. Actually TWICE as strong as ordinary hose yarn! Tests prove this CRAFTSMAN hose with a Neoprene coating reinforcement is stronger than ordinary hose. Non-corrugated plastic pipe is much lighter in weight. Maximum working pressure 150 lbs. (3) New Neoprene cover gives greater resistance to oil, heat, oil, chemicals and abrasion than hose with old-style rubber cover.

Ideal for use with all pneumatic tools for air lines on sparking equipment for tire inflation; for cleaning with compressed air; for use wherever air or non-corrosive gas is conducted. Complete with standard couplings.

Welders' Goggles $8.99

Shade 3 lenses, For light or acetylene welding, cutting, elastic headband; adjustable bridge, ventilated side shields; no fogging. Screw caps for changing lenses. 300 cases.

28 T 6053—Shipping wt. 4 oz. $1.89

30 T 6053—Shipping wt. 4 oz. $1.89

Over-spectacle type. Worn over regular glasses. Similar to 30 T 6053.

28 T 6024—Shipping wt. 2 oz. $2.29

Extra 50-mesh, Filter Lenses for above.

No. 4 density. For average acetylene welding, cutting, brazing, etc.

28 T 6057—Shipping wt. 3 oz. $1.99

No. 6 density. Extra dark. For heavy acetylene welding, cutting, etc.

28 T 6057—Shipping wt. 3 oz. $1.99

Plastic Face Shield $9.89

Protects eyes and face. Adjustable, Metal-bound window of non-inflammable plastic. Shipped in a protective box. Shipped wt. 12 oz. $1.99

28 T 6095—Shipping weight 1 lb. $2.98

28 T 6086—Extra Window for above. Shipped wt. 8 oz. $2.99

Low-cost Respirator $2.98

Protects against pollens and dust from processing wood, grain, stone and metal. Comfortable molded rubber frame, short length. Shipped wt. 12 oz. $1.99

Industrial Respirators $2.98

For all dust hazards—mineral, agricultural, etc. See below for filters and respirator face mask. Adjustable: 28 T 6073—As described above. Shipped wt. 12 oz. $2.98

28 T 6074—Extra Filter for above. Shipped wt. 5 oz. $2.98

For low concentrations of fumes and vapor as in paint spraying, dry cleaning, gasoline handling, etc. See below for filters and respirator face mask. 28 T 6077—As described above. Shipped wt. 12 oz. $2.98

28 T 6084—Extra Filter for above. Shipped wt. 5 oz. $2.98

W ARNING: Respirators cannot and should not be used as gas masks.
Learning to weld is easy!

Save time and money; do your own welding. It's easy to learn how! Each CRAFTSMAN Arc Welder Outfit includes a book of easy-to-follow instructions plus a generous supply of practice welding rods. Read the directions...get a little practice...soon you'll be able to weld well enough to do 95% of your repair jobs!

$185.00 CASH
$18.50 DOWN

CRAFTSMAN Industrial Arc Welders
Built to the highest standards for continuous service

Buy a CRAFTSMAN and be SURE you're getting one of the finest electric arc welders made! Just look what you get.

1. A complete range of welding currents for every kind of work—welding, cutting, brazing, soldering or heating.
2. Greater efficiency and reduced current consumption because the welder transformer has a high power factor.
3. A welder that is almost impossible to burn out when used at correct voltage! That's because the windings are insulated with spun glass...the finest insulation used in arc welders today! Coils dipped in varnish and baked.

CRAFTSMAN 300-ampere A.C. Arc Welder
(Above at left.) The finest industrial welder we have ever sold! Extra heavy-duty. Meets rigid requirements for professional use and production work. Especially suitable for factories, mills, foundries, welding shops, construction companies, etc. where heavy work is repaired or fabricated.

SPECIFICATIONS:
- Maximum amperes actual welding current delivered: 300 amperes
- Welding heats available (actual welding current): 30 amperes
- Maximum rod size: 1/4 inch
- Type of service: Continuous heavy duty
- Current supply required: Single phase 220-230 volts, 60-cycle A.C. only
- Maximum open circuit secondary volts: 94 volts
- Maximum line draw: 68 amperes
- Maximum kilowatts: 8.2 kilowatts
- Maximum kilo-volt-amperes: 14.5 kilo-volt-amperes
- Cabinet dimensions: 37 inches high; 21 inches deep; 23 inches wide. Casters in front, wheels in rear.

99 TM 2015—Complete as described. Shipping weight 330 lbs. $185.00

CRAFTSMAN 200-ampere A.C. Arc Welder
(Above at right.) Smaller capacity than 300-ampere model at left but still more than ample for steady continuous service in garages, mills, factories, body and welding shops, etc. Especially recommended for repair or production work. Gives maximum heat at the arc with minimum current consumption.

SPECIFICATIONS:
- Maximum amperes actual welding current delivered: 200 amperes
- Welding heats available (actual welding current): 20 amperes
- Maximum rod size: 5/64 inch
- Type of service: Continuous
- Current supply required: Single phase 220-230 volts, 60-cycle A.C. only
- Maximum open circuit secondary volts: 94 volts
- Maximum line draw: 48.5 amperes
- Maximum kilowatts: 6.2 kilowatts
- Maximum kilo-volt-amperes: 10.7 kilo-volt-amperes
- Cabinet dimensions: 33 inches high; 20 inches wide; 21 inches deep. Casters in front, wheels in rear.

99 TM 2012—Complete as described. Shipping weight 260 lbs. $140.00

ROSE TOOLS, INC.
Twin Carbon Torch

Industrial type. Doubles usefulness of any A.C. arc welder. Faster, easier, better brazing, soldering, heating. Ideal for work on this metal. Lightweight, balanced. With cables, carbons, instructions.

$14.95

Cored Carbons for Twin Torches

<table>
<thead>
<tr>
<th>Catalog number</th>
<th>Diameter</th>
<th>Length</th>
<th>Shipping weight</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 T 2001</td>
<td>1/4 inch</td>
<td>6 inches</td>
<td>2 ounces</td>
<td>15c</td>
</tr>
<tr>
<td>9 T 2002</td>
<td>3/8 inch</td>
<td>6 inches</td>
<td>2 ounces</td>
<td>1c</td>
</tr>
<tr>
<td>9 T 2003</td>
<td>5/16 inch</td>
<td>6 inches</td>
<td>2 ounces</td>
<td>1c</td>
</tr>
</tbody>
</table>

Craftsman Electrode Holder

A Fully insulated. Light in weight. Rods quickly changed. For welders with capacity of 300 amperes or less. 9 in. long.
9 T 2006—Shipping weight 1 pound. $3.19

Dependable Welding Helmets

One piece seamless vulcanized fiber construction. Shaped 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. Nabeled glass holder. 2x45° inch clear cover glass provided. Filter lens not provided. See below.
9 T 1324—Shipping weight 2 lbs. 6 oz. $7.30

Streamlined fabricated fiber construction. Helmet has automatic spring snap for “off” and “on” positions. Black fiber headband with genuine leather sweatband. Size adjustable over wide range. No metal touches head. Convenient glass holder keeps cover glass and filter lens in place yet readily removable. 2x45° inch clear cover glass supplied. Filter lens not included. See below.
9 T 1327—Shipping weight 2 lbs. 6 oz. $6.00

Fibrocite fiber construction. Adjusts to fit head size. Can be thrown back without removing worn front. Friction joint between headband and helmet makes helmet readily adjustable and secure in both “on” and “off” positions. Clear cover glass and No. 10 density filter provided. Both are 2x45° inch size. Note our low price!
9 T 1326—Shipping weight 2 lbs. 8 oz. $3.30

Extra Filter Plates and Cover Glass. Not illustrated. For arc welding use. Size 2x45° inches. Fits almost all helmets. Shipping weight of each is 5 oz.
9 T 1327—No. 10 shade Filter Plates. For 75 to 250 ampere welding work. 82c
9 T 1328—No. 12 shade Filter Plates for 250 ampere or over welding work. 82c
9 T 1329—Clear Cover Glass. 6c

Electrode Assortment

99 T 0024—Complete assortment. Shipping weight 22 pounds. $5.50

Welding Electrodes

Craftsman. Individual types for specific use. Especially designed for use on all A.C. or D.C. (D.D. reverse polarity) welders. Easily striking; assure minimum electrode consumption and easy slag removal. Shipping weight of 5-lb. size is 5 lbs. 12 oz.; 25-lb. size, 29 lbs. Order by catalog number and steel size needed.
9 T 2003—General purpose type recommended for use on mild steel. Please state size wanted.
Size | 5/32 inch | 3/32 inch | 1/8 inch | 5/32 inch
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5 lbs.</td>
<td>$2.69</td>
<td>$2.05</td>
<td>$2.98</td>
<td>$0.95</td>
</tr>
<tr>
<td>25 lbs.</td>
<td>6.60</td>
<td>4.90</td>
<td>6.60</td>
<td>4.40</td>
</tr>
</tbody>
</table>

9 T 2055—For use on cast iron. State size.
Size | 5/32 inch | 3/32 inch | 1/8 inch | 5/32 inch
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5 lbs.</td>
<td>$3.90</td>
<td>$2.70</td>
<td>$3.90</td>
<td>$1.00</td>
</tr>
<tr>
<td>25 lbs.</td>
<td>7.90</td>
<td>6.00</td>
<td>9.00</td>
<td>5.00</td>
</tr>
</tbody>
</table>

Size | 5/32 inch | 3/32 inch | 1/8 inch | 5/32 inch
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5 lbs.</td>
<td>$1.29</td>
<td>$1.29</td>
<td>$1.29</td>
<td>$0.98</td>
</tr>
<tr>
<td>25 lbs.</td>
<td>6.90</td>
<td>6.90</td>
<td>6.90</td>
<td>4.40</td>
</tr>
</tbody>
</table>

For Sears Easy Terms see trouble free cash coupons.

Since 1925 POWER TOOLS... 41
Quality Accessories for your power equipment

Craftsman Bench Leg Set

$5.50

Set of 4

A Bench Leg Set is a must for every shop. These sturdy, well-constructed legs are designed to provide stability and support for your bench. They are made of rugged steel and feature a non-slip surface to prevent movement. The legs are adjustable to accommodate benches of various heights, ensuring a secure and comfortable workspace.

Sawhorse Brackets

$39

Make your own sawhorse quickly and easily—set up tables, platforms, etc. Brackets made of heavy gauge, rust-resistant plated steel. Electrically welded into one solid unit for strength and rigidity. Tapered design provides a more positive gripping action. All you need is a stand or table and a length of pipe or tubing. The brackets are easy to install and provide a secure base for your sawhorse.

Craftsman Motor Rails

$100

Floating Motor Rail. Use one motor for several tools! Just fasten clips near each tool, and shift motor with rail where needed. With one pair of clips. Set 2 for $1.39

Adjustable Motor Rails. Use where motor is not to be removed. Adjust belts, just loosen bolts, slide motor for belt tension needed; then tighten bolts. Set 2 for $1.35

Line Shaft Accessories . . . accurately machined

A line shaft is used to drive a group of power tools from one permanently mounted motor. In this setup, there are always some loss of power in the various belts and bearings. Because of this, we recommend a 3/8 HP motor or larger to drive a line shaft. The exact HP will depend on the type and number of tools, length of shaft, etc.

Accessories listed below are of very high quality. In some shops, floating rails (listed above) will prove more flexible and practical. We suggest you consider both setups.

Line shafts come in two sizes: 5/8-inch for light tools; 3/4-inch for heavier machines and larger motors. Oil was easily installed in place of plugs.

<table>
<thead>
<tr>
<th>Catalog number</th>
<th>Type</th>
<th>Shop wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 T 2891</td>
<td>5/8-inch x 24-inch Steel Shaft</td>
<td>.1 lb.</td>
<td>.27</td>
</tr>
<tr>
<td>9 T 2869</td>
<td>3/4-inch x 48-inch Steel Shaft</td>
<td>.3 lb.</td>
<td>.50</td>
</tr>
<tr>
<td>9 T 2849</td>
<td>5/8-inch Oil Caps</td>
<td>.1 oz.</td>
<td>.07</td>
</tr>
<tr>
<td>9 T 2839</td>
<td>3/4-inch Rigid Coupling</td>
<td>.5 oz.</td>
<td>.32</td>
</tr>
<tr>
<td>9 T 2829</td>
<td>5/8-inch Line Shaft Collar</td>
<td>.1 lb.</td>
<td>.12</td>
</tr>
<tr>
<td>9 T 2834</td>
<td>3/4-inch Line Shaft Collar</td>
<td>.3 oz.</td>
<td>.18</td>
</tr>
<tr>
<td>9 T 2840</td>
<td>Flexible Coupling (5/8, 15/32 or 1/4 inch)</td>
<td>.5 oz.</td>
<td>.35</td>
</tr>
<tr>
<td>9 T 2828</td>
<td>5/8-inch Bronze bearing Shaft Hanger</td>
<td>1 lb.</td>
<td>1.40</td>
</tr>
<tr>
<td>9 T 2825</td>
<td>3/4-inch Bronze bearing Shaft Hanger</td>
<td>.8 oz.</td>
<td>1.90</td>
</tr>
</tbody>
</table>

Handy Wood Dowel Assortment

For model building, furniture mending, etc. 14 sizes, 1/4 to 5/8-inch diameter. Each rod 14 inches long. Clear-grain hardwood. Set of 14 for 35c

Craftsman Combination Sharpening Stone


<table>
<thead>
<tr>
<th>Catalog number</th>
<th>Size</th>
<th>Shop wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 T 6450</td>
<td>5/8 x 5/8 inch</td>
<td>.1 lb.</td>
<td>.96</td>
</tr>
<tr>
<td>9 T 6451</td>
<td>3/4 x 3/4 inch</td>
<td>.5 lb.</td>
<td>3.25</td>
</tr>
</tbody>
</table>

Medium Fine Slip Stone

DUNAP. Round edge. For gouges and other round shaped tools. Size 4 x 4 x 4 inch. 1/4 to 1/2 inch. 9 T 6454—Shipping weight 12 ounces...

Craftsman Lubricating Oil

For electric motor and general shop use. Will not gum or become sticky. Please state size wanted when ordering.

<table>
<thead>
<tr>
<th>Catalog number</th>
<th>Size</th>
<th>Shop wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 T 6547</td>
<td>1 pint</td>
<td>.08 lb.</td>
<td>19c</td>
</tr>
</tbody>
</table>

Stop-Rust . . . safe to handle

DUNAP. Protects tools from rust. Gives effective protection to metal surfaces where painting isn't desirable. Can be brushed, sprayed, or dipped on. Non-inflammable. 8 oz. can...

42 . SEARS, ROEBUCK AND CO., Home Edition

ROSE TOOLS, INC.
**Bench Vises ... extra Heavy Construction**

**DUNLAP Bench Vise ... good quality priced low**

Don't be misled by Sears low price! You'd expect to pay much more for a sturdy, well-made vise like this. There's rugged, heavy-duty quality built into every detail. Has everything a good bench vise should have — precision workmanship, extra weight, and added strength. This means better performance and longer life in your shop or garage.

Husky, semi-steel body ... much stronger than cast iron ... strongly reinforced at all points of strain. Oversize cold rolled steel U-shaped slide beam fits snugly, yet slides easily; jaws won't wobble ... prevents filings and foreign matter from wearing threads. Smooth working Acme-threaded screw has more threads per inch for a tighter grip.

Replacement oil-tampered and hardened steel jaw faces have deep-cut knurls to assure a firm, strong grip on materials ... hold objects rigidly regardless of shape. The 3½-inch jaws open to 4½ inches.

Swivel base turns left or right a full 180 degrees ... has positive-locking stop contact ... locks securely in any position. Durable, rust-resisting red enamel finish. Actual weight 15½ pounds.

$5.95

99 T 05244 — Shipping weight 17 pounds. Made in U.S.A.

**CRAFTSMAN Bench Vise ... professional quality**

By far the finest vise of this type we've ever sold! You'll have an entirely new idea of vise quality when you see this superb new design and try it. Exquisitely smooth, easy action. Really a beauty to look at ... built for hard, constant duty ... packed with rugged brake strength in every part. Body is strongly reinforced at all points of strain. All parts precision-machined; complete interchangeability is possible.

Hardened and tempered, deep-keyed jaw faces are replaceable to permit longer vise life ... keep a firm, strong grip on the work. Cold rolled steel "U"-shaped slide beam ... fits snugly ... prevents jaw wobble. Beam completely covers the screw to protect it against dirt and filings ... helps maintain the exceptionally smooth, easy action. Acme-threaded steel screw has 6 threads per inch.

New-type, oval-shaped stops at ends of the handle help prevent pinched fingers. Convenient, new-type handle on swivel base eliminates the nuisance of a sliding bar. Swivel base turns full 360 degrees ... locks at any desired angle. Gray enamel finish; jaws, beam, anvil and handles are highly polished.

99 T 05175—3½-inch jaws open 5 inches. Shpg. wt. 29 lbs. Made in U.S.A. $117.75

99 T 05169—4-inch jaws open 5 inches. Shpg. wt. 35 lbs. Made in U.S.A. $137.75

**Bench Screw with Handle**

For replacement in old, worn-out bench vises, or making new woodworkers' vise, fruit presses, etc. Strong steel screw; Acme-cut threads. Standard 35½-inch length, 14-inch hardwood handle.

97 5627—Please state size wanted, 1-inch diameter screw. Shipping weight 3 pounds 8 ounces. $1.65

1½-inch diameter screw. Shipping weight 3 pounds 15 ounces. $1.75

**Woodworkers' Vise**

**CRAFTSMAN.** Heavy semisteel (front and back jaws); smooth around faces; holds for fastening wood faces to jaws if desired. Adjustable bench stop on front jaw. Acme-threaded steel screw assures smooth, accurate movement of the jaws. 3½-inch jaws; open to 10 in.

99 T 05200—Shipping wt. 20 lbs. ... $10.50

Quick-action Woodworkers' Vise. (Not shown.) Similar to above, but half-turn of handle denerages screw; permits jaw to slide back and forth. Turn in opposite direction again to close screw.

99 T 05201—Shipping wt. 20 lbs. ... $12.50

**DUNLAP Clamp Vise**

A splendid little vise for home, shop or farm. Ideal for the repairman who has to carry tools around on the job ... for the home maker ... or for anyone who works in limited space. Easily clamps to bench or table up to 2 inches thick. Twin-guide rod construction and clean-cut screw assures smooth action. Jaws and body of cast steel. Machined jaws meet squarely and give a firm grip. Jaws 3½ inches wide; open 2 inches.

Over-all height (with clamp closed) about 6 inches. Over-all width (with jaws closed) about 4 inches. 9 T 5245—Shipping weight 2 pounds 8 ounces. ... $1.59

9 T 5247—(Not shown). As above, but larger, Jaws 3½ in. wide; open 3½ in. Shpg. wt. 4 lbs. 8 oz. ... $2.75

Why not pay for your equipment while using it? See inside back cover for details on Sears Easy Terms.

**CRAFTSMAN Industrial Machinists' Vises**

$15.75

99 T 05190—Made in U.S.A.

$20.50

99 T 05195

**CRAFTSMAN Solid Base Machinists' Vises**

Cat. No. Jaws Open Shpg. wt. Each

99 T 05190—3½ in. 7 lbs. 15.75

99 T 05195—4 in. 9 lbs. 17.25

99 T 05196—4½ in. 10 lbs. 20.75

99 T 05197—5 in. 12 lbs. 25.00

99 T 05198—5½ in. 15 lbs. 30.50

99 T 05199—6 in. 18 lbs. 37.50

99 T 05200—7 in. 22 lbs. 42.75

99 T 05201—8 in. 28 lbs. 49.75

Why not pay for your equipment while using it? See inside back cover for details on Sears Easy Terms.

**CRAFTSMAN Swivel Base Machinists' Vises**

Cat. No. Jaws Open Shpg. wt. Each

99 T 05190—3½ in. 7 lbs. 15.75

99 T 05195—4 in. 9 lbs. 17.25

99 T 05196—4½ in. 10 lbs. 20.75

99 T 05197—5 in. 12 lbs. 25.00

99 T 05198—5½ in. 15 lbs. 30.50

99 T 05199—6 in. 18 lbs. 37.50

99 T 05200—7 in. 22 lbs. 42.75

99 T 05201—8 in. 28 lbs. 49.75

Why not pay for your equipment while using it? See inside back cover for details on Sears Easy Terms.
"EASI-BILD" full size Patterns

Just 3 simple steps . . . save money, time and effort . . .

TRACE
Place pattern on wood and trace with pencil

CUT OUT
Saw along traced lines with power or handsaw

ASSEMBLE
Put together according to easy-to-follow directions

BUILDINGS

No. 101 Child's Playhouse . . . 60c
No. 28 Dog House . . . 35c
No. 14 Poultry House . . . 60c
No. 101 Garage . . . 30c
No. 910 2 Bedroom House . . . 5.00
No. 13 Hog House . . . 50c
No. 91 Country Cottage . . . 2.00

LAWN AND PORCH FURNITURE

No. 50 Foldaway Chair . . . 25c
No. 55 Foldaway Sletter . . . 35c
No. 37 Lawn Chair . . . 25c
No. 75 Terrace Table . . . 35c
No. 78 Garden Chair . . . 35c
No. 76 Terrace Chair . . . 25c
No. 22 Picnic Table . . . 25c

No. 94 California Sun Set . . . 5.00

EVERY HOME NEEDS

No. 81 Lawn Ornaments . . . 25c
No. 19 Window Box . . . 25c
No. 12 Garden Hatbed . . . 25c
No. 44 Sawhorse Tool Chest . . . 35c
No. 85 Utility Boat . . . 1.00
No. 71 Tool Chest . . . 25c
No. 68 Single or Double Bed . . . 35c

NOW YOU can easily make your own household equipment, toys for the children, lawn or porch furniture, and gifts for your friends . . . with "Easi-Bild" full size Patterns. Build your own home, garage, poultry house and many other necessary out-buildings by using "Easi-Bild" Patterns.

Here's the ideal way to save money and have fun doing it. You'll have a great time making any of these things. Anyone who can drive a nail can build them. It's that simple! "Easi-Bild" Full Size Patterns take all the mathematical mystery out of building furniture, toys, etc. It's the dress pattern idea applied to the flat surface of lumber.

Just three simple steps as described above . . . trace, saw and assemble. No hard-to-read blueprints . . . no puzzling scale drawings . . . but, actual full-size patterns. Every pattern contains a list of needed materials, recommended kind of wood, easy-to-follow, step-by-step directions and assembly illustrations . . . even shows you where to use screws, nails, bolts, etc.

The many things YOU can build with these patterns are shown on these pages, set up. Look them over carefully now and decide the patterns you want. Lumber and materials not included. Price and pattern number listed below each pattern. Postpaid. (Shipping weight & ounces.)

9 17 999 - "Easi-Bild" Full Size Patterns. State pattern number wanted.
Replace worn out V-Belts now!

Faulty, worn out V-belts are costly. Power is wasted because of the increased slipping... they slow down production... they're hazardous to your power tools and other machines. Make them more efficient today with Craftsman V-Belts—the long wearing, true running V-belts. Craftsman V-Belts are built to resist slipping and stretching. They rarely need replacement. Your machines will perform at top efficiency... CRAFTSMAN V-Belts transmit maximum power with minimum friction loss.

Our complete line of Craftsman V-Belts afford you the correct size V-belt for use on all power tools, electric refrigerators, washing machines, water pumps, air compressors, power lawn mowers, floor sanders, lathes, farm machinery, garage and shop power tools.

Get more pulling power, less frictional loss with CRAFTSMAN super-tough, pliable V-Belts

Craftsman V-Belts are expertly made from the finest materials available. Each belt has double layer, closely woven cotton jacket around pliable, heat resistant rubber. Reinforcing cords are pre-treated in liquid rubber.

1/2-inch V-Belts

<table>
<thead>
<tr>
<th>Catalog no.</th>
<th>Length</th>
<th>Shpg. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9T 1627</td>
<td>72 in.</td>
<td>4 oz.</td>
<td>36</td>
</tr>
<tr>
<td>9T 1628</td>
<td>24 in.</td>
<td>4 oz.</td>
<td>50</td>
</tr>
<tr>
<td>9T 1629</td>
<td>30 in.</td>
<td>4 oz.</td>
<td>50</td>
</tr>
<tr>
<td>9T 1630</td>
<td>14 in.</td>
<td>4 oz.</td>
<td>50</td>
</tr>
</tbody>
</table>

3/4-inch V-Belts

<table>
<thead>
<tr>
<th>Catalog no.</th>
<th>Length</th>
<th>Shpg. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9T 1630</td>
<td>20 in.</td>
<td>4 oz.</td>
<td>45c</td>
</tr>
<tr>
<td>9T 1631</td>
<td>26 in.</td>
<td>4 oz.</td>
<td>50c</td>
</tr>
<tr>
<td>9T 1632</td>
<td>31 in.</td>
<td>4 oz.</td>
<td>50c</td>
</tr>
<tr>
<td>9T 1633</td>
<td>37 in.</td>
<td>4 oz.</td>
<td>50c</td>
</tr>
<tr>
<td>9T 1634</td>
<td>43 in.</td>
<td>4 oz.</td>
<td>50c</td>
</tr>
<tr>
<td>9T 1635</td>
<td>49 in.</td>
<td>4 oz.</td>
<td>50c</td>
</tr>
<tr>
<td>9T 1636</td>
<td>55 in.</td>
<td>4 oz.</td>
<td>50c</td>
</tr>
<tr>
<td>9T 1637</td>
<td>61 in.</td>
<td>4 oz.</td>
<td>50c</td>
</tr>
</tbody>
</table>

5/8-inch V-Belts

<table>
<thead>
<tr>
<th>Catalog no.</th>
<th>Length</th>
<th>Shpg. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9T 1638</td>
<td>24 in.</td>
<td>5 oz.</td>
<td>65c</td>
</tr>
<tr>
<td>9T 1639</td>
<td>31 in.</td>
<td>5 oz.</td>
<td>65c</td>
</tr>
<tr>
<td>9T 1640</td>
<td>38 in.</td>
<td>5 oz.</td>
<td>65c</td>
</tr>
<tr>
<td>9T 1641</td>
<td>45 in.</td>
<td>6 oz.</td>
<td>65c</td>
</tr>
<tr>
<td>9T 1642</td>
<td>54 in.</td>
<td>6 oz.</td>
<td>65c</td>
</tr>
<tr>
<td>9T 1643</td>
<td>60 in.</td>
<td>6 oz.</td>
<td>65c</td>
</tr>
<tr>
<td>9T 1644</td>
<td>66 in.</td>
<td>6 oz.</td>
<td>65c</td>
</tr>
<tr>
<td>9T 1645</td>
<td>72 in.</td>
<td>6 oz.</td>
<td>65c</td>
</tr>
<tr>
<td>9T 1646</td>
<td>78 in.</td>
<td>6 oz.</td>
<td>65c</td>
</tr>
<tr>
<td>9T 1647</td>
<td>84 in.</td>
<td>6 oz.</td>
<td>65c</td>
</tr>
</tbody>
</table>

Quarter-inch V-Belts

<table>
<thead>
<tr>
<th>Catalog no.</th>
<th>Length</th>
<th>Shpg. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9T 1721</td>
<td>20 in.</td>
<td>5 oz.</td>
<td>75c</td>
</tr>
<tr>
<td>9T 1722</td>
<td>26 in.</td>
<td>5 oz.</td>
<td>75c</td>
</tr>
<tr>
<td>9T 1723</td>
<td>32 in.</td>
<td>5 oz.</td>
<td>75c</td>
</tr>
<tr>
<td>9T 1724</td>
<td>38 in.</td>
<td>5 oz.</td>
<td>75c</td>
</tr>
<tr>
<td>9T 1725</td>
<td>44 in.</td>
<td>5 oz.</td>
<td>75c</td>
</tr>
</tbody>
</table>

Notched—V-Belt

<table>
<thead>
<tr>
<th>Catalog no.</th>
<th>Length</th>
<th>Shpg. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9T 1747</td>
<td>24 in.</td>
<td>5 oz.</td>
<td>75c</td>
</tr>
<tr>
<td>9T 1748</td>
<td>30 in.</td>
<td>5 oz.</td>
<td>75c</td>
</tr>
<tr>
<td>9T 1749</td>
<td>35 in.</td>
<td>5 oz.</td>
<td>75c</td>
</tr>
<tr>
<td>9T 1750</td>
<td>40 in.</td>
<td>5 oz.</td>
<td>75c</td>
</tr>
<tr>
<td>9T 1751</td>
<td>46 in.</td>
<td>5 oz.</td>
<td>75c</td>
</tr>
<tr>
<td>9T 1752</td>
<td>52 in.</td>
<td>5 oz.</td>
<td>75c</td>
</tr>
</tbody>
</table>

V-belt Couplers

Leather V-Belting

Use this fractional horsepower plainer leather V-belt for rapid replacement on your power tools and other machines. No need to remove machinery to replace belt. Made of two plies of tough, rugged oak-tanned leather cemented together and then sewed down the center. Steel wire hook is included with each length.

<table>
<thead>
<tr>
<th>Length</th>
<th>Shpg. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>9T 2777</td>
<td>20 in.</td>
<td>4 oz.</td>
</tr>
<tr>
<td>9T 2778</td>
<td>26 in.</td>
<td>4 oz.</td>
</tr>
<tr>
<td>9T 2779</td>
<td>32 in.</td>
<td>4 oz.</td>
</tr>
<tr>
<td>9T 2780</td>
<td>38 in.</td>
<td>4 oz.</td>
</tr>
</tbody>
</table>

Wire V-Belt Hooks

Simple and easy to use. Just pass belt over pulleys and insert into hook and clench. That's all there is to connecting leather V-belt sections when you use these convenient wire belt hooks. Made of tough steel music wire. Makes a safe dependable connection. Shpg. wt. of six is 1 oz.

Flexible Coupling

The ideal coupling to use where motor is connected directly to a machine. This sturdy flexible coupling connects motor and machine shafts, and allows for slight misalignment between them. It helps prevent wear on the bearings which might result if a rigid coupling were used. Die cast metal construction. Accurately machined and well finished. Available for use with 5/8 or 3/4-inch shafts. Please state bore size wanted when ordering. Shipping weight 12 oz.

Flexible Coupling Small size. For 5/8 or 3/4-inch belt. Each 1c Large size. For 1/2 or 3/4-inch belt. Each 1c

For Easy Terms see inside back cover

Rose Tools, Inc.
Pulleys for Power Tools, Motors, etc.

CRAFTSMAN Pulleys and V-Belts on your power tools, pumps, etc. save you time and money! Here’s the reason why. V-pulleys and belts are designed to transmit maximum power with a minimum friction loss and slippage. CRAFTSMAN Pulleys give you this, because the grooves are accurately turned to provide a positive non-slip grip for belts. Reduced belt slippage means less power loss . . . therefore quieter operation, less vibration and faster pickup. You accomplish your job faster, more efficiently.

CRAFTSMAN Pulleys and V-Belts are the most economical means of power transmission for power tools. Use CRAFTSMAN single or double groove V-pulleys on bench saws, building saws, band saws, etc. CRAFTSMAN core type V-pulleys give multiple speeds when used in pairs on jig saws, lathes, etc.

REMEmBER—when ordering CRAFTSMAN V-Pulleys be sure to state the exact size of bore wanted.

Gives a snug, non-slip grip.

Table of Pulley Speeds

Use this table to determine the speed of your machine with varying sizes of motor and pulleys. When two sizes are given, use the closest one with belt at proper tension and a motor speed of 1750 R.P.M.

<table>
<thead>
<tr>
<th>Horsepower</th>
<th>Diameter in inches of Pulley or Driven Pulley</th>
<th>Motor Speed (R.P.M.)</th>
<th>Table of Pulley Speeds</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 hp</td>
<td>2, 2-1/8, 2-1/4, 2-1/2, 3</td>
<td>1750</td>
<td>9.0</td>
</tr>
<tr>
<td>1 hp</td>
<td>2-1/2, 3, 3-1/2, 4, 5</td>
<td>1750</td>
<td>11.0</td>
</tr>
<tr>
<td>2 hp</td>
<td>3-1/2, 4, 5, 6</td>
<td>1750</td>
<td>15.0</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, follow down the vertical column along 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 is required.

CRAFTSMAN offers a line of long-wearing, high quality V-pulleys in sizes and types for every requirement. CRAFTSMAN pulleys are scientifically designed for greatest working efficiency and are carefully and accurately manufactured to give you top working performance from your machinery or power tools. All the belt grooves are painstakingly machined to run perfectly true. All bores are reamed to exact size. Please remember that diameters given in the table below refer to outer edge of pulleys, not to bottom of the groove. Before ordering, carefully check diameter and bore size wanted.

Craftsmen single-groove V-pulleys

Made of heavy cast iron. Heavy duty for production work in the shop, household or on the farm. Use to replace single groove V-pulleys on any type electric motor or gasoline engine. Positive grip grooves are expertly machined and CRAFTSMAN single groove V-pulleys have slotted-head, hardened set screws. Standard 5/4-inch (O-section) or 5/4-inch (A-section) wide. 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>Diam. in.</th>
<th>Bore, inch</th>
<th>Shop. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 2207</td>
<td>1-1/2</td>
<td>5/8</td>
<td>9.0</td>
<td>44</td>
</tr>
<tr>
<td>17 2208</td>
<td>2</td>
<td>1</td>
<td>11.0</td>
<td>50</td>
</tr>
<tr>
<td>17 2209</td>
<td>2-1/4</td>
<td>1-1/4</td>
<td>15.0</td>
<td>65</td>
</tr>
<tr>
<td>17 2210</td>
<td>2-1/8</td>
<td>1-1/8</td>
<td>3.5</td>
<td>10</td>
</tr>
<tr>
<td>17 2211</td>
<td>2-1/4</td>
<td>1-1/4</td>
<td>4.0</td>
<td>12</td>
</tr>
<tr>
<td>17 2212</td>
<td>2-1/2</td>
<td>1-1/2</td>
<td>11.0</td>
<td>65</td>
</tr>
<tr>
<td>17 2213</td>
<td>3</td>
<td>1-1/2</td>
<td>11.0</td>
<td>65</td>
</tr>
<tr>
<td>17 2214</td>
<td>3-1/2</td>
<td>1-1/2</td>
<td>15.0</td>
<td>65</td>
</tr>
</tbody>
</table>

Craftsmen two-groove V-pulleys

Made of heavy cast iron, for heavy production work. Use on electric motors or gas engines on industrial, farm, workshop or household machines. Standard keyways. Two slotted, hollow head set screws. With wrench. For V-belts 5/4 (A-section) or 5/4 (B-section) inch wide. State bore size.

<table>
<thead>
<tr>
<th>Cat. no.</th>
<th>Diam. in.</th>
<th>Bore, inch</th>
<th>Shop. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 2280</td>
<td>3-1/8</td>
<td>5/8</td>
<td>7.0</td>
<td>42</td>
</tr>
<tr>
<td>17 2281</td>
<td>3-3/4</td>
<td>5/8</td>
<td>7.0</td>
<td>42</td>
</tr>
<tr>
<td>17 2282</td>
<td>4</td>
<td>3/4</td>
<td>8.0</td>
<td>42</td>
</tr>
<tr>
<td>17 2283</td>
<td>4-1/2</td>
<td>3/4</td>
<td>10.0</td>
<td>42</td>
</tr>
<tr>
<td>17 2284</td>
<td>4-3/4</td>
<td>3/4</td>
<td>12.0</td>
<td>42</td>
</tr>
<tr>
<td>17 2285</td>
<td>5</td>
<td>1-1/2</td>
<td>15.0</td>
<td>65</td>
</tr>
<tr>
<td>17 2286</td>
<td>5-1/2</td>
<td>1-1/2</td>
<td>15.0</td>
<td>65</td>
</tr>
<tr>
<td>17 2287</td>
<td>6</td>
<td>1-1/2</td>
<td>19.0</td>
<td>65</td>
</tr>
<tr>
<td>17 2288</td>
<td>6-1/2</td>
<td>1-1/2</td>
<td>28.0</td>
<td>65</td>
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</tbody>
</table>

Craftsmen hubless V-pulleys


<table>
<thead>
<tr>
<th>Cat. no.</th>
<th>Dia. in.</th>
<th>Bore, inch</th>
<th>Shop. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 2001</td>
<td>3</td>
<td>5/8</td>
<td>6.0</td>
<td>30</td>
</tr>
<tr>
<td>17 2002</td>
<td>3-1/2</td>
<td>5/8</td>
<td>6.0</td>
<td>30</td>
</tr>
<tr>
<td>17 2003</td>
<td>4</td>
<td>3/4</td>
<td>8.0</td>
<td>42</td>
</tr>
<tr>
<td>17 2004</td>
<td>4-1/2</td>
<td>3/4</td>
<td>10.0</td>
<td>42</td>
</tr>
<tr>
<td>17 2005</td>
<td>4-3/4</td>
<td>3/4</td>
<td>12.0</td>
<td>42</td>
</tr>
<tr>
<td>17 2006</td>
<td>5</td>
<td>1-1/2</td>
<td>15.0</td>
<td>65</td>
</tr>
</tbody>
</table>

Craftsmen cone type V-pulleys


<table>
<thead>
<tr>
<th>Cat. no.</th>
<th>Dia. in.</th>
<th>Bore, inch</th>
<th>Shop. wt.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 2108</td>
<td>3-1/2</td>
<td>5/8</td>
<td>10.0</td>
<td>42</td>
</tr>
<tr>
<td>17 2109</td>
<td>4</td>
<td>3/4</td>
<td>12.0</td>
<td>42</td>
</tr>
<tr>
<td>17 2110</td>
<td>4-1/2</td>
<td>3/4</td>
<td>14.0</td>
<td>42</td>
</tr>
<tr>
<td>17 2111</td>
<td>4-3/4</td>
<td>3/4</td>
<td>16.0</td>
<td>42</td>
</tr>
<tr>
<td>17 2112</td>
<td>5</td>
<td>1-1/2</td>
<td>19.0</td>
<td>65</td>
</tr>
</tbody>
</table>

ROSE TOOLS, INC.
ROSE TOOLS, INC.

$43.00
Without Motor

$4.50
CASH

DOWN...

ON TERMS

ROSE TOOLS, INC.

"80" Power Hack Saw

Heavy duty model ... semi-automatic ... cuts accurately unattended

Save time ... save labor ... reduce operating costs ... speed up production ... when you use this CRAFTSMAN "80" Power Hack Saw. Ideal for plumbers, electricians, garages and other metal workers.

Extra large capacity. This power hack saw makes cuts on material up to 4 in. at 90° ... makes angles cuts 90 to 45°. It will cut iron, steel, brass, aluminum, etc.; quickly and accurately. It has a 5-inch stroke; 60 strokes per minute; at 400 R.P.M.

Fully automatic. The CRAFTSMAN "80" makes cuts alone while you work at other jobs. Just place material in quick-locking vase, adjust for correct angle and turn on the power. That's all there is to it. Draw cut action lifts blade from the work on the return stroke. Gives a clean, accurate cut, ... adds many hours of service to the life of the blade.

Rugged construction. Shafts run on extra large bronze oilite bearings. Slide and arm made of special wear-resistant cast semi-steel. Arm pivot is cone type; adjustable construction. Oiled through spring oilers.

SPECIFICATIONS:
- Capacity, maximum: 4 in.
- Angle cuts: 90 to 45 degrees
- Bearings: Bronze, oilite
- Length of blade: 12 in.
- Width of blade: 1½ in.
- Machine pulley (included): 6½ in.
- Motor pulley (not included): 1½ in.
- Motor recommended: 1 HP. 1725 R.P.M.
- Base size: 6²/₄ inches
- Mounting dimensions: 5½ x 19½ inches
- Over-all dimensions: height 10 inches; width 9 inches; length (extended) 29 inches (not extended) 26 inches.

99 TM 7294. Without motor. Shipped wt. 60 lbs. $43.00

99 TM 7285. With 1½ HP. 1750 R.P.M., split phase ball bearing 110-120 volt A.C. motor. Shipped wt. 90 lbs. $61.50

99 T 6582. CRAFTSMAN. 12 inch power hack saw blade. Special tool steel, 14 or 18 teeth per inch. Single choice: standard. Shipped wt. 3 oz. $2.00 for 96c

Transparent Plastic Utility Boxes

Don't mislay those small machine, radio or electrical parts! Store them safely in one of these transparent plastic boxes. The ideal container for holding hobby shop items, fishing tackle—flies, lures, hooks, etc.; tools, screws, nails, washers, etc. They're so convenient and handy ... a real time saver. Exceptionally lightweight. Thick transparent plastic walls keep items separated, yet easy to find without opening the box. Dirt and dust-free! Have snag covers with smooth working hinges. Available in various sizes with various size compartments. See small views above for the types available.

Catalog No. Compartments Length Width Depth Shipped wt. Each

4½ in. 2½ in. 1 in. 8 oz. 65c
9 6½ in. 7 in. 3½ in. 1½ in. 9 oz. 85c
12 8½ in. 8 in. 3½ in. 1½ in. 11 oz. $1.09
2 9 6½ in. 9 in. 4½ in. 1½ in. 11 oz. 1.09

Tool Cabinet

Handy four-drawer tool cabinet. Ideal for storing small tools and parts. Drawer fronts have useful index card holders and pull out handles. Made of 24-gauge sheet steel, electrically welded and treated. Dimensions: length 10 in.; width 7½ in.; height 8½ in. Each of four drawers, 7½ x 10 x 1½ in., have 12 partitions that are adjustable and removable. Smooth machinery gray finish. Shipped wt. 8 lbs. 9 T 6531. $4.79

Mechanics' Tool Box

CRAFTSMAN quality. Size of tool box: 20½ x 12½ x 1½ inches. Holds 75 to 100 sockets and socket wrench parts. Has sufficient room for all the tools a mechanic will need for the job. Made of 22-gauge steel, electrically welded for added strength. All edges are rounded for protection. Equipped with full length, easy-action piano-type hinge. The large, partitioned, lift-out "tote" tray is excellent for keeping small tools in order. Has two lever-type latches and a hasp with padlock eye. Cover has heavy aluminum handle for easy carrying. Machinery gray rust-resistant finish. Shipped wt. 11 lbs. 99 T 06512. $4.55

Carpenters' Tool Box

CRAFTSMAN. Size 30 x 14 x 10 inches. Large enough to hold a full set of carpenter's tools. Splendid for mechanics and plumbers who use long tools. Made of 22-gauge steel with 20-gauge steel end plates; electrically welded. Edges rounded for safety. Divided tray for storing small tools. Equipped with wood saw clips in both top and bottom to hold four handsaws. Metal handles on both ends and on top. Full-length piano-type hinge. High quality lock and keys. Extra strong hop-type side hinges. Rust-resisting machinery gray finish. Shipped wt. 20 lbs. 99 T 06517. $7.50
All Power Tools and Accessories can be bought on

SEARS EASY PAYMENT PLAN

Only 10% down . . . . . . EASY TERMS AS LOW AS

$5

A MONTH

You, like thousands of our customers, will find our Easy Payment Plan a convenient, economical way to get the power tools and accessories you want now . . . to use and enjoy while paying for them over the months ahead.

You don’t have to have all ready cash, nor is it necessary to disturb your savings to buy Craftsman power tools and accessories . . . the better quality merchandise . . . from this 1948 Power Tool catalog because everything we sell regardless of price is available on Easy Terms. A small down payment with your purchase and the balance inconvenient monthly payments brings you the things you need when you need them.

Buy at Sears to save . . . use Sears Easy Payment Plan to buy . . . it’s easy to open an account.

How to purchase on Sears Easy Terms

If you are buying through one of our retail stores or retail offices, our salespeople will handle your purchase quickly and courteously. If you wish to order direct from our mail order house, list the tools you wish to order on an Order Blank. Total the cash prices. Be sure your order is for $10 or more. Fill in the answers to the Easy Payment questions and sign. Enclose a check or money order for the required down payment and mail your order to Sears nearest mail order house.

For amount payable monthly

Consult the Payment Table at the right. The monthly payment is only $5 for an unpaid balance up to $55. Many of your tool and shop needs can be filled on one Easy Payment order without increasing the amount you pay each month.

Additional purchases

Once you have an open account on our books you’ll find it a real convenience. When you need new tools, accessories, or supplies, you may add them to your account—in most cases with no down payment and no increase in your monthly payments. You need not make any Down Payment with your “add-on” orders. Just give your account number and say, “Add it to my account.”

MONTHLY PAYMENT TABLE

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