**WORLD'S MOST COMPLETE LINE OF POWER TOOLS**

<table>
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<th>Category</th>
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<th>Page Numbers</th>
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| Flexible Shaft Grinders | 22 | **SEARS, ROEBUCK AND CO.**

Z-2
I've Got the Most Interesting Job in America

A. E. Taylor
Buyer of Power Tools; Sears, Roebuck and Co.

Sears Power Tools Sold On Easy Terms
If your order amounts to $10 or more, you can buy your power tools at Sears on Easy Terms. If you wish to use Easy Terms at one of our retail stores, ask for information about our Easy Payment Plan. For mail orders, refer to your Sears General Catalog for Easy Payment information.

Repair Parts Always Available
Should you ever need repair parts for any Sears power tool you can depend on us for speedy service. Repair parts are easy to order because every part is numbered.

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

4 Easy Ways To Shop at Sears and Save

1. AT HOME BY MAIL—Just pick out the tools you want from this catalog, fill out the order blank, and mail it together with your remittance. Sears guarantees satisfaction.

2. AT HOME BY PHONE—Pick out the tools you want. Then call the Telephone Order Department at your nearest Sears store. We'll send your order C.O.D.

3. AT CATALOG ORDER DESK—There's one in all Sears stores. Our clerks will assist you in filling out your order. You save letter postage and money order fees.

4. IN RETAIL STORES—All the advantages of retail service! Competent salespeople to aid you—all the convenience of the counter buying—and quick home delivery.

It all started when I was a kid and my grandfather, a master carpenter, gave me an old hand scroll saw and said I could use his workbench in the basement. From that day on, that workbench was my playground—and my playthings were Gramp's old saw, a dilapidated hammer and a couple of old, rusty chisels. Of course I wanted a lathe—but you know how much a lathe cost in those days! You had to be the next best thing to a millionaire to pay the $60 or $75 asked for them!

It wasn't until I went to college that I got acquainted with the 'big stuff'—real machine tools. After I got my degree in Engineering, I worked for a time in a machine shop and then demonstrated Power Tools for several years. It was in this way that I learned that industry and home workshop, alike, had a crying need for precision-built, moderate-priced Power Tools.

I guess all of us have at least one 'big moment' in our lives. Mine came when Sears, Roebuck and Co. picked me to be their Buyer of Power Tools. If you're a dyed-in-the-wool Power Tool enthusiast, you'll understand what I mean when I say I've got the most interesting job in America!

Now that I'm with Sears I can't help but think of the advantages of the American youth of today. For today—at Sears—that $60 lathe I longed for in my own youth can be yours for as little as $15! And it's a whole lot better lathe, too!

Fine tools have always been my first love. And I feel that I know what you fellows want—for I'm one of you fellows myself. So when you Power Tool users look through this catalog, just remember that there's a guy at Sears who thinks the way you do and knows what you're after... and that he's put everything he's got into the development and selection of the finest lot of Power Tools to be found anywhere—at any price!
Sawing on a tilting blade saw is ALWAYS faster—easier—better! Table is never tilted. Work always lies flat, regardless of the angle at which board is being cut.

Extra-large table top! Extensions (which are included) give a working surface of 26 x 28 in. This assures perfect support for large work.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Height</td>
<td>42 in.</td>
</tr>
<tr>
<td>Overall Width</td>
<td>30 1/4 in.</td>
</tr>
<tr>
<td>Overall Length</td>
<td>36 in.</td>
</tr>
<tr>
<td></td>
<td>36 1/4 in.</td>
</tr>
<tr>
<td>Blade Diameter</td>
<td>9 in.</td>
</tr>
<tr>
<td>Blade Bore Type</td>
<td>9/16 in.</td>
</tr>
<tr>
<td>Depth of Cut (Max)</td>
<td>3 in.</td>
</tr>
<tr>
<td>Blade Tilt</td>
<td>0 to 45°</td>
</tr>
<tr>
<td>Distance in Front of Blade (Max)</td>
<td>13 in.</td>
</tr>
<tr>
<td>Length Rip Fence</td>
<td>23 in.</td>
</tr>
<tr>
<td>Rip Fence Slide Bar Graduated</td>
<td>0 to 17 in.</td>
</tr>
<tr>
<td>Bearings</td>
<td>2: SKF ball</td>
</tr>
<tr>
<td>Table Size, Extensions (Extensions Included)</td>
<td>28 x 28 in.</td>
</tr>
<tr>
<td>Speed</td>
<td>3450 R.P.M.</td>
</tr>
<tr>
<td>Motor Recommended</td>
<td>3/4 or 1-H.P., 3450 R.P.M.</td>
</tr>
<tr>
<td></td>
<td>99 PT 1970 or 99 PT 5605</td>
</tr>
<tr>
<td>Motor Pulley Supplied</td>
<td>21 5/8 in.</td>
</tr>
</tbody>
</table>

9-IN. BLADE TILTS 45 DEGREES

- Fancy tooth combination rip and crosscut blade gives full 3-inch depth of cut
- Saw blade and motor tilt any angle to 45 degrees; raise and lower
- Equipped with deep grooved, high-speed precision SKF ball bearings
- Floor type base is designed for greatest rigidity and stability

CRAFTSMAN does it again! Thousands of craftsmen have long wanted to own a big, floor-type, tilting-blade saw—but the cost has always been too high. Now CRAFTSMAN engineers and Sears tremendous purchasing power combine to bring you this fine tool at a price that has never been approached before! Compare it with $100.00 saws!

Heavy duty precision construction throughout! Meets the exacting demands of master craftsmen and large industrial plants. Notice that it's complete! The tilting guard, kickbacks, splitter, table extensions and miter gauge—all are included at this one low price—and even more, this saw is built to take a standard motor. You don't have to buy an expensive special motor to fit it.

There is no finer blade tilting mechanism made! Massive trunnions carry the entire tilting device. Motor is counterbalanced for ease in operation.

Belt is never twisted. Angle of tilt and depth of cut are positively controlled by easy-winding hand wheels. Accurate gauges show depth and angle of cut.

The SKF ball bearings are packed in grease and sealed against dirt and sawdust. Table is heavy, well ribbed and ground to a perfect finish. Front extension is ground gray iron and side extensions are heavy gauge steel. Rip fence is rigid, self-squaring type—has feed screw control with vernier adjustment which permits adjusting width of cut to 3/4 inch. Indexed miter gauge is fitted with adjustable stop rods. Snap-out door is provided in base for sawdust removal.

99 PTM 2182—Without motor. Shipping weight, 215 pounds.................. $67.75
99 PTM 2184—As above, with 3/4-H.P. 3450 R.P.M. 110-120 volt 60-cycle A.C. condenser motor. Shipping weight, 260 pounds.................. $92.00
It is easy to cut a board at an angle on CRAFTSMAN Tilting Blade Bench Saws. Table is never tilted. Work lies flat regardless of angle at which board is cut. This means faster, easier, safer, BETTER work.

The elevating gears and rack are fully enclosed by 2 sheet steel guard bars. These have been removed in the illustration to show the arrangement of gears which control the tilting mechanism.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>99PTM2236</th>
<th>99PTM2237</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Height</td>
<td>17½ in.</td>
<td>16 in.</td>
</tr>
<tr>
<td>Overall Width</td>
<td>25 in.</td>
<td>27 in.</td>
</tr>
<tr>
<td>Overall Length</td>
<td>33 in.</td>
<td>42 in.</td>
</tr>
<tr>
<td>Blade Length</td>
<td>6 in.</td>
<td>10 in.</td>
</tr>
<tr>
<td>Depth of Cut</td>
<td>2½ in.</td>
<td>3¾ in.</td>
</tr>
<tr>
<td>Bearings</td>
<td>2½SKF 2½SKF</td>
<td>2½SKF 2½SKF</td>
</tr>
<tr>
<td>Table Size</td>
<td>20x16 in.</td>
<td>27x20 in.</td>
</tr>
<tr>
<td>Table Size, with Extensions (Extensions not included)</td>
<td>32x28 in.</td>
<td>34x30 in.</td>
</tr>
<tr>
<td>Speed</td>
<td>3450 R.P.M.</td>
<td>3450 R.P.M.</td>
</tr>
<tr>
<td>Motor</td>
<td>1½ HP.</td>
<td>1½ HP.</td>
</tr>
<tr>
<td>Motor Recommended</td>
<td>1½ HP., 2450 R.P.M.</td>
<td>1½ HP., 2450 R.P.M.</td>
</tr>
<tr>
<td>Machine Pulley</td>
<td>2½ in.</td>
<td>2½ in.</td>
</tr>
<tr>
<td>Motor Pulley</td>
<td>2½ in.</td>
<td>2½ in.</td>
</tr>
<tr>
<td>Metal stand</td>
<td>16 x 10½ in.</td>
<td>16 x 10½ in.</td>
</tr>
</tbody>
</table>

**Saw blade (not the table) tilts any angle to 45 degrees, and raises and lowers.**

- Massive trunnions carry the entire tilting device. Motor is counterbalanced; tilts, raises and lowers with blade. Belt is never twisted. No finer tilting mechanism model.

This great CRAFTSMAN tilting blade bench saw has gained tremendous popularity with craftsman all over America! And no wonder! You can't begin to match it within $25.00 of Sears price!

The tilting mechanism in the CRAFTSMAN is unsurpassed by any other bench saw at ANY price! Blade and arbor are carried in a heavy cradle on massive trunnions. Angle of tilt and depth of cut are positively controlled by easy-acting hand wheels. Accurate gauges show depth and angle of cut and width of rip. Slide bolt under front of table locks both raising and tilting mechanisms. Heavy, robust table is ground to a fine finish. Rip fence is rigid, self-squaring type—has feed screw control with vernier adjustment to ¼ inch. Accurately indexed miter gauge is fitted with adjustable stop rods. Blade is finest CRAFTSMAN plain tooth combination cross cut and ripping type.

**8-INCH TILTING BLADE**

- **Extension Tables for Large Work**
  - **Front Extension**: With fittings and wood rip fence facing.
    - 99 PTM2237—For 99 PTM2237 Bench Saw. 20½ inches wide. Given 17½ in. in front of blade. Shipping wt., 18 lbs.
  - **Side Extensions**: Available only with front extensions above.
    - 99 PTM2236—For 99 PTM2236 Bench Saw. Each, 6½ in. wide. Shipping weight, 7 lbs. 2 side extensions...
    - 99 PTM2237—For 99 PTM2237 Bench Saw. Each, 7½ inches wide. Shipping weight, 8 lbs. 2 side extensions...
8-Inch Blade . . . Tilting Table

- 8-inch plain tooth combination rip and crosscut blade. Depth of cut, 0 to 2 1/2 inches.
- Precision SKF ball bearings, packed in grease and sealed against grit and dirt.
- Exclusive "roll-over" rip fence rolls out of way and gives greater table surface.
- Table tilts any angle to 45 degrees on oversize tongue and groove type turrets.

This Craftsman bench saw with the exclusive "roll-over" fence is an ideal choice for the craftsman who wants a sturdy, accurate tool.

It incorporates many practical features for ease in handling. For example—no other bench saw in the world at any price has a rip fence like this! When it is moved to the end of the front bar, it strikes a stop and pivots down flat, level with the table surface. There's no need to remove it for crosscutting. And even more, in the rolled over position it acts as a table extension. There is a built-in vernier adjustment for making the fence level with the table or for setting it to any cut desired.

This saw has famous Craftsman quality in every detail of construction! The heavy rib-braced cast-iron table measures 15 1/4 x 18 1/4 inches and is smoothly ground. Has removable insert for dadoing. Table tilting mechanism is controlled by a hand wheel and a self-locking screw—can be manually locked if desired. The 8-inch blade can be raised and lowered for any depth of cut from 0 to 2 1/2 inches. Miter gauge has indexing device and stops for important angular positions. The automatic-leveling double-pivot guard (see small illustration above at right) costs us more than an ordinary guard, but it is far more efficient.

All controls are equipped with accurate gauges—indicating depth of cut, depth of dado cut, angle of tilt of table, angle of miter gauge and width of rip.

Specifications

<table>
<thead>
<tr>
<th>Over-all Weight</th>
<th>13 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over-all Width</td>
<td>20 in.</td>
</tr>
<tr>
<td>Over-all Length</td>
<td>26 in.</td>
</tr>
<tr>
<td>Blade Size</td>
<td>8 in.</td>
</tr>
<tr>
<td>Depth of Cut</td>
<td>2 1/2 in.</td>
</tr>
<tr>
<td>Distance in Front of Blade</td>
<td>3 1/4 in.</td>
</tr>
<tr>
<td>(With Extensions)</td>
<td>8 in.</td>
</tr>
<tr>
<td>Bearings</td>
<td>2 1/8 in. SKF ball</td>
</tr>
<tr>
<td>Table Size</td>
<td>15 1/4 x 18 1/4 in.</td>
</tr>
<tr>
<td>Table Size With Extensions</td>
<td>26 1/2 x 24 in.</td>
</tr>
<tr>
<td>Speed Recommended</td>
<td>4000 R.P.M.</td>
</tr>
<tr>
<td>Motor Recommended</td>
<td>1/2 H.P.</td>
</tr>
<tr>
<td>Machine Pulley Supplied</td>
<td>2 in.</td>
</tr>
<tr>
<td>Motor Pulley Recommended</td>
<td>2 1/4 in.</td>
</tr>
<tr>
<td>Mounting Dimensions (Center to center of holes in base)</td>
<td>8 1/2 x 13 in.</td>
</tr>
</tbody>
</table>

Sanding and Cutting Discsand

Companion 4-In.Dados

Simplified 5/8-Inch Dado Saws

Craftsman 6-Inch Dado Saws

Extension Tables For Large Work

For bench saw 99 PT 2176, above. Fits perfectly and protects solid working surface. Kit includes 2 front extensions, 2 side extensions, extension to lengths rip fence, necessary support bars, bolts and fittings. Front extensions are gray iron, ground, polished. Steel side extensions. Given a total working area 28 1/4 x 24 1/4 x 5/8 in. Base size 31 lbs.

For bench saw 99 PT 2178, above. Fit perfectly and protect solid working surface. Kit includes 2 front extensions, 2 side extensions, extension to lengths rip fence, necessary support bars, bolts and fittings. Front extensions are gray iron, ground, polished. Steel side extensions. Given a total working area 28 1/4 x 24 1/4 x 5/8 in. Base size 31 lbs.

Page 3

$28 95

99 PT 2176

Double pivot arrangement allows the efficient guard to move back and up as work moves into it. Guard may be tilted back out of way. Note the fully enclosed spring loaded kick backs.
NEW AND IMPROVED
COMPANION
BENCH SAWS

$9.25
99 PT 2169

$15.45
99 PT 2167

7-Inch...Heavy Duty
- High grade 7-in. plain tooth combination blade
- 161/4 x 121/4-in. table fits any angle to 45°
- Massive base completely encloses mechanism
- Dual control rip fence locks at both ends

Compare the features...the size...the weight! See how far superior it is to any bench saw you have EVER seen at this price! It actually compares with saws selling for $22 or more!

Cuts through the hardest wood with ease. Auto-lubricating bronze bearings filter all oil supplied to saw arbor. Journals are protected against particles of foreign matter. Depth of cut is easily adjusted by ball crank and gear mechanism, which raises and lowers table. Accurate gauges show depth of cut and angle of tilt. Semi-steel table is carefully ground and heavily ribbed for greatest strength. Removable insert for dadoing. Easily-adjusted guard is mounted on splitter. Adjustable miter gauge. Shipping weight, 49 pounds.

99 PTO 2171—Without motor $15.45
99 PTO 2172—As above but with 99 PTO 2600 motor on Page 39, 4-inch motor pulley, and 42-inch V-belt. Shipping weight, 78 pounds $26.25

SPECIFICATIONS

<table>
<thead>
<tr>
<th>99 PT 2160</th>
<th>99 PTO 2171</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over-all Height</td>
<td>11 1/2 in.</td>
</tr>
<tr>
<td>Over-all Width</td>
<td>10 1/2 in.</td>
</tr>
<tr>
<td>Over-all Length</td>
<td>16 1/4 in.</td>
</tr>
<tr>
<td>Blade Size</td>
<td>7 in.</td>
</tr>
<tr>
<td>Depth of Cut</td>
<td>2 1/2 in.</td>
</tr>
<tr>
<td>Bearings</td>
<td>Bronze</td>
</tr>
<tr>
<td>Table Size</td>
<td>13/4 x 14 1/4 in.</td>
</tr>
<tr>
<td>Table Size, With Extensions (Not supplied)</td>
<td>23 1/2 x 16 in.</td>
</tr>
<tr>
<td>Speed</td>
<td>4,000 R.P.M. (2500 R.P.M.)</td>
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<tr>
<td>Motor</td>
<td>1/4 or 1/2 H.P., 3500 R.P.M.</td>
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<tr>
<td>Machine Pulley Supplied</td>
<td>9 in.</td>
</tr>
<tr>
<td>Motor Pulley Recommended</td>
<td>2 1/2 in.</td>
</tr>
<tr>
<td>Recommended Mounting Dimensions</td>
<td>5 1/2 x 8 5/8 in.</td>
</tr>
<tr>
<td>Mounting Dimensions</td>
<td>6 x 9 1/2 in.</td>
</tr>
</tbody>
</table>

Extension Table for Large Work
Accurately made, carefully finished. For 99 PTO 2171 saw above. Fits perfectly, provides a larger working space. Set includes 2 steel side extensions, each 5 1/2 inches by 15 1/4 inches, with all necessary support bars and fittings for attaching to machine. Will accommodate rip fence. Fits easily to saw. Total working area, 23 1/2 inches wide by 10 1/2 inches long. Add these extensions and you'll have a machine that can handle jobs which would ordinarily overload the capacity of a larger saw. Shipping weight, 5 pounds.

99 PTO 2174 $4.75

Dust Collecting Outfit
This convenient accessory will keep your workshop clean and neat. With this outfit sawdust that ordinarily goes flying about the room collects in dust bag, attached to end of chute. Set consists of dust guard (A) and sawdust chute (B) for attaching to base of the 99 PTO 2171 bench saw listed and illustrated above. Shipping weight, 5 pounds.

99 PTO 2246 $1.45

Machine Stand
An ideal stand for either of the bench saws listed on this page. New! Modern streamlined design! Fully enclosed! Heavy construction throughout for maximum rigidity and freedom from vibration. Convenient snap door in front. If under-drive is desired for a tool, it can easily be accomplished by mounting a wooden shelf inside the cabinet and mounting the motor on it. Complete instructions for doing this are furnished with each stand. Over-all dimensions: top, 12 x 22 inches; 31 inches high. Attractive blue finish. Shipping weight, 40 pounds.

99 PTO 2790 $8.45

Page 4

www.OzarkToolManuals.com
NEW TYPE BAND SAW
GREATER CAPACITY
AT LOWER COST!

Notice how the sensational new 3-wheel construction gives this saw a full 12-inch throat on 1-inch material—permitting it to cut in the center of a 34-inch circle! And don't forget—this amazing tool actually costs less than 1/2 the usual price of a standard band saw with a 12-inch capacity!

COMPANION
ANNOUNCES
A PERFECTED
3-WHEEL BAND SAW

$15.45

A Quality Tool With a Full 12-Inch Capacity

- New 3-wheel design makes possible a saw with 12-in. throat at moderate cost
- Newly developed high chrome-manganese alloy steel blades last MUCH longer
- Auto-lubricated bronze bearings in wheels and guides for long life
- Entire mechanism completely enclosed.

Sears do it again! Never before, in power tool history, has there been a tool like this! It's one of the most revolutionary developments EVER made in band saw design!

Think of getting a saw that will cut to the center of a 34-inch circle, at this price! Only Sears exclusive new 3-wheel construction makes it possible! And even more—in order to perfect this type of saw, we've developed an amazing new high chrome-manganese alloy steel blade which will last MANY times longer than an ordinary blade! No other band saw in the world has a blade like it!

The COMPANION follows the latest trend of automotive design, with its rugged gray iron frame enclosed in a streamlined casing of heavy steel. The entire working mechanism is enclosed, making this one of the safest band saws ever placed on the market. The rubber cushioned bronze bearing wheels are completely covered, and if the blade should ever break, it's inside the casing where it can't fly out and do any harm!

Notice that it has a full 4-inch depth of cut under guide. Table tilts any angle to 45 degrees. There are saw blade guides both above and below table, each with two auto-lubricating bronze guides and one thrust wheel. Upper wheel may be raised for adjustment of blade tension, and may be tilted to make blade track correctly. Patent applied for. Shpg. wt., 75 lbs.

89 PTM 2334 — COMPANION 3-Wheel Band Saw ........ $15.45
12- IN. FULLY ENCLOSED

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td>Overall Height (Without Stand)</td>
<td>26 in.</td>
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<tr>
<td>Overall Width</td>
<td>12 1/2 in.</td>
</tr>
<tr>
<td>Overall Depth</td>
<td>14 in.</td>
</tr>
<tr>
<td>Width of Blade (Standard Equipment)</td>
<td>1/4 in.</td>
</tr>
<tr>
<td>Length of Blade</td>
<td>60 in.</td>
</tr>
<tr>
<td>Depth of Cut</td>
<td>6 1/2 in.</td>
</tr>
<tr>
<td>Bearings</td>
<td>6; SKF ball</td>
</tr>
<tr>
<td>Size of Wheels</td>
<td>12 1/4 in.</td>
</tr>
<tr>
<td>Table Size</td>
<td>10 1/2 in. x 14 in.</td>
</tr>
<tr>
<td>Table Size (With wood extension)</td>
<td>14 x 16 in.</td>
</tr>
<tr>
<td>Speed</td>
<td>1250 R.P.M. or 1870 ft. per minute</td>
</tr>
<tr>
<td>Motor</td>
<td>99 PT 2055 or 99 PT 1955; 1/2- or 1/4-H.P. or Condenser type</td>
</tr>
<tr>
<td>Machine Pulley supplied</td>
<td>5 in.</td>
</tr>
<tr>
<td>Motor Pulley Recommended</td>
<td>99 PT 2789</td>
</tr>
<tr>
<td>Mounting Recommended</td>
<td>99 PT 2789</td>
</tr>
<tr>
<td>Mounting, recommended</td>
<td>Metal stand</td>
</tr>
</tbody>
</table>

$31.50
Less Motor and Stand

- New fully enclosed design for utmost safety
- Two precision SKF ball bearings in dustproof housings in each wheel
- New extra heavy wheels for smooth operation
- Easily handles stock up to 6 1/4 inches thick
- Large, 12 1/2 in. x 14 in., reinforced gray iron table fits any angle up to 45 degrees

Entirely new! Greatly improved! The finest 12-inch band saw we have ever sold! Has features and operating advantages you’ll find in no other 12-inch band saw in the world at ANY price! Notice Sears exclusive enclosed design! It gives the saw a beautiful sleek and streamlined appearance—but for more important, it makes it one of the safest band saws ever built!

Folows the latest automotive design! A heavy steel column and husky gray iron castings form an extra-stong frame which is completely covered by the heavy gauge steel casing. The rubber faced gray iron wheels have great weight which gives them a flywheel effect for amazingly smooth operation, even on deep cuts. Ball bearing saw guides both above and below table have oil-impregnated bronze blocks which increase life of blades. Upper wheel may be raised or tilted for adjustment of blade.

99 PTM 2377—Less motor and stand. Shipping weight, 100 pounds. $31.50
99 PTM 2341—As above, but with 1/4-H.P. motor. 99PTM2055 on Page 58. Shng. wt., 136 lbs. $42.95
99 PTM 2789—Enclosed stand, as illustrated. For above band saw. Described on Page 63. Shipping weight, 47 pounds. $3.45

CRAFTSMAN Band Saw Blades
  99 PT 2823—For wood cutting. 1 1/4 in. long. $89c
  99 PT 2624—For spring temper for cutting brass, etc. 14 in. width. $89c
  99 PT 2625—For cutting steel, etc. 14 in. width. $89c
- For standard model 99 PTM 2341 Band Saw. 79 in. long.
  99 PT 2657—For wood cutting. 1 1/4 in. 1 3/4 in. or 14 in. length. $89c
  99 PT 2665—For spring temper for cutting brass, etc. 14 in. width. $89c
- Rip Fence for Above Band Saw
  99 PT 2843—Useful for straight cuts on thin pieces. $2.60
NEW! CRAFTSMAN BUILDERS’ SAW
NOW IT’S EASY TO CUT LONG PIECES OF LUMBER

NO OTHER SAW IN THE WORLD LIKE IT!

- Heavy duty construction throughout...designed for steady production use.
- 8-inch combination rip and crosscut blade gives full 2¼-inch depth of cut.
- CRAFTSMAN precision ball bearings; packed in grease, sealed against dirt.

Never before, in the history of power tools, has there been a saw combining all the features of this great new CRAFTSMAN! You know how hard it is to do accurate cut-off work on an ordinary circular saw when you must slide long, heavy lumber into the blade. But here, at last, is a moderate priced saw on which the lumber remains stationary as the blade cuts it off! Blade may be locked in either of two positions for ripping.

A practical contractor gave us the idea for this saw when he said he badly needed such a tool—but couldn’t find it anywhere. We originally planned it for contractors and builders—but it has been developed to such a point that it is now also the ideal saw for factories, shipping rooms, home shops, or for anyone handling large lumber.

The entire unit is designed for easy portability. Legs and motor are removable for transportation. Rigid steel frame handles to make moving easy. Depth of cut is easily adjustable, and is shown by gauge. Rip fence locks at both ends. Heavy steel table has removable insert for dadoing.

Will be available about May 15, 1940. Minor changes in design may be found necessary as tooling progresses, but all basic dimensions and features are correct as stated.

Patent applied for. The board extensions, which are shown in some of the illustrations, are not included.

99 PTM 2151—Without motor. Shipping weight, 160 lbs. ......... $39.50
99 PTM 2157—With 1 ½-H.P. 3450 R.P.M. M. centrifugal motor 90 PT 1970 (on page 38). Shipping weight, 235 lbs. ......... $65.00

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Over-all Height</th>
<th>46 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over-all Width</td>
<td>35 in.</td>
</tr>
<tr>
<td>Over-all Length</td>
<td>40 in.</td>
</tr>
<tr>
<td>Knife Diameter</td>
<td>8 in.</td>
</tr>
<tr>
<td>Knife Length</td>
<td>1 ½ in.</td>
</tr>
<tr>
<td>Fancy tooth combination</td>
<td>2 ½ in.</td>
</tr>
<tr>
<td>Table Size</td>
<td>34½ x 22 in.</td>
</tr>
<tr>
<td>Bearings (Carriage Rollers)</td>
<td>2 Ball Needles</td>
</tr>
<tr>
<td>Speed Recommended</td>
<td>4000 R.P.M.</td>
</tr>
<tr>
<td>Motor Recommended</td>
<td>1 ½ or 1 H.P., 3450 R.P.M.</td>
</tr>
<tr>
<td>Motor Pulley Recommended</td>
<td>3 in.</td>
</tr>
<tr>
<td>Machine Pulley Supplied</td>
<td>2 ½ in.</td>
</tr>
<tr>
<td>Clearance Motor to Ground</td>
<td>15 in.</td>
</tr>
<tr>
<td>Maximum Carriage Travel</td>
<td>16 in.</td>
</tr>
<tr>
<td>Maximum Miter Cut</td>
<td>45 degrees left, 21 3/4 in. right</td>
</tr>
<tr>
<td>Dadoing Capacity Lengthwise (guard removed)</td>
<td>Unlimited</td>
</tr>
<tr>
<td>Crosswise (with miter guard)</td>
<td>8 in.</td>
</tr>
<tr>
<td>Table Height</td>
<td>31 ½ in.</td>
</tr>
</tbody>
</table>

The blade, guard, arbor and motor are mounted on a rugged carriage which rolls smoothly on rollers equipped with needle bearings. Rollers both above and below tracks assure permanent accuracy. All working parts are below the table—out of the way and protected against damage. Only the guard and cutting edge of blade are above the table! This means greater ease in handling lumber.

Removable miter bar permits angle cuts from 90° to 45° in either of 2 positions. Calibrated in 15° steps, Vernier adjustment for other angles.

The new-type guard is very practical! It has open front which makes the cutting edge of blade visible. This means greater accuracy in lining up cut. The guard is removable for grooving and adjustable in height.

See how easy it is to operate this new saw! There’s no pushing of long, heavy lumber into the blade on difficult crosscutting jobs. The lumber remains stationary, and you move the blade through it simply by pulling the convenient handle toward yourself. This makes it very easy to cut off joints, cornices, or any large pieces. Particularly handy for building materials, cloning, etc.
POWERFUL UNIVERSAL BALL BEARING MOTOR
- Makes all kinds of complicated carvings, plaques, mouldings, etc.
- Hundreds of uses—a whole hobby in itself

Give your work that professional touch with this amazing tool! For years, intricate hand carving has been the highest form of woodworking—the sign of a master craftsman. Now you can do it perfectly—automatically—with power!

It's simply impossible to realize just what a marvel this machine is until you use it. Professionals can't get along without it—and amateurs are surprised and delighted by its versatility. Plaques...pauces...book ends...jewelry boxes...furniture...carvings...mouldings...drawings or photographs of ornamental designs...even photographs of your family or notable characters...all can be easily and accurately carved in wood!

Here's the Way You Do It: Start with a model—a plaque for example—under the tracer pin on the right hand arm. As you trace the outlines and details of the plaque with the tracer pin, the cutter on the left hand arm follows the same pattern exactly. The arms move together sideways—back and forth—up and down—or in any intermediate motion at any angle. The design on the plaque is roughed down and finished with the large cutters. The small cutters are used to bring out all the fine details.

The machine is perfectly balanced to allow it to follow every detail of the model easily and accurately. Will handle wood up to 9x8 1/4 inches at one setting of the model (up to 9x17 inches at two settings). Will handle any length if not more than 6 inches wide. Powerful Universal ball bearing motor runs on 110-120 volt A.C. or D.C. (A.C. 28 to 60 cycles) — never needs lubrication. 5-ply hardwood table is 23 1/4 x 11 1/2 in. Overall height, 14 1/2 inches. Complete with instruction booklet, 6-ft. rubber covered cord and plug; all necessary clamps, screws, etc.; 2 chuck wrenches; chuck; one 3/4-in. cutter; 2 tracer pins; a model and a piece of wood to get you started carving. Patents applied for. Shpg. wt., 55 lbs.

$29.95

CHECK QUALITY COMPANION

MAGNETIC JIG SAW...
- Speed! 7200 strokes per minute
- Self-contained! No motor to buy!
- Safe! The high-speed short stroke is safer
- Very smooth cut—no sanding necessary

Exactly what you need for those intricate sawing jobs—jobs in thin wood that must be done accurately. The COMPANION Magnetic Jig Saw handles up to 3/4-inch stock, but is particularly recommended for light work. Within its field, you can't beat it. It cuts a right angle or a circle as small as 3/4-inch in diameter...leaving absolutely smooth edges that need no sanding. It does the job by using high speed—7200 strokes per minute, and a stroke of 3/4 to 3/8-inch. The stroke length can be regulated simply by turning the adjustment knobs. Table size, 8x8 in. Throat, 11 in. deep.

The COMPANION Magnetic Jig Saw is complete in itself. No need to buy a motor. Just plug it in—that's all.

The high-speed—short stroke, vibrating action of this Magnetic Jig Saw coupled with its freedom from belts makes this tool unusually safe, even for the younger craftsman. The low price makes it a great power tool value!

99 PT 2299—Shipping weight, 17 pounds........$6.95
9 PT 2600—Package of 6 special saw blades for COMPANION Magnetic Jig Saw. Shipping weight, 1 oz. 10c

CARVING CUTTERS

To be used on the CRAFTSMAN Carver at left. High carbon steel, accurately ground and finished. 1 1/4-inch shanks fit the roller chuck. Shipping weight, each, 8 ounces.

(A) 9 PT 2571—4-inch....35c
(B) 9 PT 2570—5-inch....35c
(C) 9 PT 2569—1/4-inch....25c
(D) 9 PT 2568—1/2-inch....39c

CARVING MODELS

Here are a few typical models for use with the carver. You'll find hundreds more in dime stores, gift shops—even in your own home. Shipping weight, each, 8 ounces.

SPT2573—State number wanted.

(1) Lincoln Head (profile)....35c
(2) Monk's Head (front view)....55c
(3) Floral Design....40c
(4) Crucifix....55c
(5) Spanish Galleon....40c
(6) Swordfish....65c
FEATURES IN
JIG SAWS

$6.25

11-IN. THROAT . . . CUTS TO CENTER OF 22-IN. CIRCLE
- Balanced modified Scotch yoke action
- Mechanism runs in bath of oil at all times
- Built-in sawdust blower keeps work clean
- Easily handles stock up to 1-inch thick

Here’s a tool that stands out in front of all others in this price range, for value and performance! If it weren’t for Sears tremendous power tool production, this price would be utterly impossible!

Sturdy bridge truss type frame. Large table, 9x9 inches, tilts any angle to 45 degrees. Improved table tilting support carries table at two points, front and rear—makes table more rigid and sawing more accurate. Fully enclosed coil type spring—no blade whip! Husky bronze main bearing. Adjustable blade guide and hold down. The carefully balanced mechanism is fully enclosed and runs in bath of oil. Modified Scotch Yoke action—as in the most expensive jig saws. This means smoother operation—longer life!

Be sure the jig saw you buy has all the features described above. Then make the final test—operate it! That’s the way to compare it! See for yourself how much finer this Sears saw is than any other jig saw sold at anywhere near its price! For detailed specifications, see table at right of page. Shipping weight, 20 pounds.

99 PT 2259—COMPANION Jig Saw

$12.45

15-IN. THROAT . . . CUTS TO CENTER OF 30-IN. CIRCLE
- Auto-lubricating bronze main bearing for trouble-free operation
- Perfectly balanced modified Scotch Yoke action for smoother cutting
- Mechanism runs in bath of oil in dustproof, oil-tight crankcase
- Handles stock up to 1½-inch thick. Has built-in sawdust blower

Built strong enough for professional work yet handles the usual run of home-craft jobs easily! It’s actually an $18 value! Scroll sawing, jig sawing, pattern making, toy building, and many similar types of work can easily be handled by this husky machine! And if you want to saw copper or aluminum as well as wood—go ahead! With the proper blades you can handle light metals easily!

The finely balanced mechanism runs in a bath of oil, just like your automobile engine. Sturdy new type jaws accommodate practically all kinds of jig saw blades. Fully enclosed coil type spring—no blade whip! Frame is very strong and rigid, with the base extending the entire length of the machine to give firmer and more solid support. Notice the weight! It’s especially important in jig saw operation! The rigid frame ... the expensive modified Scotch Yoke action ... and the machine’s great weight—all mean MUCH smoother and more accurate performance. Large 10x10-inch table tilts any angle to 45° (see small view above). Table is supported on double pivots for greater firmness and rigidity; quickly and easily locked at any angle; scale shows angle of tilt. Saw is equipped with adjustable hold-down for work and guide for blade. Shpg. wt., 45 lbs.

99 PT 2255—EVENWOOD Jig Saw

$12.45

EASY TERMS
On orders of $9.00 or more. Buy on Sears Easy Terms. See inside front cover for details.

CRAFTSMAN FRET AND JIG SAW BLADES

Highest quality; Heat treated, tempered and hardened for long life and fast, easy cutting.

The 6 and 8½-inch plain end blades may be snapped off to fit any machine taking shorter plain end blades.

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Thickness</th>
<th>Length</th>
<th>Teeth per Inch</th>
<th>Use</th>
<th>Shop. Wt.</th>
<th>Per Pkg.</th>
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</thead>
<tbody>
<tr>
<td>99 PT 2500</td>
<td>.010 inch</td>
<td>12</td>
<td>7</td>
<td>W</td>
<td>.05 oz.</td>
<td>19c</td>
</tr>
<tr>
<td>99 PT 2501</td>
<td>.010 inch</td>
<td>14</td>
<td>7</td>
<td>W</td>
<td>.08 oz.</td>
<td>19c</td>
</tr>
<tr>
<td>99 PT 2502</td>
<td>.014 inch</td>
<td>12</td>
<td>7</td>
<td>W</td>
<td>.05 oz.</td>
<td>19c</td>
</tr>
<tr>
<td>99 PT 2503</td>
<td>.014 inch</td>
<td>14</td>
<td>7</td>
<td>W</td>
<td>.08 oz.</td>
<td>19c</td>
</tr>
<tr>
<td>99 PT 2504</td>
<td>.016 inch</td>
<td>12</td>
<td>10</td>
<td>W</td>
<td>.05 oz.</td>
<td>19c</td>
</tr>
<tr>
<td>99 PT 2505</td>
<td>.016 inch</td>
<td>14</td>
<td>10</td>
<td>W</td>
<td>.08 oz.</td>
<td>19c</td>
</tr>
<tr>
<td>99 PT 2506</td>
<td>.020 inch</td>
<td>12</td>
<td>10</td>
<td>W</td>
<td>.05 oz.</td>
<td>19c</td>
</tr>
<tr>
<td>99 PT 2507</td>
<td>.020 inch</td>
<td>14</td>
<td>10</td>
<td>W</td>
<td>.08 oz.</td>
<td>19c</td>
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SPECIFICATIONS

<table>
<thead>
<tr>
<th>PT 2259</th>
<th>PT 2255</th>
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<tbody>
<tr>
<td>Over-all Height</td>
<td>14 in.</td>
</tr>
<tr>
<td>Over-all Width</td>
<td>9 in.</td>
</tr>
<tr>
<td>Over-all Length</td>
<td>17 in.</td>
</tr>
<tr>
<td>Depth of Cut (Maximum)</td>
<td>1 in.</td>
</tr>
<tr>
<td>Depth of Throat</td>
<td>11 in.</td>
</tr>
<tr>
<td>Table Size</td>
<td>9 x 9 in.</td>
</tr>
<tr>
<td>Speed</td>
<td>600 to 800 R.P.M.</td>
</tr>
<tr>
<td>Motor</td>
<td>½-H.P.</td>
</tr>
<tr>
<td>Machine Pulley Supplied</td>
<td>4 in.</td>
</tr>
<tr>
<td>Motor Pulley Recommended</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Recommended Mounting</td>
<td>Wood stand, #99PTM2740, or work bench, 99PTM2721</td>
</tr>
<tr>
<td>Recommended Mounting</td>
<td>Wood stand, #99PTM2740, or work bench, 99PTM2721</td>
</tr>
<tr>
<td>Mounting Dimensions</td>
<td>5½ x 7¼ in.</td>
</tr>
</tbody>
</table>

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www.OzarkToolManuals.com
**FULL 24-INCH CAPACITY**

- NEW ball crank and screw mechanism adjusts spring tension on blade
- NEW tool light on upper arm floods table with light. Ideal for close work
- Cuts to center of a 48-inch circle. Handles work up to 2 inches thick
- Extra large, 14-inch square table, mounted on two trunnions, front and rear

Into this great tool, we’ve built every worthwhile feature known to the power tool industry! It actually has features you’ll find in no other jig saw at ANY price!

A marvel of smooth, easy operation on the heaviest production work! Perfectly balanced modified Scotch yoke action. Mechanism is completely enclosed—runs in bath of oil. Oil pump forces oil to top of crank case so bearings and operating parts are flooded with oil. Shaft and upper chuck spindle run in self-lubricating bronze bearings. Table tilts any angle to 45 degrees. Upper arm is removable, or may be pivoted. Chuck jaws and roller type blade guide can be shifted to 90° to handle long work. Hold-down guide can be mounted under table for saber sawing. Universal chuck takes all types of blades. Mechanically it’s as close to perfection as we can make it. Give it your hardest jobs. With 4-step drive pulley, 4-step motor pulley and belt.

99 PTM 2276 — CRAFTSMAN Jig Saw, without motor. Shpg. wt., 105 lbs. $28.95
99 PTM 2235 — As above, with Companion 3/8” P. ball bearing 110-120 volt, 60-cycle A.C. motor. Shipping weight, 135 pounds. $38.45
9 PT 2332 — Special lower jaw for files below. Shpg. wt., 1 oz. $0.85

**Machine Files for Jig Saw Use**

A special lower jaw (listed above) can be purchased for using these files on the CRAFTSMAN Jig Saw. Eliminate tedious hand filing. These files have 1⁄4-inch shanks. Shipping weight, each, 1 ounce.

9 PT 2737 — 3 Square File... 48c
9 PT 2738 — Round File... 48c
9 PT 2739 — Crochet File... 48c
9 PT 2740 — Pillar File... 48c
9 PT 2741 — Square File... 48c
9 PT 2742 — Half Round File... 48c
9 PT 2279 — Complete set... $7.95

**Table Extension Set**

The table extensions increase the table size of your CRAFTSMAN 24-in. Jig Saw to 18x25% inches, and allow you to really utilize the large capacity of the tool. You’ll find the rip fence very useful in handling straight cuts.

The set consists of front extension, 14x4 in.; two side extensions, each 18x5% in.; and long rip fence, bars and necessary fittings. Front extension is gray iron, ground and finished. Side extensions are steel. Shipping weight, 14 pounds.

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**LARGE TABLE**

- Deep groove SKF ball bearings for long life
- Fixed spindle construction assures smoothness at high speeds. Tapered spindle design makes tool much more versatile
- Large 15x21-in. table for easier operation
- Guard covers motor pulley and belt; keeps out sawdust. Built-in motor mount and spring hold-downs included

One of the finest tools of its kind! Big-sturdily—accurate—dependable! Top-notch work requires a maximum of spindle speed. This is necessary in order to cut smoothly and rapidly at all possible angles to the grain of the wood. Sears Craftsman shapers meet this need for very high speeds by mounting the spindle and bearing assembly **solidly in the frame!** Instead of moving the spindle and bearing, the table moves up and down to adjust cutter height! The bearings are backed up by a large mass of gray iron which will rapidly carry away any heat which may develop from the normal operation of these bearings at high speeds. Sears Craftsman shapers will actually turn as high as 12,000 R.P.M. smoothly and easily!

The tapered spindle pictured above at right is an important development. Spindle is tapered to take any one of three different adapters listed below. Shaper is supplied with ⅞-in. size adapter. Adapter mounts on spindle and is locked in place by knurled collar. This permits you to use a wide variety of cutters and keeps the cutter closer to the upper bearing, insuring smooth, vibrationless operation. See **detailed specifications in table at right.** With ⅞-in. belt and 4-in. motor pulley, motor mounting and hold-downs. Less motor. Shpg. wt., 105 lbs.

99 PTM 2309—De Luxe Shaper at right. To mount adapter on tapered spindle, the knurled collar is removed and adapter is placed on spindle. Then collar is replaced and locked adapter in place. Clamping weight, extra, 3 ounces.

9 PT 2434—Adapter for ⅜-in. bore cutters...
9 PT 2435—Adapter for ⅜-in. bore cutters...
9 PT 2437—Adapter for each cutter below...

Sash Cutter. To be used on the Craftsman De Luxe Shaper with the adapter 9 PT 2437 above.

9 PT 2436—Shpg. wt., 4 oz.

---

**STANDARD TABLE**

- Fixed spindle design; table adjustable
- Bevel gears raise table for adjusting cut
- Deep-groove SKF ball bearings for long life
- Shaper fence designed for maximum safety

Built to same fine standards as De Luxe model at left, only not so large or with as many special features. Has same fixed spindle construction for smoother, faster, more accurate performance. Table is raised and lowered to adjust work to cutter height.

Table is moved by means of gears and raising screw. A ⅞-inch diameter column carries table in its vertical movement and a smaller rod prevents side movement. Large, co-ordinate type wedges lock table in any position that is desired.

Table has slot for miter gauge, and tapped holes for starting pins and holddown studs. Table insert is removable for drum sanding. One side of fence may be moved in or out for jointing operations. Fence depth scale is graduated from 0 to ⅜ inch in ⅛-inch divisions. Screw feed is controlled by a convenient hand knob. May be locked in any desired position. Graduated scale shows depth of cut. With belt and motor pulley. Shipping weight, 85 pounds.

99 PTM 2308—Standard Shaper...

---

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Over-all Height</th>
<th>13 7/8 in. (Min.)</th>
<th>16 in. (Max.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over-all Width</td>
<td>23 in. less motor</td>
<td>23 in. with motor</td>
</tr>
<tr>
<td>Over-all Length</td>
<td>16 in.</td>
<td>16 in.</td>
</tr>
<tr>
<td>Cutter Height</td>
<td>1 in.</td>
<td>1 in.</td>
</tr>
<tr>
<td>Cutter Bore</td>
<td>⅜ in. and ⅛ in.</td>
<td>½ in. Adapters available for ⅜ in. and ½ in. cutters.</td>
</tr>
<tr>
<td>Bearings</td>
<td>21 SKF ball</td>
<td>4 SKF ball</td>
</tr>
<tr>
<td>Table Size</td>
<td>15 x 21 in.</td>
<td>21 x 15 in.</td>
</tr>
<tr>
<td>Spindle</td>
<td>⅜-in. diam.</td>
<td>3/8-in. diam. Modified No. 2 Morse taper.</td>
</tr>
<tr>
<td>Speed Recommended</td>
<td>9,000 R.P.M.</td>
<td>9,000 R.P.M.</td>
</tr>
<tr>
<td>Motor Recommended</td>
<td>99PT5587</td>
<td>99PT5587</td>
</tr>
<tr>
<td>Machine Pulley Supplied</td>
<td>9 PTM 2377 , 3450 R.P.M.</td>
<td>9 PTM 2377 , 3450 R.P.M.</td>
</tr>
<tr>
<td>Motor Pulley Supplied</td>
<td>3 1/4 in.</td>
<td>3 1/4 in.</td>
</tr>
<tr>
<td>Recommended Mounting</td>
<td>99PTM2289 , 4-in.</td>
<td>99PTM2289 , 4-in.</td>
</tr>
<tr>
<td>Mounting Dimensions</td>
<td>10 3/8 x ⅜ in.</td>
<td>10 3/8 x ⅜ in.</td>
</tr>
</tbody>
</table>
COMPANION 4¼-IN. BRONZE BEARING

- 4¼-in. steel cutter head. Balanced for smoothness at high speeds
- 3 high carbon steel cutters that keep their tempered sharpness
- Tables finish ground after assembly on base for absolute accuracy
- Extra-large auto-lubricating bronze bearings for longer life

This powerful heavily built 4¼-in. machine with solid steel head is far superior, to the lighter tools of a similar size. In fact, we know of no other jointer selling for less than $20.00 which has a solid steel head!

The tables are ground to a fine finish after assembly to insure the greatest degree of accuracy. They operate on carefully machined ways that guarantee perfect relationship of both tables for all depths of cut. Each table is 10½ in. long—over-all length, 24 in. Both front and rear tables are fully adjustable. Screw feed control for depth of cut has depth of cut scale for easy, accurate adjustment. Oversize 4¼-in. steel cutter head easily handles 4-in. lumber in the rough. Knives are locked in place with gib plates and set screws tapped through the head itself. Guard never need be removed even for rabbeting. Can easily be lowered and swung under the rabbeting ledge out of the way. New fence regulating mechanism with graduated scale permits quick adjustments for angle cuts. Net weight, 38 lbs.

COMPANION Machine Stand

An ideal stand for any of the jointer-planers on these two pages. Entirely new modern streamlined design! Fully enclosed! Rugged heavy gauge steel construction for maximum rigidity and freedom from vibration. Has convenient snap door in front. An under drive is desired for a tool, it can easily be accomplished by mounting a woodend, steel inside the cabinet and mounting the motor on it. Full instructions are furnished. Top is 12x26 in. 33 in. high. Blue finish. Shpg. wt., 49 lbs.

99 PTM 2287—Shipping weight, 44 pounds $15.45

CRAFTSMAN 4¼-IN. BALL BEARING

- Solid steel 4¼-inch cutter head runs in accurately fitted SKF ball bearings that are fully enclosed to keep out dirt
- Extra long tables give better support to work. Full 28½ inches long over all—for greater accuracy and finer surface finish
- Two guards—one on each side of the fence—keep the cutter head covered regardless of position of fence and give extra safety

Compare the CRAFTSMAN jointer-planer with those selling for 20% more elsewhere! You'll find it actually surpasses them in quality—accuracy—and convenience of adjustments! It has all the fine features of the COMPANION jointer-planer at left, PLUS SKF ball bearing construction, much longer tables, improved fence, and double acting guides. It's bigger and heavier—built for years of accurate service.

The precision ball bearing construction means smoother operation and longer life. The tables are longer than we have ever offered in any other 4¼-in. jointer! Three high speed steel cutters keep their keen edges for surprisingly long periods under hardest use. Double guard construction means that cutter head is always covered, regardless of fence position. This means greater safety at all times. Guard can be lowered and swung under rabbeting ledge. Depth of cut easily adjusted and shown on accurate scale.

Position and angle adjustment of fence operate independently of each other. Entire fence and tilting mechanism may be moved sideways across the table without affecting angle. Carefully ground adjustable tables slide on ways that are machined to close limits for permanent accuracy. Rugged gray iron frame is carefully designed, machined, finely finished, and exceptionally strong and rigid for years of trouble-free service. Shipping weight, 51 pounds.

99 PTM 2290—Without motor $23.90
99 PTM 2293—Same as above but with ½-h.p. 110-volt, 60-cycle ball bearing motor, 99 PT 5620, shown on Page 39. Shipping weight, 81 pounds $33.75

4¼-Inch Jointer Knives

Finest quality high speed tool steel blades, ground to a keen, long lasting edge. Set of three for either jointer-planer on this page. Shipping weight, 7 ounces. $2.15

99 PTM 2291

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www.OzarkToolManuals.com
SKF BALL BEARINGS
- Heavy SKF ball bearings enclosed in dustproof housings
- Solid steel cutter head: diameter, 2 1/4 inches; 6 inches wide
- 3 high speed steel knives. Maximum depth of cut, 1/8-inch
- Extra long tables, 37 in. overall size; ground for perfect alignment

Here's one of the biggest, finest and most accurate power tools of its kind money can buy. Just look at the size—it's actually over 3 feet long. Built for heavy duty... for high speed... for precise, letter-perfect workmanship. The rugged, carefully handmade parts are controlled by conveniently located hand wheels and slide on dovetail ways for permanent accuracy. Heavy duty enclosed SKF ball bearings ensure smoothest possible operation. Cutter head is made of solid steel, 6 inches long, 2 1/4 inches in diameter, with knife slots ground in the shape of inverted wedges to assure accurate and positive locking of knives; approved round safety type.

The geared-type tilting fence is 28 inches long and 4 inches high—can be moved as a unit across table without changing its angle. The large quick-acting guard that keeps cutter head covered need never be removed, even for resharpening. Protractor gauge accurately indicates depth of cut at all times. The movement of table is magnified by pointer, thus insuring accuracy. Rugged heavy gray iron frame has accurately machined dovetailed ways.

99 PTM 2288 — CRAFTSMAN 6-Inch Heavy Duty Jointer-Planer complete with geared fence, high speed steel knives, pulley, motor pulley and belt. Shipping weight, 160 lbs. Without motor......... $44.00

99 PTM 2295 — Same as above with 99 PT 5587 1/4-H.P. condenser motor listed on Page 38. Shipping weight, 185 lbs. $59.95

Jointer Knives
Made of finest quality high speed tool steel. Accurately ground—hold keen edge longer. Set of 3 for jointer-planer 99 PTM 2288. Shipping weight, 4 ounces. 9 PT 2292 .......... $3.40

CRAFTSMAN THICKNESS PLANER
- Handles lumber up to 4 x 12 inches
- Precision New Departure ball bearings
- Feed rolls are machined from solid steel
- Full 3 1/4-inch diameter steel cutter head

One of the finest tools in this entire catalog! Built for steady day in and day out service. Not a jointer—but a regular thickness planer that easily handles big production jobs in shops and mills!

Will plane material up to 12 in. wide and 4 in. thick—and as small as 8 in. long and 1/4 in. thick. Heavily ribbed table is fitted to main frame by machined ways. Frame is heavy, well ribbed one-piece casting... absolutely free from vibration. Adjustment for depth of cut made with convenient hand wheel. Scale shows depth of cut.

Front in feed roll fluted to insure positive feed. Gear box equipped with cut gears fully lubricated for a lifetime of service. Pressure rolls have compression springs, conveniently adjusted. Chip breaker and pressure bar completely guard head and feed rolls. Gibs provided to assure accurate alignment of table to head. Safety-type steel cutter head, 3 inches in diameter, is fitted with 3 high-speed knives. Motor requirements vary from 1/4 to 2-H.P., 1750 R.P.M., depending on depth and width of cut, kind of wood, etc. We recommend 7-inch motor pulley to get proper speed of 4000 R.P.M. Over-all dimensions: 23 in. high; 20 in. long; 31 in. wide. Shipped from factory in southern Ohio, and you pay freight from there.

99 PTM 2349F — Shipping weight, 290 lbs. $185.00

Page 13
**COMPANION BELT AND DISC SANDER**

$15.45

- Belt sander mounts horizontally, vertically, or at any angle, for all kinds of work
- Disc sander table fills any angle up to 45° enabling you to sand mitered edges accurately
- Extra long auto-lubricating bronze bearings filter oil and keep out dust and dirt

We've carefully compared its features and construction—and honestly believe this COMPANION sander is superior to similar tools selling for up to $20.00 elsewhere! Takes the work out of sanding—usually one of the most tedious jobs in woodworking. Practical operators say they start the sander twice as often as any other tool in the shop!

Rugged, long-life construction throughout! 6-inch sanding disc and table may be used either on right or left of belt sander, permitting tool to be mounted on either end of bench. Disc sander and table are easily removed to clear large work on belt. The disc sander finishes curved work, end grains, etc., which cannot be reached by the belt sander alone. With miter gauge, adjustable stop guard, 6-in. abrasive disc and 4x36 in. sanding belt.

**SPECIFICATIONS—**Over-all height, 10 7/8 in. with belt in horizontal position. Over-all width, 11 3/4 in. Over-all length, 28 in. Diam. of disc, 8 in. Size of belt, 4x36 in. 4 auto lubricated bronze bearings. Size of disc sanding table, 8 1/2x17 1/2 in. Drum diam., 3 in. Speed, 1400 R.P.M. Machine pulley supplied, 2 1/4 in. Motor pulley recommended, 2 in. Mounting dimensions, 6x14x10 1/2 in. Use 3/4 or 1/2-H.P. 1700 R.P.M. motor. Ship wt., 42 lbs.

99 PTM 2213—COMPANION Belt and Disc Sander ....................... $15.45

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**CRAFTSMAN BELT AND DISC SANDER**

$21.50

- Extra capacity. Heavy-duty construction
- 6-in. belt sander mounts horizontally, vertically, or at angle for handling different jobs
- Disc sanding table fills any angle up to 45°
- Heavy-duty auto-lubricating bronze bearings
- Equipped with auxiliary belt sander table

Has all the outstanding features and operating advantages of our COMPANION sander at left! But even more, it is bigger and heavier and stronger, with many additional features and refinements! The 6-inch wide belt and the 9-inch disc provide the needed extra capacity for the big jobs in home workshops or large industrial plants!

One of the handiest tools in your entire shop! It can cut so much faster than hand sanding that it actually will do part of the work you ordinarily would do with other machines. Particularly useful for fitting and assembling jobs.

This sander has three tables. The added belt sanding table at end of belt gives extra support for long work—makes possible the use of belt sander in vertical position without shifting tables. The belt sander table is full 6x17 1/2 in. providing ample support for larger pieces. Sanding belt rollers are rubber covered and may be used like drum sanders. The extra-long, auto-lubricating bronze bearings filter the oil and keep out dust and dirt. The disc sanding table has a miter gauge, and tilts any angle up to 45 degrees. This makes it possible to sand mitered edges easily and accurately.

The sanding disc and table may be used either on right or left side of sander and can easily be removed to clear long work on belt. Quick-acting belt adjustments make belt run true between drums. Complete with miter gauge, adjustable stop guard, 9-inch abrasive disc and 6x48 in. sanding belt. Shipping weight, 140 lbs.

99 PTM 2166—CRAFTSMAN Belt and Disc Sander .................. $21.50

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**Specifications**

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<td>Drum diam.</td>
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<td>Speed</td>
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<tr>
<td>Motor Pulley</td>
<td>2 in.</td>
</tr>
<tr>
<td>Mounting</td>
<td>6x14x10 1/2 in.</td>
</tr>
<tr>
<td>Dimensions</td>
<td>6x14x10 1/2 in.</td>
</tr>
</tbody>
</table>

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**Abrasive Discs**

Package of 6 assorted fine, medium and coarse aluminum oxide sanding discs for use on 99PTM 2166 CRAFTSMAN Belt and Disc Sander listed above. For use on wood or metal. Ship wt., 6 oz.

- 99 PTM 2155—Package of 6. $49c

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**Abrasive Belts**

- 9 PT 2216—Garnet abrasive for wood. $3.50
- 9 PT 2217—Aluminum oxide abrasive for use on metal or wood. $3.90

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**Abrasive Discs**

- For 99 PTM 2166 CRAFTSMAN Belt and Disc Sander above. Fine, medium or coarse. State grit. Ship wt., 5 oz. 9 PT 2167—Each. $79c

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**Abrasive Belts**

- For 99 PTM 2166 CRAFTSMAN Belt and Disc Sander above. Fine, medium or coarse. State grit wanted. Aluminum oxide, for use on wood or metal. Shipping weight, 5 oz. 9 PT 2167—Each. $49c

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Page 14

www.OzarkToolManuals.com
WOOD TURNING . . . 8X38 INCHES

- Double bearing heavily built headstock enclosed for extra safety
- Two high quality oil-lubricating bronze bearings for long life
- 8-inch swing—27 inches between centers—38-inch bed
- Has three speeds—easily handles a large variety of work

New! Never before have we offered a lathe of this quality and capacity at anywhere near this price! Just notice the SIZE—a full 38-inch bed! And notice that it has an enclosed, streamlined headstock like our bigger and higher priced lathes. It's far superior to any other lathe in this price range!

It will actually handle work up to 27 inches between centers and up to 6 inches in diameter. All parts are carefully machined and fitted. The auto-lubricating bronze bearings assure smooth operation and long life. Ball thrust bearings absorb spindle thrust. Finely machined 34-inch spindle projects for outboard turning. Extra-large oil reservoirs assure positive lubrication. Over-all height, 93/4 in. Over-all length, 40 in. Over-all width, 45/8 in. Complete with 6-tool tool rest, cup and spur centers as illustrated. Use 1/4 or 1/2-H.F. motor (see Pages 26 and 28) and 99 PT 2785 motor pulley, listed at right. Shipping weight, 20 lbs.

99 PT 2051—COMPANION Wood Turning Lathe . . . . $5.95

Lathe Grinding Attachment. Shown in last inset above. Fits spindle and bed on 99 PT 2051 lathe, above. Use it for all kinds of grinding, includes grinding tool rest, arbor to fit on spindle, 6x34-inch grinding wheel, clamp, etc.

9 PT 2051—Shipping weight, 1 pound 10 ounces . . . . $1.50

METAL TURNING . . . 6X28 INCHES

- 28-inch V-way bed . . . 6-inch swing . . . 18 inches between centers
- Double bearing headstock has highest quality bronze bearings. Front bearing fully adjustable
- Removable No. 0 Morse taper centers in head and tailstock
- Compound rest, fitted with adjustable olifs and lock
- Full length feed screw gives smooth finish on long pieces

A fine tool for the model maker or for the man who wants to do light metal work. Not as accurate as our larger metal working lathes but entirely adequate for most work. The many adjustments make it possible to arrive at much more accurate work than has ever been possible with this type of lathe.

Spindle is threaded 34x24 threads per inch. Knock-out centers in headstock and tailstock. Lead screw provided for longitudinal feed of carriage. Compound rest travel, 33/4 in.; cross slide travel, 13/4 in. Tailstock may be set over for turning lathes. Cross feed and angular feed are geared for take-up. Use 1/4 or 1/2-H.F. motor (see Pages 38 and 29). Over-all dimensions: height, 93/4 in.; length, 281/2 in.; width, 8 in. Shipping weight, 28 lbs.

99 PT 2021—COMPANION Metal Working Lathe . . . . $14.75

ACCESSORIES FOR WOOD TURNING LATHES

- Face Plates
- Work Arbor
- 3-Jaw Chucks
- Drum Sander
- 4-Jaw Independent Chuck
- Sending Discs

For more information, please refer to the accompanying diagrams and specifications.
COMPANION CONVERTIBLE LATHE
FOR WOOD OR METAL TURNING

$15.45

SPECIFICATIONS

Overall Height: 10¼ inches
Overall Width: 7 inches
Overall Length: 46 inches
Swing Over Bed: 6 inches
Distance Between Centers: 90 inches
Spindle Bearings: 2 nitrite bronze
Thrust Bearings: 1 ball bearing
Spindle Nose Taper: ¼ in. 6 H.R. taper
Tailstock Taper: No. 0 Morse
Spindle Speeds: 4: 700, 1000, 1500, 2000, 4000 R.P.M.
Motor Recommended: 1 H.P.
Machine Pulley: 6-step cone
Motor Pulley: 6-step cone
Mounting: c-1033, metal lathe stand
Mounting Dimensions: 5½ inches x 64 inches

9-IN. SWING 44-IN. BED

- Bearings on both sides of spindle pulley for perfect spindle support
- Oversize bronze bearings are self lubricated. Sealed against dirt
- No. 1 Morse taper centers in head stock and tail stock
- 4 speeds from 700 to 4000 R.P.M.
- 30 inches between centers

Complete Metal Working Outfit
Build your metal working shop around this handy outfit! The sturdy construction of the whole lathe makes it suitable for adapting to metal work. Ideal size to handle armature turning and any light metal repair jobs you may wish to do. Easily changed over from metal to wood.

The multiple speed jack shaft provides the slow speeds necessary for smooth, clean cutting in metal. The compound rest adjusts from 0 to 180 degrees angular position. Longitudinal feed is 6 inches and cross feed 2½ inches. The independent 4-jaw chuck will hold round, square or irregularly shaped pieces. Outfit includes our COMPANION 9-in. lathe, compound rest, tool post, tool holder, six tool bits, wrenches, multiple speed jack shaft, 4-in. 4-jaw chuck, belt, pulleys, and 60 degree-center. Motor not included. Shipping weight, 93 pounds.

99 PTM 2020—Complete Outfit with Lathe . . . . $39.00

High Grade Face Plates

A 9 PT 2090—5½-inch wood or metal working face plate. Threaded for either left or right hand spindles. Fits 3-inch threaded spindle as on 99 PTM. Shipping weight, 2 pounds . . . . . . . . $1.40
B 9 PT 2091—3½-inch face plate with spur removable center, and screw center. Fits ½-inch threaded spindle as on 99 PTM. Shipping weight, 1 lb. 12 oz . . . . . . . . $1.20

18-In. Tool Rest

A 9 PT 2173—2½-in. tool rest. A great convenience when facing long turnings, such as table legs or lamp spindles. Brass lip adjustable for height. Well machined and nicely finished. Complete with bed brackets. Built for long service. Shipping weight, 2 pounds . . . . . . . . $2.35

3-Jaw Chuck

A 9 PT 2173—3-inch diameter. Grips round or hexagonal work. All jaws are reversible. Each jaw can be moved by itself. 4-jaw diameter. Key and lock plate to fit 99 PTM. Shipping weight, 4 lb. 6 oz . . . . . . . . $12.75

4-Jaw Chuck

A 9 PT 2152—4-in. 4-jaw chuck. Fits ¼-inch threaded spindles as on lathe 99 PTM 2019. Shipping weight, 4 lb. 4 oz . . . . . . . . $4.95

Compound Rest

B 99 PT 2166—For additional accessories. For supporting extra-long work in lathe. Fitted with best quality brass jaws. Very essential when turning long, slender pieces in the lathe. Shipping weight, 4 pounds . . . . . . . . $3.95

See page 18 for additional accessories.

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www.OzarkToolManuals.com
This CRAFTSMAN production-type lathe is the perfect tool for the master craftsman. Because of its excellence in every detail of construction, it has gained an important place in professional woodworking and pattern shops all over the country. It’s built for professional use! That’s why it is so popular with both professional and amateurs all over the country.

Check the features.... the specifications.... the weight! See for yourself how far superior this lathe is to any you have ever seen in this price range! It has a massive flat-way bed that actually has a total bearing surface of 3 full inches! This allows you to take the heaviest cuts easily. The great weight of the entire lathe insures smooth, vibrationless, accurate operation.

The headstock spindle rotates on precision SKF ball bearings, sealed against dirt and abrasive materials. It has a right hand thread inboard and a left hand thread outboard to allow you to do outboard turning on large pieces without reversing motor or lathe drive. Longitudinal thrust is absorbed by ball bearing. Headstock pulley is indexed so work may be evenly divided or fluted. Headstock pulley and belt are covered to give you additional protection.

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

Complete with 4-step motor pulley, V-belt, split and spur centers, and tool rest. Shipping weight, 115 pounds.

99 PTM 2027 $28.95

EASY PAYMENTS
You can buy all Sears power tools on convenient Easy Terms if your order amounts to $10 or more. See inside front cover for details.
CRAFTSMAN ACCESSORIES FOR WOOD LATHES

Good work demands good tools! These chisels have brightly polished 4-inch blades of carefully tempered tool steel. Expertly ground. Keep a thin keen edge for fast, clean cutting. 8-inch handles, beautifully finished. Heavy ferrule. Average length over all, 11 inches. Genuine CRAFTSMAN quality at moderate prices. Shipping weight, each, 13 ounces.

(6) PT 2511—Gouge, ¾-inch wide, 65c
(6) PT 2512—Gouge, ¾-inch wide, 75c
(6) PT 2514—Gouge, ¾-inch wide, 85c
(9) PT 2526—Round Nose Chisel, ¾-inch wide, 65c
(9) PT 2527—Parting Tool, ¾-inch wide, 65c
(9) PT 2528—Skew Chisel, ¾-inch wide, 65c
(9) PT 2529—Saw Veneer Chisel, ¾-inch wide, 65c
(9) PT 2531—Complete set of 8 chisels listed above in wood box. Shipping weight, 8 lbs. 10 oz. $8.95

We believe this new line of wood-turning chisels is the finest that can be bought anywhere! Average overall length, 7½ inches. Forged tapered blades, extra hard, made of high-carbon steel with vanadium added to give toughness. Blades are highly polished and chrome-plated. Maple handles with beautiful natural finish. Shipping weight, each, 1 pound 2 ounces.

(6) PT 2583—Gouge, ¾-inch wide, $1.40
(9) PT 2584—Gouge, ¾-inch wide, 1.50
(9) PT 2587—Gouge, ¾-inch wide, 1.40
(9) PT 2591—Round Nose Chisel, ¾-inch wide, 1.00
(9) PT 2592—Parting Tool, ¾-inch wide, 1.25
(9) PT 2594—Skew Chisel, ¾-inch wide, 1.00
(9) PT 2595—Saw Veneer Chisel, ¾-inch wide, 1.20
(9) PT 2596—Round Nose Chisel, ¾-inch wide, 1.00

CRAFTSMAN Wood-Carving Tools

Finely finished wood-carving tools. ¾-inch blades forged from fine quality heat-treated steel, take and hold a fine keen edge. 3½-inch handle, well polished and finished. With these tools you can make a great variety of wood carvings. Great favorites with wood carvers that take pride in their shaped tools.

Complete set of 5 tools attractively boxed; includes one each of the following: ¾-inch bevel gouge, ¾-inch bent chisel, ¾-inch U-tool, ¾-inch straight chisel and a ¾-inch ving tool. Shipping weight, 13 oz.

(9) PT 2599—Set of 4 $2.19
(9) PT 25995—Set of 5 $3.45

Sanding Attachment

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

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<thead>
<tr>
<th>Catalog No.</th>
<th>For Lathe</th>
<th>Price</th>
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<tr>
<td>6 PT 2563</td>
<td>99 PTFM 018 on P 18</td>
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<tr>
<td>9 PT 2568</td>
<td>99 PTFM 027 on P 17</td>
<td>3.25</td>
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8-inch Sanding Discs. Threaded to fit lathe spindle. Shipping weight, each, 2 pounds.

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<th>Catalog No.</th>
<th>For Lathe</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>8 PT 2563</td>
<td>99 PTFM 018 on P 18</td>
<td>40.75</td>
</tr>
<tr>
<td>9 PT 2568</td>
<td>99 PTFM 027 on P 17</td>
<td>3.25</td>
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</tbody>
</table>

High Quality Lathe Centers and Arbors

No. 2 Morse taper shanks. Accurately ground for perfect fit. Tapered portion of Shank is 2¼ inches long. Check your spindles before ordering.

(6) PT 2101—Cup Center, Shpg. wt., 79c
(9) PT 2111—Cup Center, Shpg. wt., 79c
(9) PT 2121—Cup Center, 79c
(9) PT 2132—Cup Center, 79c
(9) PT 2142—Cup Center, 79c
(9) PT 2152—Cup Center, 79c

No. 1 Morse taper. Accurately ground and finished. Tapered portion of shank is 2¾ inches long. Check your spindles before ordering.

(6) PT 2101—Adapter 4¼-inch Chuck. Shipping weight, 1 pound 4 ounces.
(9) PT 2111—Adapter 4½-inch Chuck. Shipping weight, 1 pound 4 ounces.
(9) PT 2121—Adapter 4⅝-inch Chuck. Shipping weight, 1 pound 4 ounces.
(9) PT 2131—Adapter 4¾-inch Chuck. Shipping weight, 1 pound 4 ounces.
(9) PT 2141—Adapter 5-inch Chuck. Shipping weight, 1 pound 4 ounces.
(9) PT 2151—Adapter 5½-inch Chuck. Shipping weight, 1 pound 4 ounces.

Jacobs’ Chuck

(9) PT 2142—Capacity, 12 to 1½-inch. $5.40
(9) PT 2143 Capacity, 12 to 1½-inch. $6.65
CRAFTSMAN PRECISION
MODEL MAKERS' LATHE

BACK GEARED . . 6-INCH SWING . . 30-INCH BED

- Guaranteed accurate to within one-thousandth of an inch. Precision built!
- 1-inch ground steel spindle runs in adjustable auto-lubricating bronze bearings
- Back gears give 16 speeds—54 to 3225 R.P.M. A correct speed for all types of metal turning, finishing and polishing; woodworking and machining plastics.

The only precision-built small metal working lathe ever offered at anywhere near this price! While it is smaller in capacity than our larger CRAFTSMAN screw cutting lathes (Pages 20 and 21), it actually matches them in accuracy, precision and performance!

The massive, semi-steel precision-ground bed is rigidly cross braced, and mounted on heavy gray iron legs. Extra heavy headstock, with adjustable bronze bearings gives rigid support to the spindle. Ball thrust bearing takes spindle thrust. Hinged guards for spindle pulley and feed gears give maximum safety. Carriage has hand wheel for manual operation and feed lever for reversible automatic power feed. Bench type countershaft has quick belt release lever. Graduated compound rest swivels through 360 degrees. Spindle pulley has 60 indexing holes. Compound rest, carriage, etc. are fully gibbed for take-up.

Equipment includes graduated compound rest, tool post, ring and rocker, 5/8-in. tool bit, bench type countershaft, motor pulley, belts, face plate, dog, two 80-degree lathe centers, threading dial, change gears, 3 wrenches and instructions. Shipping weight, 110 pounds.

99 PTM 2048 ...........................................$58.50

SPECIFICATIONS

- Overall Height: 10 1/2 in.
- Overall Width: 21 1/2 in.
- Overall Length (Without motor): 30 1/2 in.
- Swing Over Bed: 6 in.
- Swing Over Carriage: 4 3/4 in.
- Distance Between Centers: 18 in.
- Spindle Bearings: Universal bronze
- Countershaft and Back Gear Bearings: 1 Type Gillette bronze
- Spindle: Size: No. 3 Morse
- Thread: 5/16 x 1 1/2 in.
- Tailstock Taper: 9 1/4 in.
- Back Gear Ratio: 8 1/2 to 1 (Approx.)
- Leads: 0.004 x 0.002
- Thread Range: 8 to 64 R.H., of L.H.
- Tailstock Ram Travel: 1 1/2 in.
- Gear Slide Travel: 1 1/2 in.
- Compound Tool Travel: 1 1/2 in.
- Tailstock Set Over: 1/4 in.
- Spindle: 1 1/4 in. to 9 1/2 in.
- Motor Recommended: 1/4 HP. 1700 R.P.M.
- Recommended Mounting: 4% x 37/32 in.

ACCESSORIES FOR CRAFTSMAN MODEL MAKERS' LATHE

Tool Holders

- 9 PT 2033—Threaded Tool Holder, shank 1" in. $2.45
- 9 PT 2036—Right Hand Tool Holder, shank 3/8" $1.00
- 9 PT 2035—Left Hand Tool Holder, shank 3/8" $1.00
- 9 PT 2034—Knurling Tool, shipping weight, 14 oz. $2.90
- 9 PT 2037—Cushion Tool, shipping weight, 14 oz. $1.45

Formed Tool Bits

- 9 PT 2043—Set of 6, shipping weight, 14 oz. $1.15

Tool Post Set

- 9 PT 2032—Set of 6, shipping weight, 14 oz. $4.45

Face Plate

- 99 PTM 2048—Face plate, shipping weight, 5 lbs. $4.10

Independent Chuck

- 9 PT 2046—4-in. Universal Chuck, shipping weight, 4 lbs. $4.95

Jacobs' Headstock Chuck

- 9 PT 2044—Jacobs' Headstock Chuck, shipping weight, 6 lbs. $9.50

Steady Rest

- 9 PT 2041—Steady Rest, shipping weight, 3 lbs. $3.65

Followers Rest

- 9 PT 2042—Followers Rest, shipping weight, 3 lbs. $2.65

Jacobs Chuck Keys

- 9 PT 2043—Jacobs Chuck Keys, shipping weight, 1 lb. $1.45

Wrenches

- 9 PT 2044—Wrenches, shipping weight, 4 lbs. $2.45

www.OzarkToolManuals.com
12-IN. SCREW CUTTING METAL LATHES

Built to meet the most exacting demands of master craftsmen! Thousands are in daily use in factories, garages and homes—wherever a truly fine lathe is desired.

Fine precision construction throughout! Careful tests must PROVE it is accurate to within .001 of an inch before it can leave the factory! Has heavily reinforced semi-steel bed with precision-ground ways. Heavy duty ball thrust bearing in headstock is featured and coordinated with smooth bearing. Semi-steel tailstock has 3/4-inch stroke for taper turning; is fitted with center ejection and co-ordinated with reverse gear. Non-slip V-belt drive has adjustable belt tension and release lever. 1.5-attacks gears (approx. 6 to 1 ratio) may be cut in for slow speeds on heavy cuts. Heavy semi-steel carriage has adjustable forging for take-up. Cross slide travel, 6 in.; compound rest travel, 2 1/4 in. threading dial supplied as standard equipment. Cuts metric as well as standard threads. Compound rest swivels and locks at any angle and is graduated in one-degree divisions from 0 to 180 degrees. Reverse gear is controlled by lever at left of headstock. 99 PTM 2028F—Mastersm 8-speed, 12-inch screw cutting lathe. Back gears not included. 30-inch bed; 18 inches between centers. Complete with manual of “Lathes and Accessories.” threading gear, threading dial, V-belts, pulleys, wrenches, etc., $105.00. Weight: 330 pounds. $79.95

FOR ADDITIONAL METAL LATHES ACCESSORIES SEE PAGE 22

Workshop Manual

$9.95

Center Gauge

For checking lathe centers and setting threading tool. Shipping weight, 8 ounces. 9 PT 2081 $25.00

No. 2 Morse Taper Centers and Arbors

9 PT 2111—45-Degree Center. Shipping weight, 7 ounces. $65.00
9 PT 2113—Precise Ball Bearing. Shipping weight, 8 ounces. $65.00
9 PT 2120 Arbor and 1/2 in. Chuck. Shipping weight, 10 ounces. $1.19
9 PT 2138—20 Arbor. Shipping weight, 12 ounces. $85.00
9 PT 2161—Adaptor Sleeve. To change from No. 2 to No. 1 Morse taper. Shipping weight, 8 ounces. $55.00

Lathe Accessories

9 PT 2128—Drill Pad. Shipping weight, 1 lb. 9 oz. $9.50
9 PT 2143—Crown Center. For centering round work for turning. Shipping weight, 1 lb. 3 oz. $9.50
9 PT 2122 Arbor. For Jacobs chuck. Shipping weight, 7 oz. $7.50
9 PT 2128—Chuck Arbor. For use with center rest chuck or spindle nose chuck. Shipping weight, 10 ounces. $69.00
GUARANTEED ACCURATE TO .001 INCH

Our finest lathe—now greatly improved to make it even more outstanding than ever before! New reversible power cross feed—just pull a knob and let the power cross feed do your facing work automatically and more accurately. New larger and heavier carriage! New wipers on carriage, saddle, clean and lubricate the ways! New quick release on motor base for obtaining the proper belt tension is included! Has ALL the features of our famous 16-speed lathes on the opposite page, PLUS features and refinements usually supplied as special equipment. Equipped with precision Timken tapered roller bearings for greatest accuracy and longest life.

These bearings are not just standard TIMKEN bearings, but are specially selected—the type used in large machine tools selling for thousands of dollars! Belt guards completely cover the headstock and motor drive pulleys. They are hinged and may be opened to change or adjust—assuring maximum safety for the operator. CRAFTSMAN supplies these guards as standard equipment at no extra charge. Industrial safety generally requires belt guards. They are a real safety factor—no shop is complete unless belts and pulleys are completely guarded. Complete as illustrated with power cross feed, selected Timken bearings and complete belt guards. Without motor, carriage and base is shipped from stock, all others shipped from factory in southern Michigan. You pay freight from there.

**SPECIFICATIONS**

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<tr>
<td>Swing Over Carriage</td>
<td>9 in.</td>
</tr>
<tr>
<td>Spindle Bearings</td>
<td>1½ Timken roller countershaft and back gear bearings 4 split Bronze taper hole note: ½ in. bore</td>
</tr>
<tr>
<td>Spindle Taper</td>
<td>1½ Morse</td>
</tr>
<tr>
<td>Tailstock Taper</td>
<td>No. 2 Morse</td>
</tr>
<tr>
<td>Feed</td>
<td>8</td>
</tr>
<tr>
<td>Threading Range</td>
<td>4 to 96</td>
</tr>
<tr>
<td>Speeds</td>
<td>150 to 3075</td>
</tr>
<tr>
<td>Motor</td>
<td>1½ or 1½ H.P.</td>
</tr>
<tr>
<td>Recommended Mounting</td>
<td>99PTM3275 or 99PTM3277</td>
</tr>
<tr>
<td>Mounting Dimensions</td>
<td>Width: 9½ x 38½ in. Length: 42½ in.</td>
</tr>
</tbody>
</table>

**CATALOGING**

- **99PTM3275**
  - Bed Length: 42 in.
  - Between Centers (Inches): 36 in.
  - Taper: 1½ Morse
  - Weight (Lbs.): 135.00
  - Price: $135.00

- **99PTM3277F**
  - Bed Length: 48 in.
  - Between Centers (Inches): 48 in.
  - Taper: 1 Morse
  - Weight (Lbs.): 195.80
  - Price: $195.80

- **99PTM3279**
  - Bed Length: 50 in.
  - Between Centers (Inches): 50 in.
  - Taper: 2 Morse
  - Weight (Lbs.): 240.00
  - Price: $240.00

**TOOL HOLDERS**

- 6 Formed Tool Bits
  - 8 in. Set includes: (1) Turning bit, (2) Threading bit, (3) Face lathe bit.
  - (2) 6 in. Turning tool. Shipping weight: 1 lb.
  - 7 in. Turning tool. Shipping weight: 1 lb.

**TOOL POST TOOL SET**

- Includes set of tool post, spacers, 4 boring tools, 1/4 in. 1/8 in., 3/8 in., 1/2 in., 1 in.; 4 in. inside threading tool, 3/8 in. turning tool, and 1/2 in. threading tool. Shipping weight: 2 lbs.

**MICROMETER CARROUSEL STOP**

- Handy for boring or facing to a given point. Cutting off at a given point; duplicating longitudinal cuts; laying out work on a cylindrical surface; Charts on front bed way. An aid to better work. Shipping weight: 1 lb.

**VERSING SWITCH**

- Drum type switch. Essential for grinding and tapping, all types of fine metal and wood finishers. Permits changing direction of rotation of lathe spindle. (Not for repulsion induction motors.) Durable contact for long life. With cord and plug. Shipping weight: 6 lbs.

**FACE PLATES**

- For any lathe with 1½ in. 8-thread spindle as in the lathes on these two pages.

**SCROLL CHUCK**

- 8 in. 3-jaw, self-centering chuck. A real time saver for centering round or hexagonal work. Fully adjustable by turning one screw. Fits 1¼ in. 8-thread spindle as in lathes on these two pages. Shipping weight: 12 lbs. 11 oz.

**INDEPENDENT CHUCKS**

- Four reversible jaws, hardened and tempered. For 1¼ in. 8-thread spindle such as on lathes on these two pages.

**JACOBS' 1/8 IN. CHUCK**

- When fitted with arbor 9 PT 2184 (on opposite page), it may be used either in lathe head or tailstock for holding drills in Shipping weight: 2 lbs.

**JACOBS' CHUCKS**

- Spindle nose: Hollow capacity 1/4 in. Used on tailstock of lathe with adapter. Shipping weight: 4 lbs.

**LATHES DOGS**

- Drop forged, hold work firmly. Heat treated set screws. 100% sure to state size.

- 9 PT 2183
  - Size (in.): 1½
  - Weight (lbs.): 11.75
  - Price: $11.75

- 9 PT 2144
  - Center rest. Use in tailstock to hold centers in amature. Shipping weight: 5 lbs.
  - Price: $5.40

- 9 PT 2143
  - 0 to 1/4 in. Shipping weight: 6 lbs.
  - Price: $6.60

- 9 PT 2991
  - 3/4 to 1 in. Shipping weight: 7 lbs.
  - Price: $7.95
**COMPANION DRAW CUT**

POWER HACK SAW

**$24.95**

WHAT A WORK SAVER! FULLY AUTOMATIC IN ACTION

Rugged, sturdy design. Built for years of dependable service in shops, garages and factories. Set up the work and forget it. You can do another job while the hack saw finishes the cut. Extra large bronze bearings for long life. Takes material up to 4x4 in. Automatic relieving mechanism raises the blade from the work on the return stroke, increasing blade life and efficiency. Entire frame raises to install work. Vise is adjustable to cut any angle from 90° to 45°. Takes any standard 12-inch power hack saw blade. Smooth running gray iron gears.

99 PTM 2204—Shpg. wt. 80 lbs. $24.95
9 PT 6580—CRAFTSMAN 12-inch Power Blades, 14 teeth to the inch. ¾ in. wide, .025 in. thick. Shipping weight, 1 lb. 2 oz. Dozen. $9.95

**RIGID SUPPORT FOR ACCURATE LATHE WORK**

$19.95

This new lathe cabinet is a beauty! Modern streamlined design! Fully enclosed! Extra heavy welded steel construction to give rigid support for accurate lathe work. Heavy, smoothly finished mounting board on top. Two large doors with piano type hinges and snap catch locks. Large steel shelf furnishes a convenient place for change gears, tools, etc. Height, 32 ¾ inches. Width, 14 inches.

99 PTM 2786—45-inch length. For lathes with beds up to and including 44 inches. Shpg. wt. 50 lbs. $19.95
99 PTM 2787—57-inch length. For lathes with beds up to and including 54 inches. Shpg. wt. 116 lbs. $23.95

**CRAFTSMAN METAL LATHE ACCESSORIES**

**Universal Tool Post Grinder**

Grinds valves and cutters at any angle. Also pistons, bushings, reamers, valve stems, and lathe centers. Undercutting. Complete with motor, external and internal grinding wheels, quill for internal grinding, 6 mm undercutting saws, and diamond wheel dresser. Shipping weight, 23 lbs.

99 PT 2998. $45.00

**Taper Attachment**

An accurate taper attachment at a very moderate price. Easily installed—simple to operate. With this attachment it is not necessary to move the tailstock center out of alignment. Duplicate tapers can be cut accurately on pieces of different lengths. Boring work can be done as easily as external work. Index plate is graduated 2° and 8 in. both sides of center line. Fits old or new model CRAFTSMAN lathes. Shipping weight, 10 pounds.

9 PT 2984. $14.50

**Milling Attachment**


99 PT 2993—Fits old model CRAFTSMAN lathes. Fastens with two bolts from below. $14.95

9 PT 2989. $18.95

**Mica Undercutter**


9 PT 2999. $18.95

**High Speed Steel Milling Cutters**

Angular Type. For face milling or dovetailing. Use with threaded adapters supplied with Holding Collet 9 PT 2994. Shpg. wt. each, 3 oz.

<table>
<thead>
<tr>
<th>Dimm., in.</th>
<th>Thick., in.</th>
<th>Holes per in.</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>1/8</td>
<td>1/8</td>
<td>20</td>
<td>$3.35</td>
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<td>1/16</td>
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9 PT 2995—State size.


<table>
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<tr>
<td>1/8</td>
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<td>1/2</td>
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<td>$2.05</td>
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99 PT 2996—State size.


<table>
<thead>
<tr>
<th>Dimm., in.</th>
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<th>Price</th>
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<tr>
<td>1/8</td>
<td>1/2</td>
<td>$1.80</td>
</tr>
<tr>
<td>1/16</td>
<td>1/2</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

9 PT 2997—State size.

**Holding Collet**

For threaded-hole angular milling and keyway cutters, and 3/8-in. end mills. Shpg. wt. 3 lbs.

9 PT 2994 $5.40
9 PT 2995—4 bushing fits use with 1/8-, 1/16-, 1/16-, and 3/8-in. end mills. Shipping wt. 5 oz.
DO YOUR OWN ARC WELDING

GLASS INSULATED

CRAFTSMAN

$89.50 COMPLETE

- Delivers from 20 to 160 amperes of actual welding current
- For professional use and steady, continuous service
- Amazing double Vitroflex spun-glass insulation resists temperatures as high as 500 degrees—practically eliminates burnouts

One of the greatest advancements EVER made in welder design! Think of having a welder that withstands temperatures as high as 500° Fahrenheit! The amazing spun-glass Vitroflex insulation in the coils looks like fine silk thread but it's actually glass. Won't crack, break down, or short! Use it on the correct current supply (220 volts) and it is practically impossible to burn out the CRAFTSMAN glass insulated arc welder.

All steel cabinet and transformer supports like all finest arc welders, assure greater strength and eliminate warping and fire hazard. Heat range of six heats with maximum of 160 amps. This rating refers only to actual welding current—not to short circuit output which is meaningless and is always higher than welding current. Welds from 22-gauge up to heavy metal without preparation (any thickness if metal is pre-heated and beveled or "V'd"). Cuts iron, steel or cast iron. Will do braising or soldering. Bake lite selector plug and control panel make it easy to change heats INSTANTLY. Operates on 220-volt 60-cycle A.C. only. Complete with two 12 ft. welding cables; electrode holder; extension wiring; welder's helmet; sand of welding rods; carbon electrode for braising, soldering and cutting; and instructions. Shipping weight, 230 pounds.

99 PTT 2001...

$9.50

Welding Helmet

An absolute necessity for the welding operator! Protects him against sparks and shields his eyes from the brilliant light. You should never get close to a welder without the protection of a helmet. Strong and well made. Adjustable to any angle or to different sizes of head. May be thrown back out of way without removing from head. The eye shield has two layers of glass. The outer layer is made of ordinary inexpensive glass which protects the expensive special colored glass on the inside. Protect your eyes with this fine welding helmet. Shipping weight, 9 pounds 8 ounces.

9 PT 2009...

$4.95

PORTABLE UTILITY

COMPANION

$38.90 COMPLETE

- Delivers from 20 to 75 amperes of actual welding current
- New automatic voltage regulator increases voltage on low heat—makes it easy to strike and hold an arc
- New, improved compact design for easy handling

Entirely new! Greatly improved! By far the finest 110-volt welder we have ever sold! New Sears great new voltage regulator makes it possible to own an arc welder which will operate easily on a 110-volt line—even on low taps! The ideal machine for home workshop and small garages. Pays for itself on the first few jobs! Particularly recommended for light gauge metals, such as fenders, etc. Easily handles metals 22-gauge up to 3/16 in. thick. On 3/16-in. or heavier work it may be desirable to run several beads. Using this method quite heavy work may be handled. May also be used for braising and soldering.

Has all steel cabinet and transformer supports.

(Not recommended for steady, continuous service, but may be operated for 2 hours with a 50% duty cycle. For 110-120 volt 60 cycle A.C. only. Complete with two 12 ft. welding cables; electrode holder; extension cord and plug; welder's helmet; supply of welding rods; carbon electrode; and instructions. Shpg. wt. 110 lbs.

99 PTT 2049...

$38.90

Shielded Welding Rods

Those welding rods are intended particularly for A.C. arc welders. Also may be used on D.C. welders. They are covered with a heavy coating of flux. The exposed metal and also protects the surface of work being welded. At the intensely high temperatures of the arc, the flux oxidizes the metal and may be included in the weld if an effective flux is not used. Flux also allows the weld to cool more slowly. Recommended for general purpose work on iron and steel. Shipping weight, 5 pounds 12 ounces.

9 PT 2003—Specify size wanted.

Size...

3/16 in. 5/32 in.

5-lb. package...

$1.89 $1.49 $1.19 $1.10

99 PTT 2001...

$9.50

Page 23
SEARS ARE FAMOUS FOR FLEXIBLE SHAFTS

$18.95
Without Motor

Recognized as the finest flexible shaft outfit ever built at anywhere near its price! Now better than ever! Now has SKF ball bearing jack shaft mounted in an attractive, streamlined housing, which fully guards the entire four-speed belt drive! So designed that it is easy to change speeds.

Truly the tool of a thousand uses! Use it for grinding, polishing, buffing, sanding, drilling, carving, refinishing, paint removal, etc. Multi-speed attachment gives wide range of speeds for all kinds of work. Has steel and bronze construction in EVERY detail (for more complete description of parts, see outfits below). Outfit includes portable motor base, multi-speed belt drive, ball bearing jackshaft, two 40-inch lengths of casing and core, hand grip, 1/4-inch 24-thread adapter and chuck. The outfit will save you plenty of hard work!

99 PT 2606—Without motor. Shipping weight, 35 pounds. $18.95

COMPANION PORTABLE DIRECT-DRIVE FLEXIBLE SHAFT

$12.45
Without Motor

Exactly the same fine quality as above, but without the multi-speed belt drive. Shaft is connected directly to motor with motor coupling. Has two lengths of 48-inch casing and core. (Over-all length of complete shaft, 98 in.) Grease-tight casing is made of soft steel—has solid brass ferrule at each end. Portable motor base enables you to take the tool to the job.

The high tensile steel wire core is wound in alternate layers to form a strong, flexible drive. Handpiece spindle and motor coupling run on ball bearings. Ball bearing casters on motor base for easy portability. Outfit includes 1/4-inch motor coupling, two 48-inch lengths of casing and core, hand grip, handpiece, portable motor base, adapter, and chuck.

99 PT 2903—Without motor. Shpg. wt., 26 lbs. $12.45
99 PTM 2904—With 99 PT 9230 motor (see Page 99). Shpg. wt., 58 lbs. $21.95

COMPANION Direct Drive

Same construction as 99PT2903 above, but has a single length of shaft and comes without the caster mounted base. Complete with 1/4-inch chuck, chuck adapter, ball bearing motor coupling to fit any 1/4-inch motor shaft, casing, core, hand grip and ball bearing handpiece. Over-all length, 60 inches. Shipping wt., 4 lbs. 12 oz.

9 PT 2629—Complete outfit. $4.95

$5.45
Porta-Motor Base
May be used with CRAFTSMAN or COMPANION flexible shafts. Has ball bearing mounting, casters for easy portability. Caster axles are cast iron. Base plate is 11 x 3/4 x 3/4 in. and is permanently balanced. Has ball bearing vernier base to carry motor and machine. Shpg. wt., 12 lbs. 6 oz.

9 PT 2501—$3.90

$7.95
Multi-Speed Drive
Fill COMPANION or CRAFTSMAN flexible shafts. SKF ball bearing jackshalf is mounted in bicuclidean guillotine pulleys. By adjusting pulleys, speed may be varied from 0 to 3,600 R.P.M. 99 PT 2904—Rig through 99 PT 9230 only.

9 PT 2629—Shpg. wt., 8 lbs. $1.15

COMPANION Motor Coupling. Ball bearing. For 1/8-in. dia. motor shaft only.

9 PT 2637—Shpg. wt., 1 lbs. $1.25

COMPANION Core and Casting. 4 1/2-inch long. 128-in. core and casting. Used only with COMPANION shafts.

9 PT 2503—Casing. Shipping weight, 1 lbs. $1.15

9 PT 2506—Casing. Shipping weight, 2 lbs. $1.75

COMPANION Extension set. (Not shown) Includes ball bearing 99 PT 2630 core and 99 PT 2904 casting. Shpg. wt., 3 lbs. 12 oz. $2.20

A NEW TOOL EVERY

Sanding Drum, With abrasive sleeve. Ht. 1 in.; Shpg. wt., 1 oz. 9 PT 2418—Shpg. wt., 3 lbs. $1.25

Sanding Sleeves. State fine or coarse grit. Shpg. wt., 1 oz. 9 PT 2413—Shpg. wt., 3 lbs. $1.25

Wire Scratch Wheels. For removing rust, scale, and rust. 4 1/2-in. dia. 9 PT 6461—Shpg. wt., 1 oz. 9 PT 6463—Cone. Shpg. wt., 8 oz. 9 PT 6462—Fine. Shpg. wt., 8 oz.

Carbon Removing Brush. Diam. 1 in. Shpg. wt., 1 oz. 9 PT 6464—Shpg. wt., 8 oz.

Carpenter's Brush. Diam. 2 1/2 in. Shpg. wt., 8 oz. 9 PT 6465—Shpg. wt., 8 oz.

Graphite Lubricant. For use on cast iron (not for handpieces or couplings). Shipping weight, 1 oz. 9 PT 6237—Shpg. wt., 1 oz.

COMPANION Handpiece. Ball bearing. 1/8-in. dia. Shpg. wt., 6 oz. 9 PT 2638—Shpg. wt., 1 oz.

COMPANION Core & Casting. 4 1/2 in. long. 9 PT 2503—Shpg. wt., 1 oz.

COMPANION Grinding Wheel Guard. Changeable to 9 PT 2629 handpiece. An absolute necessity for grinding and wire work. Shpg. wt., 1 lb. 6 oz. 9 PT 2311—Shpg. wt., 12 oz.
CRAFTSMAN PORTABLE MULTI-SPEED FLEXIBLE SHAFT

$25.75

Without Motor

New! A super-quality flexible shaft! Extra big ... extra heavy ... extra strong! Built to stand up under tough production jobs in large industrial plants. Best of all, CRAFTSMAN brings you this shaft at 1/4 to 1/2 the usual price for flexible shafts of similar quality. It's built to last!

Heavy duty construction throughout! Has a 3-ply casing for long life (see outfit at right for complete description of casing and core). Heavy duty hard-ware has grease-packed precision SKF ball bearings — scientifically designed to prevent entrance of foreign matter to the bearings. Enclosed multi-speed belt drive gives a wide range of 7 speeds for all kinds of work — also equipped with precision SKF ball bearings. Alloy steel is used to provide long, trouble-free life. Complete with ball bearing castor-mounted base, CRAFTSMAN ball bearing handpiece, CRAFTSMAN ball bearing handpiece, casing, and core. Overall length of shaft, 6 feet.

99 PT 2518 — Without motor. Shpg. wt., 20 lbs. $25.75
99 PTM 2519 — With 99 PT 5587 3/4-H.P. 3450 condenser motor (Page 30). Shipping weight, 63 pounds. $42.00

CRAFTSMAN PORTABLE DIRECT-DRIVE FLEXIBLE SHAFT

$18.95

Without Motor

Same heavy duty construction as outfit at left, but shaft is connected directly to the motor with an SKF ball bearing motor coupling instead of having a multi-speed belt drive.

The new type casing in CRAFTSMAN flexible shafts above is made with 3 super-strong plates! Inside is a layer of hardened spring steel wire; then a layer of dead, soft steel wire; and then a thick layer of tough, long-lived rubber. The core is built of special alloy high carbon steel wire wound transversely around the center core wire — has tremendous strength! Fittings are made of chrome nickel steel. Outfit includes ball bearing castor base, SKF ball bearing handpiece, casing, and core, and SKF ball bearing motor coupling (see description of coupling in 9 PT 2521 outfit below).

99 PT 2513 — Without motor. Shipping weight, 24 lbs. $18.95
99 PTM 2514 — With 99 PT 5587 motor (Page 38). Shpg. wt., 38 lbs. $35.75

TIME YOU CHANGE ATTACHMENTS

Sheepskin Polishing Pad. Slips over 99 PT 2350 sanding drum. For polishing waxes, waxes, etc...
99 PT 2531 — Shpg. wt., 3 ozs. $7.95
99 PT 2532 — Shpg. wt., 3 ozs. $5.50

Mounted Grinding Points. Highest quality vitrified aluminum oxide, accurately mounted on flexible shafts in a high speed flexible shaft.

99 PT 6463 — M122 4ths. $9.75
99 PT 6466 — A12.4ths. $9.75
99 PT 6467 — A2.5ths. $9.75
99 PT 6468 — A12.5ths. $9.75
99 PT 6469 — A2.5ths. $9.75
99 PT 6470 — A12.5ths. $9.75
99 PT 6471 — A2.5ths. $9.75
99 PT 6472 — A12.5ths. $9.75

CRAFTSMAN direct-Drive Unit

99 PT 2511 — Complete outfit. $31.95

CRAFTSMAN Multi-Speed Floor Type Flexible Shaft

$41.50

Less Motor

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

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

99 PTM 2521 — Without motor. Shipping weight, 120 pounds. $41.50
99 PTM 2522 — With 99 PT 5087 motor (Page 38). Shipping weight, 154 pounds. $58.90

Angle Head

Permits mounting of accessories at right angles to shaft. Particularly handy for working on tenders, etc. Will fit either CRAFTSMAN or COMPASS or CRAFTSMAN flexible shafts or these two types. Pivot head is held in place by ball bearings. Machined in three parts of hardened steel. Pinch bored to grip and prevent stripped hands from sanding discs, etc. Shipping weight, 10 lbs.
99 PT 2499 — $16.95
CRAFTY... THE UNIVERSAL TOOL

- Does drilling, grinding, carving, polishing, engraving, sawing, sanding, cutting, routing, etc.
- New, built-in condenser. No radio interference.
- Has 50% more power than comparable rotary tools.
- 18,000 R.P.M. Universal motor for A.C. or D.C.
- Comes complete with 26 handy accessories.

When we introduced the CRAFTY last year, the results were amazing! Overnight it became one of the greatest successes we’ve EVER had in power tools! We couldn’t keep up with orders! Literally thousands were sold.

And NOW this new 1940 model is even better! NOW it has a built-in condenser to eliminate all radio interference— a feature you’ll find in no other rotary tool elsewhere at any price. NOW it has new refinements of design and construction for smoother operation and higher speed.

It actually has 50% more power than similar tools selling at MUCH higher prices. Has extra heavy field coils. Improved fan cooling system—gives packed precision ball bearing in front—self-aligning rear bronze bearing—and convenient toggle switch.

It’s a whole shop full of tools in one! Has hundreds and hundreds of uses... in every shop... in every tool room... in every line of industry. Use it for accurate drilling, carving, grinding, polishing, engraving, sawing, sanding, cutting, routing, etc. Use it on wood, metal, glass, plastics, or anything that can be machined.

Complete with 26 accessories. Set includes 6 grinding stones, 5 cutters, 3 drills, brushes, saws, polishing accessories, plus 1 saw and mandrel, 1 taper, 1 die, 6 chucks, 1 wheel, 1 wheel dresser, set of replacement brushes, rubber covered cord and plug, and heavy wood box. For A.C. or D.C. 220 or 115 Volts. See table on opposite page for detailed specifications. Shpg. wgt. 2 lbs. 10 oz.

9 PT 2661—Complete with accessories $15.45

FOR SHOP OR HOME

This outfit is particularly designed for the man who wants to use the CRAFTY only for certain types of work. It is exactly the same fine tool as described at right, but without the 26 accessories. You can buy any combination of the accessories shown below, depending on the type of work you wish to do. Or you can buy the sets of grinders or cutters shown on the opposite page. Complete with chuck wrench, collet chuck, socket wrench, set of replacement brushes, cord and plug, and handy box. For complete specifications see table on opposite page.

Shipping weight, 1 pound 8 ounces. 9 PT 2650 $9.95

ACCESSORIES FOR CRAFTY

(A) 9 PT 2670—Oblong cutter, 1/4-in. diam., 5/8-in. long, 59c
(B) 9 PT 2671—Q.V.1 cutter, Diam. 1/4 in., 59c
(C) 9 PT 2672—Cone cutter, Dia. 1/4-in., 59c
(D) 9 PT 2673—Q.V.1 cutter, Diam. 1/4-in., 59c
(E) 9 PT 2674—Flat 1 cutter, 1/4-in. diam., 7/8-in. long, 59c
(F) 9 PT 2675—Pointed cutter, 1/16-in. diam., 59c
(G) 9 PT 2676—Pointed cutter, 1/16-in. diam., 59c
(H) 9 PT 2677—Pointed stone, 1/4-in. diam., 7/8-in. long, 29c
(I) 9 PT 2678—Mounted emery wheel, 1/4-in. diam., 7/8-in. long, 29c
(J) 9 PT 2679—Mounted emery wheel, 3/8-in. diam., 7/8-in. long 29c
(K) 9 PT 2680—Mounted emery wheel, 1/2-in. diam., 7/8-in. long, 29c
(L) 9 PT 2681—Tapered stone, 1/4-in. diam., 7/8-in. long, 29c
(M) 9 PT 2682—Pointed stone, 3/4-in. diam., 7/8-in. long, 29c
(N) 9 PT 2683—Mounted stone, 1/4-in. diam., 7/8-in. long, 29c
(P) 9 PT 2684—High speed drill, 3/8-in. diam., 3/4-in. long, 45c
(Q) 9 PT 2685—High speed drill, 1/4-in. diam., 3/4-in. long, 45c
(R) 9 PT 2686—High speed drill, 5/32-in. diam., 3/4-in. long, 45c
(S) 9 PT 2687—Mounted stone, 1/4-in. diam., 7/8-in. long, 29c
(T) 9 PT 2688—Mounted stone, 1/2-in. diam., 7/8-in. long, 29c
(U) 9 PT 2689—Mounted stone, 3/4-in. diam., 7/8-in. long, 29c
(V) 9 PT 2690—Mounted stone, 1/4-in. diam., 7/8-in. long, 29c
(W) 9 PT 2691—Mounted stone, 1/2-in. diam., 7/8-in. long, 29c
(X) 9 PT 2692—Mounted stone, 3/4-in. diam., 7/8-in. long, 29c
(Y) 9 PT 2693—Mounted stone, 1/4-in. diam., 7/8-in. long, 29c
(Z) 9 PT 2694—Mounted stone, 1/2-in. diam., 7/8-in. long, 29c
(A) 9 PT 2695—Mounted stone, 3/4-in. diam., 7/8-in. long, 29c
(B) 9 PT 2696—Rounding stone, 1/4-in. diam., 7/8-in. long, 29c
(C) 9 PT 2697—Rounding stone, 1/4-in. diam., 7/8-in. long, 29c
(D) 9 PT 2698—Felt buffer, 1/4-in. diam., 5/8-in. long, 10c
(E) 9 PT 2699—Leather buffed polishing wheel, 1/4-in. diam., 5/8-in. long, 10c
(F) 9 PT 2680—Mounted stone, 1/4-in. diam., 7/8-in. long, 10c
(G) 9 PT 2681—Mounted stone, 1/2-in. diam., 7/8-in. long, 10c
(H) 9 PT 2682—Mounted stone, 3/4-in. diam., 7/8-in. long, 10c
(I) 9 PT 2683—Mounted stone, 1/4-in. diam., 7/8-in. long, 10c
(J) 9 PT 2684—Mounted stone, 1/2-in. diam., 7/8-in. long, 10c
(K) 9 PT 2685—Mounted stone, 3/4-in. diam., 7/8-in. long, 10c
(L) 9 PT 2686—Mounted stone, 1/4-in. diam., 7/8-in. long, 10c
(M) 9 PT 2687—Mounted stone, 1/2-in. diam., 7/8-in. long, 10c
(N) 9 PT 2688—Mounted stone, 3/4-in. diam., 7/8-in. long, 10c
(O) 9 PT 2689—Mounted stone, 1/4-in. diam., 7/8-in. long, 10c
(P) 9 PT 2690—Mounted stone, 1/2-in. diam., 7/8-in. long, 10c
(Q) 9 PT 2691—Mounted stone, 3/4-in. diam., 7/8-in. long, 10c
(R) 9 PT 2692—Mounted stone, 1/4-in. diam., 7/8-in. long, 10c
(S) 9 PT 2693—Mounted stone, 1/2-in. diam., 7/8-in. long, 10c
(T) 9 PT 2694—Mounted stone, 3/4-in. diam., 7/8-in. long, 10c
(U) 9 PT 2695—Mounted stone, 1/4-in. diam., 7/8-in. long, 10c
(V) 9 PT 2696—Mounted stone, 1/2-in. diam., 7/8-in. long, 10c
(W) 9 PT 2697—Mounted stone, 3/4-in. diam., 7/8-in. long, 10c
(X) 9 PT 2698—Mounted stone, 1/4-in. diam., 7/8-in. long, 10c
CRAFTY DELUXE...JACK OF ALL TRADES

- Removeable pistol grip for ease in handling.
- Finger rest over chuck helps control tool more accurately.
- Hexagon chuck assures positive locking and accurate alignment.
- Condenser steps radio interference.
- Gauge and rip fence—new accessories—deluxe fittings.

New! The Deluxe CRAFTY! Never before has there been a rotary tool like this—at ANY price! You'd expect to pay at least $30.00 for this quality! All the fine features which have made our standard CRAFTY so tremendously popular—and in addition, it has many extra exclusive features, refinements of design, and added accessories which make it even more outstanding in its field.

The sensational new pistol grip is much handled for drilling and many other uses. It may be easily removed for getting into close quarters. New finger rest over chuck helps operator to control tool more exactly. New exclusive built-in condenser positively eliminates all radio interference. New hexagon type chuck with improved collet insert in sure more perfect alignment and better locking of accessories. New gauge may be fitted on nose of tool to act as ripping guide. New polished aluminum barrel. New bigger and heavier box with piano type hinges and snap catch. New bigger assortment of accessories gives the Deluxe CRAFTY even greater versatility and usefulness.

You can realize the hundreds of uses for CRAFTY until you have owned one! Comes complete with 35 accessories. Includes all those shown on bottom of opposite page (except the 3 shaping cutters and felt buffing wheel) 2 chuck wrenches, collet chuck, socket wrench, squeegee wheel dresser, set of replacement brushes, cord and plug, and box. Shipping weight, 3 pounds 4 ounces.

9 PT 2652—Complete with accessories...$17.50

9 PT 2642—Pistol grip assembly only, for any model CRAFTY. Shipping weight, 4 ounces...50c

9 PT 2643—Guide and rip guide only, for any model CRAFTY equipped with pistol rest. Shipping weight, 4 ounces...25c

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Overall Length</th>
<th>7 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extreme Diameter</td>
<td>2 in.</td>
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<tr>
<td>Barre Diameter</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Bearings</td>
<td>1 bronze; 1 New Departure ball</td>
</tr>
<tr>
<td>Collets</td>
<td>1/8 and 1/16 in.</td>
</tr>
<tr>
<td>Speed</td>
<td>18,000 R.P.M.</td>
</tr>
<tr>
<td>Motor</td>
<td>Universal for 110-volt A.C. or D.C. 15 to 60 cycles</td>
</tr>
<tr>
<td>Maximum Capacity</td>
<td>1/4 inch</td>
</tr>
<tr>
<td>Insulation</td>
<td>Tested for safe voltage</td>
</tr>
<tr>
<td>Condenser</td>
<td>Built-in</td>
</tr>
<tr>
<td>Switch</td>
<td>Special design, positive break</td>
</tr>
<tr>
<td>Brushes</td>
<td>Large size carbon; replaceable from outside</td>
</tr>
<tr>
<td>Fan</td>
<td>Induction rotor; 4-blade</td>
</tr>
</tbody>
</table>

CRAFTY DRILL STAND

It's impossible to realize what a fine little drill press this stand makes until you see it! It's actually superior to similar outlets selling for more than three times as much! Just fasten your CRAFTY firmly in position in the barrel with two easy-screwing screws, and you've all set to go to work on hundreds of different kinds of intricate drilling jobs and other fine work.

Has heavy gray iron base, table and head. Table and base are accurately ground and slotted—are rectangular in shape to give the best possible support to the work. Base serves as an auxiliary table. Table locks securely to heavy steel column at any desired height for greater accuracy in operation in handling different jobs.

Has rack and pinion spring loaded feed which makes it possible to feed the drill very accurately. Stop device permits you to drill a series of holes to the same depth. May be used with any model of the CRAFTY. Shipping weight, 5 pounds 6 ounces.

9 PT 2844—Drill stand only without CRAFTY...$5.45

9 PT 2844A—Drill stand only without CRAFTY...$5.45

Cutters and Grinders

$1.59

9 PT 2648—Set of six grinding wheels. Includes H in top row of CRAFTY accessories on the opposite page. Shipping weight, 12 ounces...$1.59

9 PT 2848—Set of six grinding wheels. Includes B, C, D, E, F, G bottom row of CRAFTY accessories on the opposite page. Shipping weight, 14 ounces...$1.59

Router Stand

$1.95

9 PT 2647—Set of six routing lenses, includes A, B, C, D, E, F, G. Shipping weight, 10 ounces...$1.25

9 PT 2847—Set of six routing lenses, includes A, B, C, D, E, F, G. Bottom row of CRAFTY accessories on the opposite page. Shipping weight, 14 ounces...$1.59

Shaping and Grinding Stand

$3.59

9 PT 2646—Router stand only without CRAFTY...$1.95

9 PT 2846—Router stand only without CRAFTY...$1.95
**ACCU R A T E D D R I L L P R E S S E S**

**B U I L T F O R S E R V I C E**

**1/2-INCH CAPACITY**

- Drills to center of 1/2-inch circle
- Ball thrust bearing for smooth operation
- Equipped with bronze spindle bearings
- Has 1/2-inch capacity 3-jaw chuck

Don't be misled by the price of this Drill Press! It has the same rugged quality—the same fine features—the same smooth operation you'd expect to find only in drill presses selling at MUCH higher prices.

Capable of handling mortising, grooving, routing, and occasional shaping jobs as well as drilling, with the proper attachments (shown on page 32). Uses standard mortising housing. Range of 7 speeds allows efficient work to be done on either metal or wood. Ground steel spindle turns in bronze bearings and is cushioned against thrust by ball thrust bearing. Accurately ground table has diagonal slots to simplify adjusting attachments. Base serves as an auxiliary table. Steel quill is graduated 3 inches in 1/16-inch divisions. Spindle has stop collar for drilling a series of holes to the same depth. Feather-touch clamp locks head to column.

99 PTM 2378—Complete with V-belt, 4-step motor pulley, and 1/2-inch 3-jaw chuck. Less motor. Equipped with motor bracket. Shipping weight, 65 pounds. $15.45

99 PTM 2373—Same as above, except with **COMPANION** 1/2-h.p., 110-volt 60-cycle ball bearing motor 99 PT 9929 on page 29. Shipping weight, 102 pounds. $25.00

99 PTM 2368—Same as 99 PTM 2378, but with 1/4 to 1/2-inch Jacobs chuck on tapered spindle. Less motor. Shpg. wt. 66 lbs. $19.45

**COMPANION**

**Drill Press**

**With Idler Drive**

99 PTM 2378 described above, but equipped with idler drive instead of motor bracket. The idler drive makes it possible to drive the drill press from a 4-step shaft or jackshaft instead of using an individual motor. The idler drive assembly includes V-belt, idler pulleys, idler shaft and support. Shpg. wt. 66 lbs. $16.95

99 PTM 2377—Bolt and complete idler assembly only. (No credit for return of old motor bracket). Shipping weight, 7 lbs. $3.75

**COMPANION 3/8-INCH CAPACITY**

- Drills to the center of a 3/8-inch circle
- Ball thrust bearing in head absorbs spindle thrust to assure smooth accurate operation
- Sensitive hand lever feed—spring loaded
- Equipped with quick-adjusting idler pulleys

Now! Greatly improved! We've never sold so fine a drill press at this price before! It's a small utility drill built with same rugged column construction as our bigger and higher priced drills. It's large enough to handle most of your drilling jobs.

Easily handles both metal and wood. The auto-lubricating bronze bearings ensure smooth operation and long life. Has adjustable drill head and table. 3-speed, 3-inch cone drive pulley on spindle is covered by safety-guard. Has 5-inch square table to give firm support to work. Husky 6x11-inch base. Pull 3-inch spindle is reduced to 3/8 inch at chuck. Steady column is ground steel, 1 inch in diameter, 21 inches long. Accurately machined chuck takes drills up to 3/4 inch. 3/8-inch spindle travel. Complete with adjustable idler drive and spring loaded feed lever. Over-all height, 30 in.; width, 9 1/2 in.; depth, 13 1/2 in.

99 PTM 2368—Shipping weight, 20 pounds. $7.00

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>For 99 PTM 2378</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Height</td>
</tr>
<tr>
<td>Overall Width</td>
</tr>
<tr>
<td>Over-all Depth (With Motor)</td>
</tr>
<tr>
<td>Chuck (Threaded)</td>
</tr>
<tr>
<td>Spindle (Threaded)</td>
</tr>
<tr>
<td>Bearings</td>
</tr>
<tr>
<td>Drills to center of 1/2-in. circle</td>
</tr>
<tr>
<td>Spindle Travel</td>
</tr>
<tr>
<td>Table to Chuck (Max.)</td>
</tr>
<tr>
<td>Base to Chuck (Max.)</td>
</tr>
<tr>
<td>Swivel Vise</td>
</tr>
<tr>
<td>Table Travel</td>
</tr>
<tr>
<td>Table Size</td>
</tr>
<tr>
<td>Base Size</td>
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<tr>
<td>Quill Graduated</td>
</tr>
<tr>
<td>Speeds</td>
</tr>
<tr>
<td>Motor Recommended</td>
</tr>
<tr>
<td>1750 R.P.M.</td>
</tr>
<tr>
<td>Machine &amp; Motor</td>
</tr>
<tr>
<td>Tooling &amp; Mounting</td>
</tr>
<tr>
<td>Mounting</td>
</tr>
<tr>
<td>Mounting Dimensions</td>
</tr>
</tbody>
</table>
ALL PURPOSE
CRAFTSMAN
REG. U. S. PAT. OFF.

- Sears exclusive “floating drive” spindle assembly absorbs all belt pull—eliminates all "whine!"
- Three sets of SKF ball bearings (one double row); actually four rows of ball bearings!
- Spindle FLOATS FREE, entirely independent of pulley—double bearing takes belt pull for smooth operation
- ½-inch six-splined spindle carries ½ to ½-inch capacity Jacobs' chuck.
- Full range of 9 speeds—600 to 5200 R.P.M.
- Drills to the center of a 12% inch circle

Here's an outstanding example of the great values Sears offer in the power tool field! This drill incorporates all the basic features of fine drill press design. Be sure that your drill press has these two very important features—(1) SKF ball bearing construction, and (2) a genuine Jacobs’ chuck! In addition, this CRAFTSMAN drill press has the famous CRAFTSMAN “floating drive” spindle assembly!

Sears “floating drive” removes drill press vibration, which sometimes occurs at high speeds, by eliminating the side-pull of the belt on the spindle. In Sears drill, the pulley is mounted on a long steel sleeve which is in turn mounted on a double row SKF ball bearing accurately fitted into the drill head. Mounted independently of the spindle, the pulley transmits no side pull to it! This basic CRAFTSMAN improvement produces drill presses that stand out because of their smooth, efficient performance—even at high speeds!

Five Machines in One!
The CRAFTSMAN drill press is really five machines in one! With the proper attachments (shown on page 32) you can easily convert this drill press into an efficient spindle shaper—or use it for mortising, routing, sanding and dovetailing with equally fine results. This will enable the amateur to turn out work stamped with the true professional touch . . . beautiful mortise jobs . . . snug-fitting dovetailed joints . . . clear-cut relief carving . . . fine inlay work.

The CRAFTSMAN drill handles either metal or wood. Smooth, uniform feeding is assured by the heavy, ground steel quill with integral, accurately cut teeth. “Feather-touch” quill lock is provided. Impressed table with diagonal slots can be tilted to any angle. The heavy base is machined to serve as an auxiliary table; it is slotted for attachments. A quickly adjustable stop gauge indicates at all times the depth of holes being drilled. Has tapered spindle.

99 PTM 2380—CRAFTSMAN Drill Press without motor. With Jacobs’ chuck and key, V-belt and motor pulley. Shpg. wt., 85 lbs. $29.95
99 PTM 2385—Same as above, but with ½-H.P. ball bearing double shaft motor No. 99 PT 5620 on page 39. Shpg. wt., 112 lbs. $39.75

CRAFTSMAN Twist Drills

Finest quality! Properly tempered, accurately ground. Use carbon steel for slow speed drilling; high speed for electric drills and drill press. State size.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Drill Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8 in.</td>
<td>1, 2 1/4, 2 1/2, 3 1/2, 4 1/2, 5 1/2</td>
</tr>
<tr>
<td>5/32 in.</td>
<td>3 1/2, 4 1/2, 5 1/2</td>
</tr>
<tr>
<td>3/32 in.</td>
<td>3 1/2, 4 1/2, 5 1/2</td>
</tr>
<tr>
<td>1/32 in.</td>
<td>3 1/2, 4 1/2, 5 1/2</td>
</tr>
</tbody>
</table>

CRAFTSMAN Twist Drill Sets

CRAFTSMAN quality! Sets include 1/8, 1/4, 5/32, 1/32, 1/64 in. sizes. Use carbon steel drills for slow speed drilling; high speed drills in electric drills and drill press. Shipping weight, 6 ounces. 9 PT 5665—Set of 7 carbon steel drills—$1.75

9 PT 5666—Set of 13 steel drills—$1.75

Multi-Speed Attachment

Install one of these on your CRAFTSMAN drill and handle any job efficiently—regardless of the speed required. Sews down drill for proper drilling in metal and speeds up R.P.M. for correct efficient routing. (See chart at right.) Use 4½-H.P. motor, 1720 R.P.M., for high speeds. ½-H.P. is adequate for regular and low speeds. U.S. Patent Number 207204. Shipping weight, 5 pounds. 9 PT 5397—Variable speed attachment and 2 Vee belts ready to use. $7.50

Notice Speed Range

The CRAFTSMAN Drill Press fitted with our patented multi-speed attachment at left will provide 20 different speeds ranging from 200 to 10,000 R.P.M. (In addition to the ordinary slow speed drill press) to over 10,000 R.P.M. The RIGHT speed for every job! That means better results!
HEAVY DUTY CRAFTSMAN

SPECIFICATIONS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Over-all Height</td>
<td>39 1/2 in.</td>
</tr>
<tr>
<td>Over-all Width</td>
<td>12 1/2 in.</td>
</tr>
<tr>
<td>Over-all Depth</td>
<td>25 in.</td>
</tr>
<tr>
<td>Chuck</td>
<td>Jacobs, 0 to 1/2 in.</td>
</tr>
<tr>
<td>Spindle (Tapered)</td>
<td>6-spline</td>
</tr>
<tr>
<td>Bearings</td>
<td>4: SKF ball</td>
</tr>
<tr>
<td>Drills to Center</td>
<td>16-in. circle</td>
</tr>
<tr>
<td>Spindle Travel</td>
<td>4 in.</td>
</tr>
<tr>
<td>Table to Chuck (Maximum)</td>
<td>11 in.</td>
</tr>
<tr>
<td>Column Diameter (Outside)</td>
<td>2 1/2 in.</td>
</tr>
<tr>
<td>Table Travel</td>
<td>11 in.</td>
</tr>
<tr>
<td>Table Size</td>
<td>10 x 10 in. (Ground finish)</td>
</tr>
<tr>
<td>Base Size</td>
<td>10 x 10 in. (Ground finish)</td>
</tr>
<tr>
<td>Depth Gauge Graduated</td>
<td>0 to 4 inches in 1/4-in. divisions</td>
</tr>
<tr>
<td>Speeds</td>
<td>91, 600 to 5200 R.P.M.</td>
</tr>
<tr>
<td>Motor</td>
<td>1/4-H.P. or 1/2-H.P., 1750 R.P.M., motor</td>
</tr>
<tr>
<td>Machine Pulley Supplied</td>
<td>4-step; 5-in.</td>
</tr>
<tr>
<td>Motor Pulley Supplied</td>
<td>4-step; 5-in.</td>
</tr>
<tr>
<td>Counting Dimensions (From center of holes in base)</td>
<td>10 1/2 x 17 in.</td>
</tr>
</tbody>
</table>

BENCH MODEL

Exactly the same fine features . . . the same rugged, heavy duty construction . . . the same sensational "Floating Drive" as in the CRAFTSMAN floor type heavy duty drill press on the opposite page—but in a bench type model. It's by far our finest bench type drill press!

The "Floating Drive" construction is a basic improvement that produces in the CRAFTSMAN heavy duty drill presses the finest, smoothest, most accurate operation it is possible to obtain. The drive pulley is mounted on a heavy tubular steel spindle which is supported on two sets of heavy duty deep-row deep ball bearings in the drill head—entirely independent from the spindle. This unit absorbs all the side pull from the belt and transmits only a turning force to the spindle. The spindle itself is also mounted on two sets of heavy duty deep-row deep ball bearings within the quill, as shown in the small illustration at right.

99 PTM 2407—CRAFTSMAN Heavy Duty Bench Model Drill Press with motor pulley, belt, and 0 to 1/2-inch Jacobs chuck. Shpg. wt. 115 lbs. $37.50

99 PTM 2388—As above, complete with 3/4 HP. 110/120 volt, 60-cycle A.C. motor.

Shipping weight, 147 pounds. $47.25

Belt Tension Release

Replaces regular motor base. Enables entire motor to swing on pivot towards head, thus relieving belt tension. Single lever control. Makes it easy to release belt tension when necessary to change speeds. Shpg. wt. 12 lbs.

99 PTM 2380—Belt release for 99 PTM 2380 (Page 29). 99 PTM 2407 (above) and 99 PTM 2382 (on opposite page) drill presses. $3.75

SPT 2787—1/4-inch by 45-inch V belt for use of belt release with any of above mentioned drill presses. Shimomart weight. 7 ounces. .45c

Page 30

COMPASSION Drill Vise

Ensures accuracy with this vise by holding the work firmly in position while it is being drilled or worked on. Makes working with small pieces more convenient. Oxidized, non-rusting finish. Accurately cut screw with knurled end for fast action and bar for locking. 2 1/2 in. jaws open 3 in. Over-all length, 10 1/2 in. Complete with 2 extra jaws, one for round or irregular work and swivel jaw for tapered pieces.

99 PTM 2408—Shpg. wt. 4 lbs. $1.98

Sanding Drum

Has 1/4-in. shaft. Use in roll chuck. Works on any of our tapered spindle drills and is locked firmly into position by knurled ring. Takes No. 2 Morse taper shank drills. Accurately machined. Shpg. wt. 8 oz. $9.25

Tapered Adapter

For drill presses on Pages 30 and 31 or any drill with 1 1/2-inch column. Locks on column under head. Supports the head when clamp is released. Makes it easy to swing the head around for working at different points over the table. Shipping weight, 4 pounds 8 ounces. 99 PTM 2408. $1.45
Every year more and more large industrial plants are installing CRAFTSMAN drill presses. They stand the steady, grueling, day-after-day grind—meeting the exacting demands of production jobs that require the utmost in accuracy, versatility and long-life construction. This is positive proof of their high quality!

**FLOOR MODEL**
- Sears exclusive “Floating Drive” insures smoothest possible performance.
- Equipped with precision 25CF ball bearings.
- 1/8-inch 6-splined automotive type spindle.
- 0 to 3/4-inch Jacobs' key chuck.
- Drills to center of 15-inch circle.

On these two pages you will find Sears finest drill presses—sleek, precision, construction and novelty, vibrationless performance! There’s no finer power tool in the market today!

Notice that the husky floor type model is almost 6 feet high! Has Sears great “Floating Drive” spindle assembly to assure the finest possible drill press performance (see opposite page for description). Handles shaping, mortising, routing, sanding and dovetailing with proper attachments (shown on Page 32). Handles either metal or wood. Table may be tilted to any angle. Accurate depth gauge is graduated for entire 4-inch feed range in 1/16-inch divisions. Spring tension on chuck return has rate of adjustment for different types of work such as large or small drillers.

99 PTM 2392—CRAFTSMAN Heavy Duty Floor Type Drill Press with motor pulley, belt, and 0 to 1 1/4-inch Jacobs' chuck. Standard pulley guard as shown on 99 PTM 2393 on opposite page. Belt and pulley guard, 100 pounds...$44.99
99 PTM 2393—Same as above, but with 99 PT 2900 COMPANION ball bearings 1/8-inch H.P. motor as shown on Page 32. Shipping weight, 170 pounds. $52.50
99 PTM 2394—Same as 99 PTM 2392 but equipped with new streamlined belt and pulley guard. Without motor. Shipping weight, 170 pounds...$61.00
99 PTM 2395—Same as 99 PTM 2392 but equipped with new streamlined belt and pulley guard and COMPANION ball bearing 1/8-inch H.P. motor. Shipping weight, 200 pounds...$76.00

Belt and Pulley Guard. Made of aluminum and hinged at the side to make pulleys and belts accessible for speed changes. Required by many industrial safety codes. Fits bench or floor model. Shipping weight, 0 pounds.

9 PT 2384...

**PROPER DRILL SPEED FOR EVERY JOB**

The many uses of CRAFTSMAN drills call for a wide range of speeds. Our patented speed range attachment (illustrated and listed at the right) will convert a 9 or 16-speed CRAFTSMAN drill press into a twenty-speed drill. Of these 20 speeds, 8 are from 100 to 1000 R.P.M.—offering the correct speed for wood drilling, shaping, routing, carving, etc.

With a speed range starting as half the I.P.M. of the ordinary slow speed drill up to 10,000 R.P.M., your drill can handle almost any job and can handle it at the proper speed for the cutter being used.

**MULTI-SPEED ATTACHMENT**

The right speed for every job! The chart at left shows how the CRAFTSMAN multi-speed attachment (Pat. No. 2073704) enables you to get the most out of your drill. Finest ball bearing construction, designed so that tensions are easily adjusted. If used to secure high speeds, we recommend 1/4 H.P. 1750 R.P.M. motor (see Pages 78-80). Fits only on drill press on Pages 30-31. Shown wt. 5 lbs.

9 PT 2384...

Page 31
DRILL PRESS ACCESSORIES
FOR
DOVETAILING
AND MORTISING

Hold-Down Guide
Indispensable in mortising as it prevents the work from being lifted when chisel is raised. Adjustable for thickness or thin material. Keeps the work lined up. Bolts to drill press table. Fence part can be used with our hold-down as a guide in routing inlay work, etc. Heavy gray iron construction. Fingers on hold-down securely hold work. Can be used on 99 PTM 2200 (Page 29) and 99 PTM 2000 or 99 PTM 2001 (Pages 30, 31). Shpg. wt. 6 lbs. 6 oz.
9 PT 2437—Hold-down guide and bracket for mortising $1.85

Hollow Chisel Mortising
To cut square holes with drill press:
9 PT 2462—Mounting bit for 9 PT 2461. 1/4" shank and 1/2" shank.
9 PT 2473—Collet chuck for tapered spindles. Shipping weight 1/2 oz.
9 PT 2450—Collet chuck, 1/2" shank and 1/2" inside diameter. Shipping weight 1/2 oz.
9 PT 2451—Collet chuck for threaded spindles. Shipping weight 1/2 oz.
9 PT 2445—Mounted grinding point for sharpening chisels, 3/8" shank, 1/2" outside diameter.

Dovetailing Attachment
To make perfect dovetail joints. Each section is a separate piece. Sizes vary. Made to dovetailing attachment. Includes a steel comb, slotted to guide shank of router from a predetermined depth. Complete with end pieces, poison, shims, and clamps for holding work and a 1/4" dovetail router. Wood parts not supplied. Pieces to be dovetailed are held at right angles in clamp so cutter may be guided throughout entire piece without the other. U.S. Pat. No. 1651810.
9 PT 2462—Dovetail attachment and instructions.
Shpg. wt. 4 lbs. 1 oz. $3.45

Drill Press Milling Vise
$19.95
For doing accurate drilling and layout work, also for light milling. Clamps on drill press table. Base is graduated through 180 degrees—can be swiveled and locked at any angle. Work is locked on table between two adjustable jaws. By use of the two cross feed controls, work may be moved to any desired position. Equipped with dovetailed ways for smooth, accurate operation. Shipping weight, 18 pounds.
99 PT 2432 $19.95
9 PT 2402 $0.95

Shape Attachment
9 PT 2404 $5.55

Adapters and Cutters
Adapters are for tapered spindle. Mount as shown in illustration at right:
9 PT 2462—Collet sleeve for tapered spindle. Shipping weight 1/4 oz.
9 PT 2463—Collet sleeve for tapered spindle. Shipping weight 1/4 oz.
9 PT 2464—Collet sleeve for tapered spindle. Shipping weight 1/4 oz.
9 PT 2465—Collet sleeve for tapered spindle. Shipping weight 1/4 oz.
9 PT 2466—Collet sleeve for tapered spindle. Shipping weight 1/4 oz.
9 PT 2467—Collet sleeve for tapered spindle. Shipping weight 1/4 oz.
9 PT 2468—Collet sleeve for tapered spindle. Shipping weight 1/4 oz.
9 PT 2469—Collet sleeve for tapered spindle. Shipping weight 1/4 oz.
9 PT 2470—Collet sleeve for tapered spindle. Shipping weight 1/4 oz.

Tapered Spindles
These tapered spindles on drill presses are permanently installed by master drillers. They will fit spindle (D) is tapered below the threaded part to handle all accessories. Wedge (E) may be used to remove chuck. (F) is threaded inside for the outside of collet (G) securely locks when in position. Always use the collet chuck when routing.
9 PT 2410 $5.00

ACCESSORIES FOR CRAFTSMAN SHAPERS...SEE PAGE II

Shipping weight of all accessories listed below is 4 ounces each, unless otherwise specified.
COMPANION STANDARD WORK BENCH

Don’t be misled by this low price! This new work bench is equal to benches selling at much higher prices elsewhere! Only Sears tremendous buying power makes this money-saving offer possible!

Similar to the bench at right but without the drawer and vise and with slightly lighter legs. Legs measure 1½-in. thick by 4½-in. wide. For heavier work, we recommend the heavy duty bench, but for most general work this standard bench will give perfect satisfaction.

Kiln dried lumber is used throughout—carefully milled and fitted. Top measures 26 inches by 6 feet; plenty of room for several power tools. Over-all height, 32 inches. Top is 1½ inches thick. Actual weight, 100 pounds.

Shipped unassembled to save you on assembly costs and freight. Complete with all necessary nails, and simple instructions to make assembly quick and easy. All you need is a hammer. Shipping weight, 110 pounds.

$7.50

99 PTM 2716

COMPANION HEAVY DUTY WORK BENCH

The most popular work bench we have ever sold—and no wonder! It’s massive—rugged—sturdy! Actually weighs 134 pounds! Size of top, 26 inches by 6 feet. Height, 32 inches. Top is full 1½ inches thick! For power tools... for any woodworking purpose... for general repair work around the home—this bench will fill the bill! Power tools run more smoothly and quietly when mounted on its solid top.

Every piece of lumber is kiln dried, accurately milled and fitted, Legs are very rigidly braced. Has big, easy-sliding drawer. Complete with large capacity woodworking vise with bench screw and heavy wood handle. Shipped unassembled to save you freight. Easily assembled. All you need is a hammer—we ship bench complete, down to the last nail! Shipping weight, 135 pounds.

$10.95

99 PTM 2721

Work Bench Legs

Make your own work bench! Legs have bracket, for making lower shelf. Work bench type is used in making a regular width work bench; lattice for lattice bench. Height of work bench type, 32½ in.; width, 10½ in. Height of lattice type, 32½ in.; top width, 10½ in. Use 1½ or 2-inch boards for top. Shipping weight, 58 pounds. 99 PTM 2722 — Work bench legs... $3.95 99 PTM 2738 — Ladder bench legs... $3.95

Metal Joints

Make your own saw horse! No nails needed with these COMPANION rustproof malleable iron joints. Locktight gripppers prevent wobbling. May be used again and again. 99 PTM 2294 — Joints for 1½ lumber, per set of 2... Shpg. wt., 4 lb. $1.10 99 PTM 2927 — Joints for 2½ lumber, per set of 2... Shpg. wt., 10 lb. $1.80

Wood Machine Stand

Selected long grain Douglas Fir. Every piece kiln dried, milled and fitted. Width, 19 inches; length, 25 inches; height, 20 inches. Top is 1½ inches thick. Legs are 2½ inches square. Apron and shelf are cut from ¾-inch stock. Built-in lower shelf to hold motor or tools. Packed flat for shipping. Easy to assemble. Holes drilled for bolts at important points. Bolts, nails and complete instructions furnished for assembling. A good low priced machine stand. Shpg. wt., 27 lb. 99 PTM 2743 — $3.75

Steel Machine Stand

14-gauge steel. Top and shelf adjustable. Shipped flat, very easily assembled. 99 PTM 2744 — Top, 10½ in. Height, 28 in. For 2-speed or 3-speed 12-in. band saw... $4.95 99 PTM 2745 — Top, 10½ in. Height, 31 inches. For use with most other power tools except for bandsaw on pages 29, 40, or bench saw on Page 3... $4.95 99 PTM 2746 — Top, 10½ in. Height, 31 inches. For 2-speed or 3-speed 12-in. band saw... $5.95 99 PTM 2747 — Top, 10½ in. Height, 31 inches. For use with most other power tools except for bandsaw... Page 3... $6.65

New Machine Stand

New, modern streamlined design! Fully enclosed! Rugged heavy gauge steel construction insures a rigid, non-vibrating machine stand. Comes in two heights to fit individual needs of operator. Top is 12x26 in. From base handy snap catch door. Full instructions furnished for installing a wooden shelf if underdrive is desired. Dark blue finish. The ideal stand for your power tools. 99 PTM 2755 — Height, 27 inches... Shipping weight, 47 lb. $8.45 99 PTM 2790 — Height, 31 inches. Shipping weight, 49 lb. $8.45
SEARS SPECIALIZE IN DEPENDABLE DRILLS

**COMPANY Utility Drill**
- Chuck takes drills up to 1/2 inch.
- Rugged and sturdy universal type motor.
- Ball bearing takes up end thrust.
- Double reduction gears give extra power.

A sturdy, dependable drill for general work around the shop, garage, and home. It represents the most service and satisfaction ever offered at anywhere near this low price. It's light—but it packs plenty of power! Compact and well balanced; easy to handle. Runs smoothly and efficiently. Equipped with 3-jaw chuck with capacity up to 1/2 inch. Has well-made double reduction gear train, fully enclosed in head. No-load spindle speed, approximately 1500 R.P.M. Overall length, 11 1/2 inches. Operates on 110-120 volt, A.C. or D.C. Complete with handy toggle switch and 6 ft. rubber covered cord with unbreakable plug. Shipping weight, 8 pounds 6 ounces.

**CRAFTSMAN 1/2-Inch Pistol Drill**
- Actually priced to save you over 50%!
- 1/2-in. Jacobs' key chuck...
- Double reduction gears.
- Sensational, new, handy, compact design.
- Equipped with powerful universal motor.

To our knowledge, no drill of this type and quality has EVER been sold for less than $8.00. Introducing Handsomely popular new small size which is rapidly taking the place of large, unwieldy drills! We tried to keep this drill under 6-1/4 inch bit on steel plate, but it just couldn't be done. Modern methods of design make this combination of power and light weight possible. Weight only 2 1/2 pounds! Has two sets of SKF ball bearings together with needle and bronze bearings. Hardened steel double reduction gears. Clearance length is line with chuck, only 5 inches. No-load speed, 1700 R.P.M. For 110-120 volt A.C. or D.C. With built-in switch, rubber cord and unbreakable plug. Shipping weight, 8 pounds 6 ounces.

**CRAFTSMAN Heavy Duty**
- Westinghouse heavy duty universal ball bearing motor.
- Reduction gears are heat treated chrome-nickel steel—improve with use!
- Armature and chuck spindles run on lifetime New Departure ball bearings sealed in oil.
- Manufactured and tested to exceed A.I.E.E. and N.E.M.A. standards.

Built with plenty of surplus power for the heavy job! We guarantee that it will not stall when used with the maximum size drill specified below. Has genuine Jacobs' key chuck. Underwriters approved double pole automatic releasing switch locks for continuous running. For 110-120 volt A.C. or D.C. 10 ft. 3-wire rubber cord and unbreakable plug. Over-all length, 18 3/4 inches.

**COMPANY 1/4-Inch Drill**
- Strong General Electric universal motor.
- Double reduction gears are heat-treated chrome-nickel steel—improve with use!
- 1/4-inch capacity Jacobs' key chuck.
- Manufactured and tested to exceed A.I.E.E. and N.E.M.A. standards.


**CRAFTSMAN Heavy Duty**
- Westinghouse extra heavy duty universal ball bearing motor.
- Spindles run on lifetime New Departure ball bearings sealed in oil.
- Triple reduction gears are heat treated chrome-nickel steel—improve with use!
- Equipped with genuine Jacobs' key chuck.
- Manufactured and tested to exceed A.I.E.E. and N.E.M.A. standards.

Our finest drill! Built for heaviest production work in garages, factories, etc. Guaranteed not to stall on any job with the largest drill size specified! Armature shaft runs on oil sealed ball bearings. Genuine Jacobs' key chuck. Underwriters approved, fully enclosed double-pole automatic releasing switch; locks for continuous running. For 110-120 volt A.C. or D.C. With 10 foot 3-wire rubber cord and unbreakable plug.
CRAFTSMAN ANNOUNCES
A NEW ELECTRIC HAND SAW

The ideal tool for contractors. Cuts jack, valley and hip rafters for roofs of any pitch. Ideal for compound miter cuts.

Notches rafters in double-quick time! Cuts with accuracy for snug, perfect-fitting joints.

Nail your rough flooring in position, trim it with a CRAFTSMAN Saw on the job.

NO JOB TOO TOUGH, NOR TOO EXACTING!

- Heavy duty construction—built for production use
- Finest 7-inch combination blade will cut any kind of wood up to 2½ inches thick
- Precision ball bearings used throughout for smooth frictionless operation and lifetime service
- Base adjustable for depth of cut: tilts for bevel cuts up to 45 degrees

$88.50

One of the most important additions that we have ever made to the CRAFTSMAN line. Designed and built for steady production work for tough jobs—for day after day of continuous service. It's the ideal tool for contractors, carpenters, maintenance men, builders, production men—and others too numerous to mention.

This fine tool will pay for itself many times over in actual saving of time and labor. It's the modern way to build—eliminates tedious hand sawing—speeds up the job. Cuts down on labor cost. We believe this saw is the finest of its type in America. It's $130.00 worth of tool in everything but price. Every worthwhile feature we know of is incorporated in its design. Just check these features—that's all we ask.

Blade is 7-inch diameter and cuts 2½ inches thick vertically or 1½ inches at 45° angle. This means you can cut through a dressed 2x4 at 45°. Motor is Universal type for 110-volt A.C. or D.C. Powerful enough to rip a 2-inch plank 12 feet long in 35 seconds. Bearings: Only precision ball bearings are used; accurately mounted on precision round chrome nickel steel shafts. Lubrication at one point greases all bearings. Drive: Multiple worm and gear are matched. Worm is ground to an accuracy of .0002 in. Frame: Cast from virgin aluminum alloy in steel die for light weight and perfect alignment. Guard: Rotates on ball bearings and telescopes out of the way for maximum protection. Blower: Built-in housing keeps sawdust from the line. Operates from motor fan. Carrying Case: Heavy gauge all steel.

Look it over—we believe you'll agree this saw has everything. Complete with blade, heavy 10-foot rubber-covered cord and unbreakable plug, socket wench, tube of lubricant and all steel carrying case. Shipping weight, 35 pounds.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
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<tr>
<td>Over-all Height</td>
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<td>At 45°</td>
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<td>Bearings</td>
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<td>Free Speed of Blade</td>
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<td>Motor</td>
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<td>Switch</td>
<td>Double pole, enclosed</td>
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<tr>
<td>Guard</td>
<td>Automatic telescoping</td>
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<tr>
<td>Blower</td>
<td>Keeps sawdust off line</td>
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</table>

CRAFTSMAN Circular Saw
7-inch combination saw for electric hand saw 9877336. Can be used for ripping, crosscutting or mitering. Hand set and blade. Shipping weight, 12 oz. $9.95

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NO SHOP IS COMPLETE WITHOUT A GRINDER

CRAFTSMAN HEAVY DUTY BALL BEARING GRINDER

$7.75

This heavy duty ball bearing grinder is precision built throughout. For ease of operation and long wearing quality it can't be beat. Only the highest quality materials and workmanship are used. Every moving part is cushioned on high quality ball bearings. Sealed against dirt and grime, these bearings ensure a long-lived, quiet-running machine. Plenty of Clearance around the wheel and 10 inches between centers. Perfectly machined 3/4 x 4 1/4 inch spindle is designed to accommodate the throat, which heavy grinding requires upon it and is turned down to 1/4 inch at ends. Streamlined hooded frame-a safety feature. Two-step drive pulley permits adjustment of speed to the material being worked. Stylish adjustable tool rest. Strong gray iron wheel guards. TWO CRAFTSMAN fully vitrified 6 x 1 inch grinding wheels, one medium coarse and one medium fine. Accurately machined steel collar insures grinding wheels running straight and true. Complete with 43/4 x 4 1/2 inch V-belts. May be driven from below or behind. Blue enamel finish. Shipping weight, 18 pounds.

6 INCH DELUXE GRINDER

$5.25

A sturdy, smooth running grinder, ideal for home or shop. Plenty of clearance to handle large jobs. Full 7 inches between wheel centers. Close, precision-ground, heavy-duty iron frame, well-ribbed for added strength. 7/8 inch spindle is 1/4 inch in diameter, turned down to 1/4 inch at ends to fit standard wheels and accessories. Heavy, extra-long bronze bearings. Adjustable gray iron wheel guards. Adjustable tool rest. Streamlined hooded frame covers two-step V-drive pulley. Two HICAR 6 x 4 inch fully vitrified grinding wheels, one medium course, one medium fine. Oil cups. May be driven from below or behind. Blue enamel finish. Shipping weight, 15 pounds.

4 INCH UTILITY GRINDER

$1.95

Keep your tools sharp with this well-made, inexpensive utility grinder. A remarkable value at this low price. Can easily be driven from below or behind. Close, precision-ground gray iron frame. Streamlined design keeps the drive pulley enclosed for utmost safety. 3/4 inch steel spindle turned down to 3/4 inch at ends to fit all standard wheels and accessories. See Page 40. 2 inch diameter V-type pulley for either 3/8 or 1/2 inch V-belt. Two fast-cutting 4 x 3 inch grinding wheels, one fine grain and the other medium. Pressed steel collar keeps wheels in perfect alignment. Oil cups. Adjustable tool rest. Attractive blue enamel finish. Shipping weight, 6 pounds 2 ounces.

ONE OF THE HANDIEST TOOLS FOR HOME OR SHOP

COMPANY POLISHING SET AND POLISHING HEADS

$2.39

Once you have this polishing set you'll wonder how you ever got along without it! You'll agree that it's the handiest all-purpose tool in your entire shop! Sharpening tools, removing paint or rust, grinding, polishing, drilling—in this set handles them all! Head is 6 1/2 inches high, has 3 1/2 inch spindle and is equipped with machined steel bushing and all cups. A 3 1/2 inch V-type pulley for either 3/8 or 1/2 inch belt. Strongly and accurately made of high-grade materials, this convenient set is good for years of service. Set includes the polishing head, 3/8 inch capacity 3 jaw chuck, 4 x 3 inch HICAR V TYPE pulley for either 3/8 or 1/2 inch belt. Used with medium fine vitrified grinding wheel, two 4 x 3 inch wire wheels (one course and one fine), a 1/2 inch cloth buff wheel, and 1/2 inch polishing compound.

$1.99

Stennard. A sturdy, accuracy made polishing head for home or shop. Long life bronze bearings. Rugged streamlined designed, gray iron frame covers drive pulley. Can be driven from below or behind. 3 1/2 inch steel spindle. Machined steel collar. 3 1/2 inch V-type pulley for either 3/8 or 1/2 inch belt. Can be used for grinding, sharpening, buffing, polishing, etc. Accessories needed for above operations, see page 42. Over-all height, 7 1/2 inches. Blue enamel finish.

$1.19

Heavy Duty. Highest quality materials and construction throughout. Long life bronze bearings. Heavy cast iron frame, 8 1/2 inch steel spindle takes all standard wheels and accessories. Precision built 3 jaw chuck will take drills up to 3/8 inch in diameter. Can be driven from below or behind. Cautiously machined steel collar. Streamlined hooded frame covers 3 1/2 inch V-type pulley. Can be run by either 3/8 or 1/2 inch V-belt. Oil cups. Over-all height, 9 1/2 inches. Blue enamel finish.

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www.OzarkToolManuals.com
COMPANION 1⁄4 H.P. GRINDER

$15.45

You would expect to pay at least $20.00 for a grinder of this quality! The sturdy 1⁄4-H.P. motor makes this grinder powerful enough to handle most any job. Ideal for work such as tool and cutter grinding, buffing, polishing, etc.

This smooth running grinder will give you years of trouble-free service. Husky 1⁄4-H.P. motor is equipped with New Departure ball bearings, which are packed in grease and sealed against dirt. Two 6 x 3/4-inch fully vitrified wheels, one coarse and one fine. Heavy duty glass shields protect operator's eyes against flying grit—a real safety feature. Shields can be raised for polishing and buffing operations. Adjustable tool rests. Handy built-in toggle switch allows you to start or stop motor without pulling out plug. Special soft rubber mountings isolate against vibration. Motor turns 3450 R.P.M. at full load; 3600 R.P.M. at no load. For 110-volt 60-cycle A.C. 6-foot rubber covered cord and plug. Shipping weight, 41 pounds.

99 PT 2616—COMPANION 1⁄4-H.P. Grinder...........................$15.45

CRAFTSMAN 1⁄3 H.P. GRINDER

$23.95

This grinder would be a real value even at $35.00. Especially built for the shop or garage owner who wants many years of reliable service at very small cost. Bigger motor—larger wheels—greater clearance between wheels. New, easy starting reactor start induction run motor has sealed-in New Departure ball bearings protected against abrasive dust. Perfect fitting wheel collars and rubber mountings eliminate all vibration. 13-inches between wheels. Two 7 x 3/4-inch vitrified wheels, one coarse and one fine.

Operator is protected from flying grit by safety glass shields. Shields can quickly be raised for polishing and buffing jobs, making this one of the most useful tools in your shop. Removable and adjustable wheel guards. Small diameter motor allows work to be held straight across front of spindle without striking motor housing. Tool rests are adjustable for exact clearance with wheels. Motor turns at 3450 R.P.M. with full load; 3600 R.P.M. at no load. For 110-volt, 60-cycle A.C. Complete with built-in starting switch, 6-foot rubber cord and plug. Shipping weight, 52 pounds.

99 PT 2617—CRAFTSMAN 1⁄3-H.P. Grinder...........................$23.95

CRAFTSMAN HEAVY DUTY 3⁄4 H.P. BENCH GRINDER

$32.95

- 7 x 1-in. vitrified grinding wheels—one coarse; one fine for different kinds of work.
- Shatterproof glass shields. Adjustable tool rests easily removable for buffing.
- Detachable water pan for cooling work—helps prevent drawing temper of tools.

Sears finest! A real $50.00 value. You'll be surprised how fast you can turn out those tough jobs with this heavy duty grinder. It's a real production type electric grinder for day-in and day-out service. Unsurpassed for sharpening or grinding small or large tools or parts.

New, fast starting, smooth running reactor start induction run motor gives years of trouble-free service. Precision built New Departure ball bearings are sealed in grease—protected against dust and dirt. The newly designed large collars always hold wheels in perfect alignment. Heavy cast iron base with rubber mountings eliminates vibration. 6-foot rubber covered cord, and plug.

99 PTM 2609—Shipping weight, 97 pounds..................$32.95

CRAFTSMAN 1⁄6 H.P. DENTAL Lathe

$25.00

- Equal to lathes selling up to $75.00.
- New Departure ball bearings.
- 2 speeds: 1750 and 3450 R.P.M.
- Operates on 110-volt 60-cycle A.C.
- Tapered shafts will take any standard dental chucks.
- Accurately balanced and rubber-mounted to eliminate vibration.

Why let a makeshift or obsolete lathe slow up your work? Especially when you can get this precision-built tool for this price! You need the best tools to do good work. The best part of it is that Sears tremendous buying power on motors actually brings you this lathe at 1⁄4 to 1⁄4 the usual price.

Modern design—equipped with New Departure ball bearings, each packed in grease. The two accurately tapered shafts will take any chuck or accessory sold by your dental supply house. Quick action chuck removes speed up work. Designed so that it is easy to work on—even on odd pieces and hard-to-get-at places. Shpg. wt., 42 lbs.

99 PT 5579—CRAFTSMAN Dental Lathe..................$25.00

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NEW, IMPROVED MASTER CRAFTSMAN MOTORS

Guaranteed 8 years against defects. Entirely new! No finer motor of this type has ever been built! Tremendous overload capacity. You CAN'T match it anywhere else because it has features which have never been offered in one motor before!

NEW heavier windings for extra power—motor develops 4 to 5 times rated H.P. torque while starting; will actually carry more than its rated H.P. continuously... NEW overload protector prevents burn-out—current shuts off automatically if motor is ever overloaded or overheated... NEW giant oil wells—our engineers say this motor will never need oiling, but we have provided oil holes as an extra precaution... NEW bigger and heavier frame for permanent accuracy of alignment, quieter operation, and longer life.

Model USER, NEW A.A., and Control Station requirements. Large six vents and powerful fan keep motor cool—will not overheat when run steadily at full rated load. Shaft in 1/4-H.P. and larger has keyway. 1760 R.P.M. Use in horizontal position. Direction of rotation easily reversed, before ordering, check voltage, phase, cycle and capacity of your power line.

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NEVER FAILING QUIET POWER FOR

CRAFTSMAN EASY STARTING CONDENSER $11.95 1/4-H.P.

CRAFTSMAN REMOTE CONTROL CONDENSER $16.95 1/4-H.P.

* Guaranteed 3 full years against defects in material and workmanship
* Has built-in overload protector to prevent burn-out
* G趁sealed precision New Departure ball bearings for long life
* Built-in condenser reduces amount of current used in starting
**NEW, IMPROVED CRAFTSMAN MOTORS**

With NEW Giant Oil Wells... NEW Big Frame.

$11.40

* Guaranteed 3 years against defects. New! Greatly improved! Now our famous CRAFTSMAN repulsion-induction motor is even more outstanding than ever before! Great overload capacity—develops 5 to 4 times rated horse power torque while starting—easily starts the heaviest loads! Our engineers say this new motor will NEVER need oiling, but we have provided oil holes as an extra precaution. Large air vents and powerful fan... motor will not overheat when run steadily at full rated load. Meets A.I.E.E., N.E.M.A. and Central Station requirements. Finest phosphor bronze bearings. Shaft in 1/4-HP. and larger has keyway. 1/20 D.C. No. 256 is horizontal position only. Directions of rotation easily reversed. Motors larger than 1-1/2 HP. have standard N.E.M.A. dimensions—interchangeable with other makes. Sine over 1-1/2 HP. have regular oil wells—not giant type. Check phase, voltage, cycle and capacity of your power line before ordering. Sizes up to 1-1/2 HP. shipped from stock, not prepaid.

Motors of 2-1/2 HP. or more shipped from New York City, prepaid, except in Seattle or Los Angeles Territory where customer pays freight.

---

**CRAFTSMAN Heavy Duty SKF Ball Bearings**

$27.95

* Guaranteed 3 years against defects. The finest motor you can select for power tool! A heavy duty 1/2-HP. repulsion induction motor with a double drive shaft and genuine SKF ball bearings. This ball bearing construction permits motor to be operated in any position and into very close work. May be used on vertical drives, such as drill press, etc. The sealed ball bearings also make this motor ideal for out-of-the-way installations because these bearings will operate for long periods without requiring attention.


Single phase repulsion induction type. Operates on 110-120 volt 60-cycle A.C. 1750 R.P.M. Base mounting, 3 x 3 1/2 x 6 inches. Double drive shaft; size, 5 inches. Shipping weight, 69 pounds.

99 PT M519... $27.95

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**CRAFTSMAN High Speed SKF Ball Bearings**

$19.95

* Guaranteed 3 years against defects in materials and workmanship. These husky, high speed, repulsion-induction motors are recommended for shapers, bench saws, jointers, and other uses where a motor speed of 3450 R.P.M. is desired. Extra-rugged construction throughout. Packed with power. Fitted with famous precision SKF ball bearings for smooth operation and long life. This ball bearing construction permits motor to be used in any position. Forced draft cooling. It is necessary to lubricate this motor only twice a year. Easily reversed. The 1/2-HP. and 3/4-HP. sizes have built-in starting switch and rubber covered cord. The 1-1/2 HP. size has removable control switch, and rubber covered cord. All are 3450 R.P.M. For 110-120 volt 60-cycle A.C. Mounting dimensions, 3 x 3 1/2 x 4 inches.

99 PT M500... 1/2-HP. 3/4-in. double shaft. Ship wt., 44 lbs. $19.95

99 PT M511... 3/4-HP. 3/4-in. double shaft. Ship wt., 62 lbs. $37.95

99 PT M506... 1-1/2 HP. 1-1/2-in. double shaft. Ship wt., 62 lbs. $39.95

***All Kinds of Tough Jobs...***

**COMPANION**

3/8 H.P. SPLIT PHASE

$9.98

Our newest and sturdier split phase motor—now equipped with an overload protector! Compare with motors selling for $15. Every part is EXTRA STRONG! Heavy windings, motors and switches—larger cooling ducts, frame castings and bearings! Handle heavy running loads if they are easily started. Ball bearing construction permits you to use the motor in vertical or any other position. Easily reversed. **Handy built-in, on-off switch.** 1/2-inch double drive shaft extends 1 inch on each side. For 110-120 volt 60-cycle A.C. Motor speed, 1750 R.P.M. Complete with 3/8-inch cord and interchangeable phase. Dimensions, 3 x 3 1/2 x 5 inches. Shipping weight, 30 pounds.

99 Pt M520... 3/8-H.P. $9.98

99 Pt M681... KENMORE 1/2-H.P. Motor. Same as above except with diamond bored bronze bearings and without overload protector. Use in horizontal position only. Shipping weight, 23 pounds. $5.45

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**COMPANION**

1/4 H.P. SPLIT PHASE

$7.25

* Guaranteed 9 years against defects in material and workmanship.

**New built-in overload protector prevents motor from burning out.**

Greasable oil chambers—motor NEVER needs oiling

One of the sturdiest and most reliable 1/4-H.P. motors made! Quiet running... Powerful... Super-insulated. Now a greater value than ever before because we've added a new overload protector to guard against burn-outs. Large diamond bored bronze bearings for long life and smooth operation. Motor is lubricated for life at the factory. Motors are assembled and individually balanced. Handles heavy running loads if they are easily started. **Handy built-in, on-off switch.** Motor is easily reversed. Use in horizontal position only. 1/4-inch double drive shaft extends 1 inch. For 110-120 volt 60-cycle A.C. Dimensions, 3 x 3 1/2 x 6 inches. 8-foot rubber covered cord and plug. Mounting dimensions, 3 x 3 1/2 inches. Shipping weight, 30 pounds.

99 Pt M518... 1/4-H.P. $7.25

99 Pt M512... KENMORE 1/4-H.P. DC MOTORS. $14.95

99 Pt M519... $14.95

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www.OzarkToolManuals.com
START A WORKSHOP NOW!

"JUNIOR" Lathe
Here's your chance to get a woodworking lathe at great saving. Lathe has a two-speed pulley, 5-inch swing, regular spur and cup center, and a 3-inch adjustable tool rest. 12 inches between centers. A sturdy constructed lathe with a machined bed. Shipping weight, 8 pounds.
9 PT 2728 $1.69

"JUNIOR" Bench Saw
Save time and effort with a circular saw. That's exactly what you do with this "JUNIOR" saw. Complete with 54-inch table, adjustable in height; rip fence; mitre gauge; extension table with collar and nuts for accessories; and 4-inch saw blade. Shipping weight, 3/4 pounds.
9 PT 2729 $2.29

"JUNIOR" Jig Saw
No workshop is complete without a jig saw. It's indispensable for fine cutting-for intricate sawing of light wood stocks—especially for work that must be done carefully and with particular neatness. The "JUNIOR" Jig Saw has a 10-inch throat... 8-inch diameter table... enclosed spring head... and a rigid cast iron frame. Cuts out difficult circular and angular patterns-quickness and smoothly.
9 PT 2738 Shipping weight, 9 pounds.

Line Shaft, Hangers, and Accessories
Equip your line shaft with Sears accessories and know you have the best. Accurately machined by skilled workmen for long life. Line shafts come in two sizes: 1/2-inch for light tools; 1/4-inch for heavier machines and larger motors. Oil cups are easily installed in place of plugs. Make sure that bushings receive the proper oiling essential for good performance. Rigid couplings frequently are used for connecting sections of line shafting. Line shaft collars prevent ends from "drift" of shaft. Flexible couplings are used on such jobs as connecting a motor shaft to a line shaft. Self-adjusting for minor misalignment, thus preventing excessive bearing wear. Husky bronze bearing hangers are adjustable to permit perfect shaft alignment necessary for free turning, non-binding operation. Line shafts should be spaced approximately every 18 inches; 2-inch hangers every 24 inches.

View the image...

Floating Motor Rails
Use one motor for several tools. Just fasten set of clips near each tool, and shift motor with rail from one tool to another. Keeps belt at proper tension.
9 PT 2726—Floating motor rail and one pair of clips, Shpg. wt., 1 lb., 10 oz., 50c
9 PT 2727—Pair rail clips only, Shpg. wt., 7 oz., 20c

Adjustable Motor Rails
Recommended for jobs where motor is to be used only on one tool and never moved from tool to tool. To adjust belts merely loosen bolts holding motor to rail, slide motor for belt tension wanted and tighten bolts, makes belt adjustments very simple. Be careful not to run your V-belts too tight. Shipping weight, 3 pounds.
9 PT 2729—Per pair, 50c

Deluxe Floating Motor Rail
Improved type! For smooth, vibrationless operation. All the advantages of the regular type PLUS rubber cushioning, rear loop and support, and right angle clips. The right angle clips may be used at normal or at right angle position. Motor rail and pivot support are used to carry rear end of motor. Pivot has rubber ball that rests in socket. Will fit nearly all fractional horse power motors. Designed for these uses can be used with the standard type clips if desired. Shipping weight, 2 pounds.
9 PT 2326—Complete set, 90c
9 PT 2328—Pair right angle clips only, Shpg. wt., 10 oz., 30c
9 PT 2330—Rear rail only, with pivot and socket, Shpg. wt., 1 lb., 30c

Motor Base Adapter
For machines without standard motor mounting. Heavy steel plate with series of slots. Helpful in adapting new motor to pumps, washing machines, power tools and other machines with odd size motor mountings. Fits most motors up to 1/4-H.P., and some 1-H.P. motors. Shipping weight, 1 pound 8 ounces.
9 PT 3003 $4.98
9 PT 1995 $8.00

Thermatrip Fuse
Perfect protection! Carries the momentary high current necessary to start a split phase motor, but blows on short circuit or continuous overload. Interchangeable with ordinary Fuses. Approved by Underwriters. Shipping weight, 1 oz.
COMPANION V BELT PULLEYS

A complete line of V belt pulleys for power tool use. Each scientifically designed, carefully and accurately made of the finest materials. Balanced to run perfectly true. Grooves are machined so as to be perfectly true. Bore sizes are machined to exact size. This care gives more pulling power. Each V pulley has 2 set screws counterbored and reamed. Diameters given refer to outer edge of pulley, not the groove. Be sure to state size of bore wanted.

Cone Pulleys—3 and 4-Step

Cone pulleys are used to get speed variation. The large step of one so placed opposite the small step of another of the same size. Shifting belt from step to step drives different speeds. Grooves accommodate 3/8 or 1/4-inch belts. Sizes of bore, 1/2, 3/16 or 1/4-inch. Be sure to state size of bore wanted.

Single Groove V Pulleys

Made of highest quality zinc alloy. Sturdy and smooth running. Strong and fast. Bore sizes are 1/4, 3/16 or 3/8-inch. Bore sizes are provided in all pulleys with 3/8-inch belt only. Attractively finished in silver aluminum color. Be sure to state size of bore wanted.

Heavy Duty Steel V Pulleys

Heavy duty steel V pulleys built expressly for production work. Massive pressed steel with long life. Fifteen duties are provided in all pulleys with 3/8-inch belt only. All pulleys have 2 set screws. Be sure to state size of bore wanted.

2-Groove Steel V Pulleys

2-groove drive efficiency at a moderate price. Built to withstand many years of hard service. Fitted with standard keyways and hollow key slot screw. Wrench nut and key for accurate set. For V-belts 1/4 or 3/8-inch wide. Be sure to state size of bore wanted.

Hollow Head Set Screws

Take place of ordinary set screw in machines and tools. Hardened steel with 1/4-inch head. Sizes are 0, 1, 2, 3 and 4. Nickel alloy steel. Nut of the same size. Each.

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SAVE 30% ON CRAFTSMAN VISES

CRAFTSMAN Heavy Duty Machinists’ Vises


Offered in Both Swivel Base and Solid Base Styles

Swivel Base Jaws Jaws Open to Weight Price Solid Base Jaws Jaws Open to Weight Price
79 PT 516 3½ in. 6 in. 36 lbs. 10.60 99 PT 516 3½ in. 5½ in. 36 lbs. 10.60
99 PT 516 3½ in. 6 in. 36 lbs. 10.60 99 PT 516 3½ in. 5½ in. 36 lbs. 10.60
99 PT 516 4½ in. 6 in. 36 lbs. 14.00 99 PT 516 4½ in. 5½ in. 36 lbs. 14.00
99 PT 516 4½ in. 7 in. 51 lbs. 18.00 99 PT 516 4½ in. 5½ in. 51 lbs. 18.00
99 PT 516 4½ in. 7 in. 51 lbs. 18.00 99 PT 516 4½ in. 5½ in. 51 lbs. 18.00
99 PT 516F 5¼ in. 6 in. 36 lbs. 15.00 99 PT 516F 5¼ in. 5½ in. 36 lbs. 15.00
99 PT 516F 5¼ in. 7 in. 51 lbs. 21.00 99 PT 516F 5¼ in. 5½ in. 51 lbs. 21.00
99 PT 516F 5¼ in. 7 in. 51 lbs. 21.00 99 PT 516F 5¼ in. 5½ in. 51 lbs. 21.00
99 PT 516F 5½ in. 6 in. 36 lbs. 18.00 99 PT 516F 5½ in. 6 in. 36 lbs. 18.00
99 PT 516F 5½ in. 6 in. 36 lbs. 18.00 99 PT 516F 5½ in. 6 in. 36 lbs. 18.00
99 PT 516F 6½ in. 6 in. 36 lbs. 23.50 99 PT 516F 6½ in. 6 in. 36 lbs. 23.50
99 PT 516F 6½ in. 6 in. 36 lbs. 23.50 99 PT 516F 6½ in. 6 in. 36 lbs. 23.50

CRAFTSMAN Garage Vises

We sincerely believe this is the finest garage vise model! Proud to save you at least 30%. Heavier construction—finer materials—better workmanship! Semi-steel construction for extra strength. Careful machining and snug fitting parts insure jaws that won’t wobble, yet slide smoothly. Replaceable jaw faces are special Max-El alloy tool steel, heat treated and hardened—milled and serrated. Removable heat treated replaceable iron pipe jaws. Cold rolled steel beam. Ame threaded forged steel screw. Positive locking 80°-degree swivel base. Blue crinkle finish. Lag screws.

Catalog Number Jaws Open to Weight Price
99 PT 5260 4½ in. 4 in. 5½ lbs. 9.60
99 PT 5261 4½ in. 5½ in. 10 lbs. 15.00
99 PT 5262 4½ in. 7 in. 13 lbs. 21.00
99 PT 5263 4½ in. 7 in. 13 lbs. 21.00
99 PT 5264 4½ in. 7 in. 13 lbs. 21.00

COMPANION SANDING BLOCK

New! One of the handiest sanding devices we’ve ever seen! Has a roll of cloth abrasive coated with aluminum oxide which stretches over a heavy spring steel rubber cushion. Lasts longer than sandpaper, but when it does wear out, just pull out a new section and keep working! Strongly made of unground plated steel.

PT 2152—Shpg. wt. 12 oz. Complete.
PT 2154—Refill roll.

COMPANION WOOD Dowel Rod

Assessment
You’ll find many uses for this handy assortment. Fourteen assorted sizes ranging from 1/8 inch to 3/4 inch in diameter. Each rod is 6 inches in length. Very handy to have in your work shop for model building and mending of furniture. No shop is complete without a stock of dowel rods. You’ll find hundreds of uses for them. Exceptionally clean grain hard wood. A 40¢ value. Shpg. wt. 12 oz.

PT 2900—Shpg. wt. 1 oz.

COMPANION CAST Iron Glue Pot

With aluminum glue cup. Buit like a double boiler. Outer cup of heat-retaining cast iron for water. Inner glue cup of non-corroding aluminum. Will last a lifetime. Capacity of glue cup, 1 cup, enough to last for a long time. A glue pot like this eliminates waste as glue can be used over and over by reheating. Convenient handles on both outer and inner cups. Shpg. wt. 4 lbs. 5 oz.

PT 2890—Shpg. wt. 1 lb.

Electric Glue Pot

Thermos automatically controls heat and saves electricity. Keeps glue at constant temperature ready for instant use. Element is embedded in asbestos. Powdered aluminum with gray iron frame. 1 pt. cup. Approved by Underwriter’s Laboratories. 60-cyole 110-120 volt A.C. only. Cord and plug. Shipping weight, 6 lbs. 8 oz.

PT 2892—Shpg. wt. 1 lb.

4-Drawer Utility Case

89¢

COMPANION TOOLS

Fire a new light!

$1.69

15-inch flexible neck lets you bring the light down to your work just where you want it. Enables you to see your work with great ease. Eliminates harmful eye strain. New type adjustable clamp. An extra large reflector for the light out of your eyes — a real safety feature. Over all length, 23 inches. Complete with push switch in socket, clamp, cord and plug. Bulb not included. Shpg. wt. 1 lb. 12 oz.

PT 2794—Shpg. wt. 1 lb.
A COMMANDER POWER SPRAYER

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>99PTM5630</th>
<th>99PTM5631</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over-all Height</td>
<td>11 in.</td>
<td>14 in.</td>
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<tr>
<td>Over-all Width</td>
<td>8½ in.</td>
<td>10 in.</td>
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<tr>
<td>Over-all Length</td>
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<td>17½ in.</td>
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<tr>
<td>Type</td>
<td>Piston</td>
<td>Piston</td>
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<tr>
<td>Type</td>
<td>2½ x 1¾ in.</td>
<td>2½ x 1¾ in.</td>
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<td>Speed</td>
<td>1600 R.P.M.</td>
<td>1750 R.P.M.</td>
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<td>Capacity</td>
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<td>28 lbs.</td>
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<td>Motor</td>
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<td>1½ H.P.</td>
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<tr>
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<td>No.</td>
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<tr>
<td>Gun (described below)</td>
<td>9PT5578</td>
<td>9PT5537</td>
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<tr>
<td>Horsepower</td>
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<td>½ in.</td>
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<tr>
<td>Height</td>
<td>15 ft.</td>
<td>15 ft.</td>
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<tr>
<td>Base Size</td>
<td>8¼ x 18 in.</td>
<td>8¾ x 18½ in.</td>
</tr>
<tr>
<td>Complete</td>
<td>$29.95</td>
<td>Complete</td>
</tr>
</tbody>
</table>

PISTON TYPE 1/4 H.P. COMMANDER

- Equipped with piston type compressor, like all big commercial sprayers
- Piston has two grooves and four rings to insure clean, all-free air
- Cylinder walls have reamed and honed finish for longer and better service

Compare this GREAT COMMANDER sprayer with outfits selling for $50.00 elsewhere! Does the job 8 times faster than brushing—and does it better! Sprays paints, lacquers, enamels, varnishes, disinfectants, insecticides, water colors, dyes, etc.

The piston type compressor insures longest life and best performance. No diaphragms to give out and cause cease. Compressor travels at half motor speed like big commercial types. Built for years of reliable, trouble-free service. Compressor has free air displacement of 3 cubic feet per minute.

New design air intake thoroughly cleans incoming air. 1-quart internal-mix blower type pressure-feed spray gun has adjustable needle valve. Bleeder type gun allows continuous flow of air through nozzle, preventing clogging. Air gauge shows pressure. Built-in safety valve prevents pressure from becoming too high. Sprayer is mounted on rugged truck with casters—easy to move around. Heavy duty ½-H.P. motor has built-in starting switch. Complete with 1-quart aluminum paint cup, 15 feet of ¼-in. pressure hose, 2½-ft. drop cord and plugs. For 110-120-volt 60-cycle A.C.

99 PTM 5631—Complete outfit, with heavy duty ½-H.P. motor. Shpg. wt., 87 lb. $29.95
99 PT 5675—Complete outfit, without motor. Shpg. wt., 38 lb. $23.95
99 PT 1999—Compressor only. Shpg. wt., 16 lb. $10.95

Piston Type 1/4-H. P. COMMANDER Sprayer

Similar to above, but with ½-H.P. motor for greater capacity. Free air displacement of 3½ cubic feet per minute. Maximum pressure.

Utility Spray Gun

A thoroughly practical and dependable gun at a moderate price! Use it with most any compressor or air supply as long as pressure is not more than 60 lbs. per inch. Bleeder type construction allows continuous flow of air through nozzle to prevent clogging. When trigger is pressed the material being sprayed flows into the air stream and is fed through nozzle under pressure. Has screw-on 1-quart can. Complete with both fan and round spray tip. Shpg. wt., 2 lbs. 12 oz.

9 PT 5578 $3.75

All-Purpose Spray Gun

Here's a gun you can use at intervals... and not be afraid it will clog up! This bleeder type internal-mix gun is so designed that when material is shut off the air continues to blow through the nozzle, preventing any clogging. Adjustable nozzle valve regulates flow of material. Two-finger trigger control keeps your hand from getting tired on long jobs. Clamp-on can has 1-quart capacity. Complete with two nozzles and two air tips. Shpg. wt., 3 lbs. 12 oz.

9 PT 5637 $6.75

Production Spray Gun

This gun will cost you as much as $22.50 elsewhere! Two-finger trigger operates two valves that control both material and air. No bleeder type—recommended for steady production spraying. Will work twice as fast as ordinary guns. Needle valve has adjustable regulator to regulate flow of material.
SOON PAYS FOR ITSELF!

$41.95
Complete

DELUXE 1/3 H. P. COMMANDER

• Entire unit mounted on large pressure tank for smoother, more even spraying. Tank provides reserve air supply at working pressure

All the features—all the fine quality—all the smooth efficient operation of the COMMANDER 1/3-H.P. sprayer listed on the opposite page! But even more, this sprayer is built with the entire unit mounted conveniently on an oversized heavy gauge steel pressure tank, 10 inches in diameter and 20 inches long. This tank assures a large reservoir of air and absorbs slight pulsations from the compressor. This results in a very even pressure and smoother operation of the gun. The piston type compressor always delivers clean, oil-free air. Has free air displacement of 31/2 cubic feet per minute. Safety valve prevents pressure from building to high and builds to pressure at all times.

Complete with 1/3-H.P. 1750 R.P.M. motor, pressure type gun with two tips and two air caps, 1-quart aluminum paint cup, 15 feet of 3/4-inch pressure hose, V-belt drive, starting switch on motor, cord and plug. Operates on 110-120 volt 60-cycle A.C. Shipping weight, 95 pounds. 99 PTM 557—Complete as illustrated $41.95

$73.50
Complete

EXTRA CAPACITY 1/2 H. P. COMMANDER

• Heavy duty construction throughout

• Twin cylinder air-cooled piston compressor

By far our finest sprayer! Has extra quality—extra capacity—extra strength! The heavy duty, workhorse, production type gun with dual valve construction will work twice as fast as ordinary guns and give smooth, uniform results. It enables you to use the full capacity of the big twin cylinder compressor to its best advantage. Complete with 1/2-H.P. compressor type motor, twin cylinder compressor, production type gun, rater base, 15 feet, 7/8-inch, two-ply high-pressure hose, 1-quart aluminum paint cup, two tips, two air caps. V-belt drive, pressure gauge, safety valve, starting switch on motor, cord and plug. Operates on 110-120 volt 60-cycle A.C. Shipping weight, 125 pounds. 99 PTM 559—Complete as illustrated $73.50

COMMANDER Gasoline Powered Sprayer. Similar to above, but equipped with air-cooled Briggs & Stratton gasoline motor—the finest made. Easily started by stepping on foot pedal—no kick back. Shipping weight, 145 pounds. 99 PTM 559B—Complete $95.00

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SPECIFICATIONS

\[
\begin{array}{|c|c|c|}
\hline
\text{Compressor Type} & \text{Single cylinder piston} & \text{Twin cylinder piston} \\
\hline
\text{Stroke} & 2\frac{1}{4} \times 1\frac{1}{4} \text{ in.} & 2\frac{1}{4} \times 1\frac{1}{4} \text{ in.} \\
\hline
\text{Displacement} & 3\frac{1}{2} \text{ C.F.M.} & 5 \text{ C.F.M.} \\
\hline
\text{Speed} & 950 \text{ R.P.M.} & 660 \text{ R.P.M.} \\
\hline
\text{Working Pressure} & 30 \text{ lbs.} & 35 \text{ lbs.} \\
\hline
\text{Maximum Pressure} & 50 \text{ lbs.} & 50 \text{ lbs.} \\
\hline
\text{Motor H.P.} & 1\frac{1}{2} \text{ B.H.P.} & 1\frac{1}{2} \text{ B.H.P.} \\
\text{Speed} & 1750 \text{ R.P.M.} & 1750 \text{ R.P.M.} \\
\text{Switch} & Yes & Yes \\
\hline
\end{array}
\]

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Quality Air Hose

Made to give long, hard service. Heavy rubber and fabric construction designed to withstand strong, constant pressure. Complete with fittings. Two or more lengths may be coupled together. Couple an extra length onto your gun hose. Length, 15 feet; inside diameter, \(\frac{3}{4}\) inch. Shipping weight, 1 lb. 8 oz. 9 PT 5638—Air Hose $1.60

Material Hose

Heavy two-ply construction for long life and service. Synthetic rubber lining. Length, 12\frac{1}{2} feet; \(\frac{3}{4}\) inch inside diameter. Two or more lengths of hose may be coupled together. Complete with fittings. Ship., wt. 2 lbs. 9 PT 5639—Material Hose $2.60

Pressure Gauge

Know how much air is available before starting the job. Graduated to register accurately the air pressure available for the spray gun. May be mounted directly on reducing valve and filter assembly. Easily installed. Ship., wt. 8 oz. 9 PT 5649—Pressure Gauge $75c

Reducing Valve and Filter

Ensures the delivery of every drop of air—absolutely necessary when spraying lacquer. Filter prevents oil, water, and other impurities from getting into air stream. Valve reduces and controls commercial air pressure to below 50 pounds so that it can operate gun correctly. Complete with shut-off. Shipping weight, 2 pounds 8 ounces. 9 PT 5648—Complete $3.45

Industrial Spray Outfit

Complete your garage or service station equipment with this husky spray outfit. Also handy in factory and shop. Especially constructed for any plant with an existing air pressure system. Connects directly on existing air outlets. This all around unit can be used for almost every spraying operation. Saves the cost of a special compressor for painting. All parts carefully and strongly made. Gun is 9 PT 5637 illustrated and described on Page 44; well balanced and easily handled. Complete with gun, 15-foot, \(\frac{3}{4}\)-inch, air hose, filter, gauge, and reducing valve for regulating pressure to less than 30 pounds. Also has shut-off valve. Shipping weight, 15 pounds. 99 PT 5633—Complete $11.95

COMMANDER Material Tank

Why bother with constant interruptions to refill your paint can on big jobs? Order one of these big two-gallon pressure tanks and speed up your work. Cut down on job time and increase your profits as well! Tank is heavily constructed with close fitting clamp-on lid to hold pressure. Material is forced from tank through material hose to spray gun. Because of this, spray gun may not be operated more than five feet above level of tank. When operating at a height the tank may be carried up the ladder. Complete with 15-foot air hose and 12\frac{1}{2}-foot material hose. Tank is equipped with handle to enable easy handling and transportation. Shipping weight, 25 pounds. 99 PT 5632 $10.65

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99 PTM 2171 — COMPANION 7-Inch Bench Saw. Table size, 12 1/4 x 16 3/16 in. See Page 4.


99 PTM 2287 — COMPANION 4 1/4-Inch Jointer-Planer. See Page 12.

YOUR CHOICE OF ANY TOOL ON THIS PAGE

$1545 EACH

COMPARE WITH TOOLS SELLING FOR $20 TO $25 ELSEWHERE