POWER TOOLS

The DRIVER Line

1934 MODELS

THREE LINES of POWER TOOLS
THREE PRICE RANGES
ONE HIGH STANDARD of QUALITY!

If you are one of the thousands who this year will start to equip a home workshop . . . or add new machines to some you already have . . . you will want to see these superb new DRIVER Models. They are the finest machines ever to carry the DRIVER name. We believe that these three new lines . . . new in every detail and refinement . . . are without exception the highest quality tools available in their respective classes.

This year more than ever you need to know the facts about the machine you buy. Inspect the new DRIVER TOOLS. Study them carefully giving special attention to the specifications and features. Then, using DRIVER quality as a standard, compare these tools with those of other manufacture. Such comparison will show you, in an unbiased way, how vastly superior DRIVER Tools actually are . . . and *why more home workshops are equipped with DRIVER Tools than any other make.*

Important Notice: Prices in this catalog are based on manufacturing costs as of August 1, 1933. We reserve the right to change these prices without notice when necessary to offset additional costs of manufacture.

List prices are F. O. B. Plainfield, N. J. Subject to slight increase at distant points, for transportation.

WALKER-TURNER CO., Inc.
Plainfield, N. J., U. S. A.

NRA MEMBER U.S.
WE DO OUR PART

Careful planning is behind every change DRIVER makes. Whether it be an entirely new machine or an improvement on an older model, a change is not made until it is proved practical. All the resources of a modern plant (illustrated at right) containing over 125,000 square feet of floor space are devoted exclusively to the development and manufacture of DRIVER POWER TOOLS.

LITHO IN U. S. A. MARQUETTE LITHO CO. CHICAGO

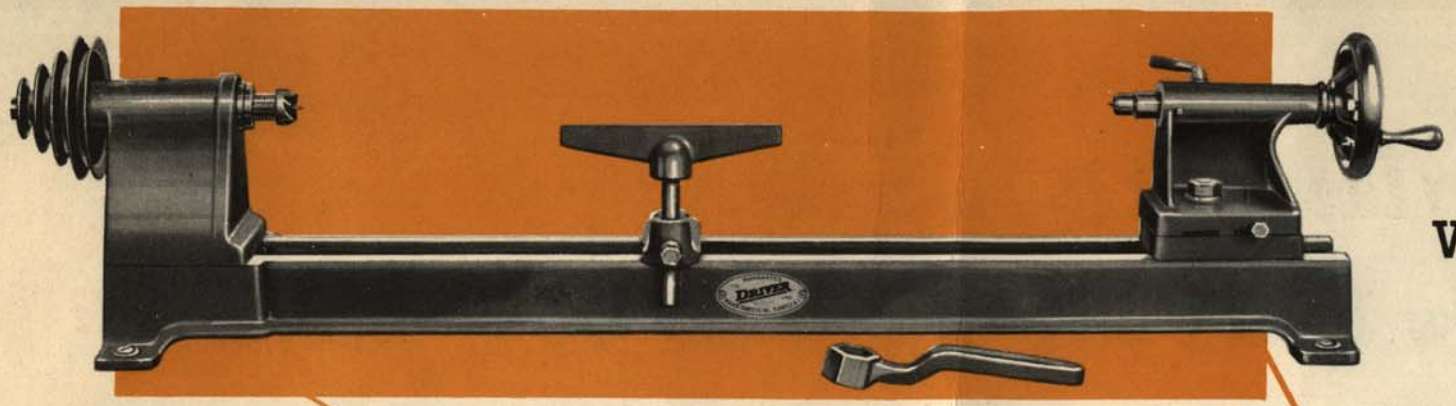
Introducing

The New DRIVER "SERIES 500" LINE

THESE are new days . . . calling for new ideas, new utility, new and greater values in power tools. With a full realization of this . . . and what responsibility it involved . . . DRIVER engineers designed the splendid new "500" line. The original, striking designs, high quality of materials and workmanship, wide range of utility and fine attention to details brand these tools indelibly as highest quality. Their modest prices are by no means an accurate indication of the unusual value built into these superb new tools.

The "500" line is built with the same mechanical exactness as the higher priced machines. In not a single instance has an inferior material been substituted for a better one, to effect a saving in cost. As testimony to that fact we call your attention to the S.K.F. Ball Bearings used in the Spindle Shaper (they are the highest priced bearings made) . . . to the quill of the drill press machined from solid bar steel (a die-casting might have looked as good) . . . to the Jacob's Key Chuck used on the drill press (money could have been saved here if we were willing to sacrifice accuracy). Many other similar instances will come to your attention when you read the specifications of each machine.

All "500" tools are finished in the beautiful new DRIVER Gra-Green color. Look them over to see the remarkable engineering advances that have been made. If you do not have a home workshop yet, start one this year. These values are unparalleled.



DRIVER "SERIES 500" WOODWORKING LATHE

No. L-500 As Shown **$12.65**

NEW from tip to tip . . . a really fine lathe . . . with features found only in most expensive machines. In quality, workmanship and finish it is superior to many lathes selling at several times its price. Care in manufacture and assembly are evident in the finely ground spindles, the Morse Tapers, the self-lubricating bearings and the machined gray-iron bed. No feature essential to good lathe operation is too expensive to be included.

This is an ideal lathe for either shop or home use. Whether used by professional or amateur this sturdy, efficient lathe will give years of trouble-free service. A tool of such character has never before been available to the man of moderate means.

Hollow Head Spindle

An extra feature . . . one you would expect to find only in very expensive machines . . . is the hollow head spindle. This permits turning dowel rods, arrows and small diameter rods of all kinds. With the Universal Chuck (illustrated on next page) work can be turned and slid through the spindle thus saving time required for changing the work. Inside diameter of spindle is ⅜", outside ¾".

Extra Bed for Long Turnings

While the normal turning capacity of this lathe is 24" between centers, it may readily be increased by adding an extra section of bed. A 14" section is illustrated with the accessories at the left.

Tail stock, shown at left, has self-ejecting center fitted to No. 1 Morse Taper. Positive locking device controlled by conveniently located lever. The tail center may be moved transversely (across the bed) by means of two bolts in the base.

Shown on the right is the head stock with the spur center, also Morse Taper. Bearings bronze, self-lubricating. Front end of spindle is threaded for face plate. Ball thrust bearing minimizes lateral friction. Spindle carefully ground and precision fitted.

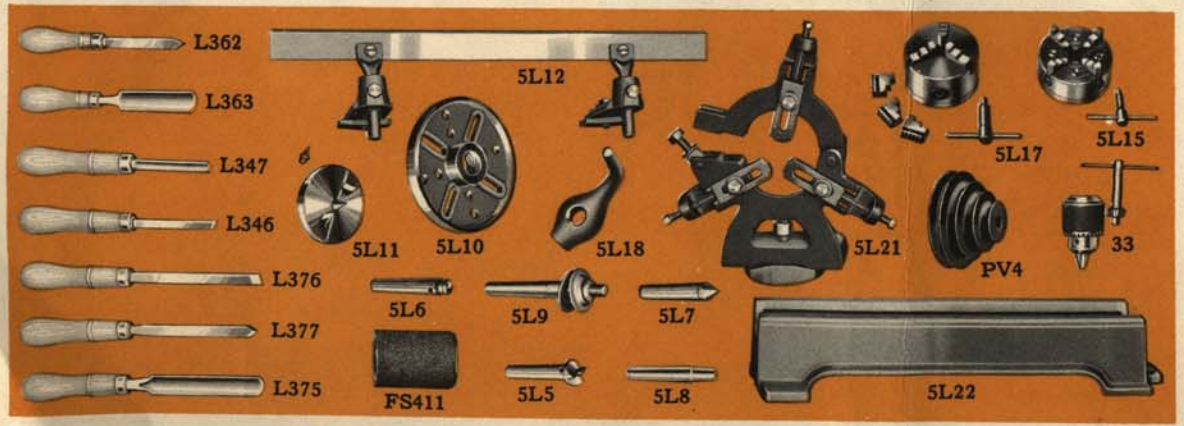
Features

Length of bed 34". Height of bed 2¾".
Substantial bed of heavy gray iron, carefully ground.
Head and tail stocks of heavy gray iron fully machined.
Capacity 24" between centers. Bearings oilless bronze.
Distance from center of head stock to bed 4", swing 8".
6" Tool rest regular equipment.
18" Steel tool rest available at slight extra charge.
Ball thrust bearing in head. Morse Taper centers.
Hollow head spindle, ⅜" inside diameter, ¾" outside.
Normal operating speed 1750 R.P.M.
Shipping weight, 38 lbs.

Accessories

33	Jacob's Chuck	$4.75
5L5	Spur Center with No. 1 Morse Taper	.75
5L6	Cup Center for Tail stock with No. 1 Morse Taper	.75
5L8	Arbor with No. 1 Morse Taper for Jacob's Chuck	.75
5L9	Arbor with No. 1 Morse Taper for Grinding wheels, etc.	1.00
FS411	Sanding Drum	1.00
L346	Skew Chisel	.50
L347	Gouge Chisel	.50
L362	Parting Tool	.50
L363	1" Gouge Chisel	.50
L375	1" Gouge Chisel, Heavy Duty	1.00
L376	½" Skew Chisel, Heavy Duty	1.00
L377	½" Spear Point, Heavy Duty	1.00
5L10	6" Face Plate (¾" Hole)	1.00
5L11	3" Face Plate with Spurs and changeable center (¾" Hole)	1.50
5L12	18" Tool Rest with Bed Brackets	1.75
PV4	4" Four-step V Pulley ½" hole	.50
VB42	42" V Belt	.75
5L22	14" Extension Bed	1.00
5L21	Steady Rest	3.30

Other Lathe Accessories shown on page 5.

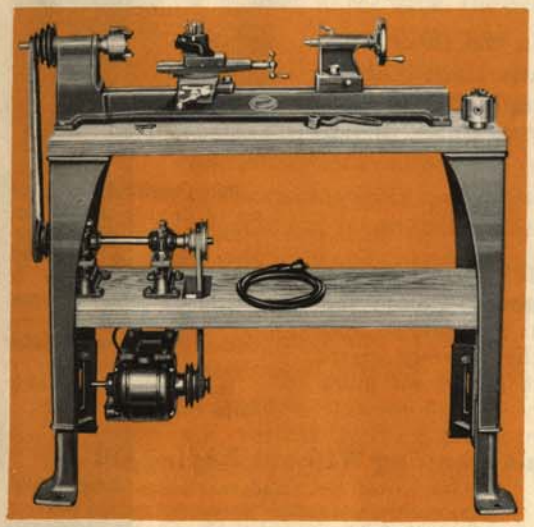


DRIVER "SERIES 500" METAL WORKING LATHE

NO. L501

$38.50

Complete As Shown At Right



NO. L502 *(Shown Above)* **$61.30**

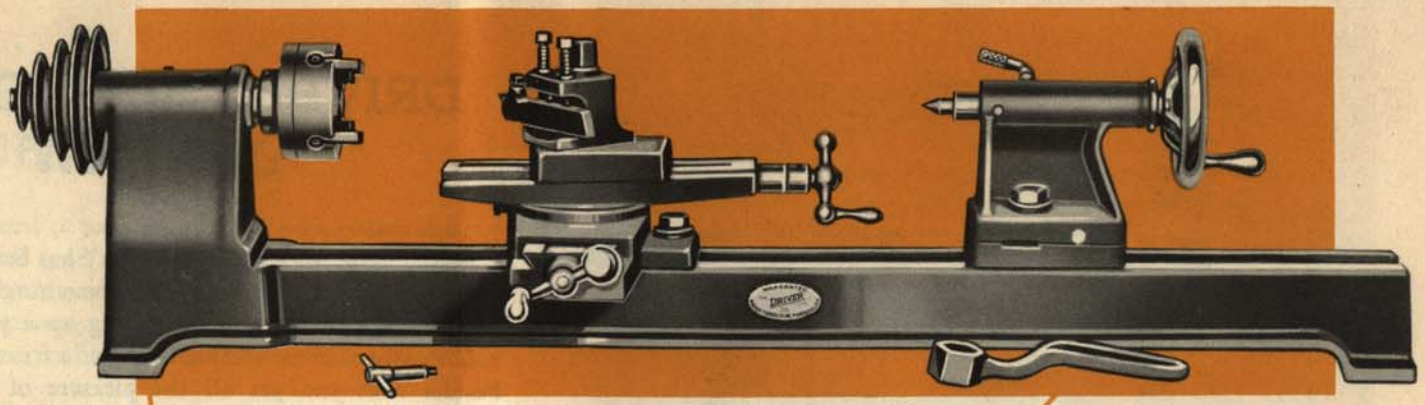
Consists of

L501	Lathe (shown at top of page)	$38.50
5LB10	Bench Complete	14.00
OB25	Bronze Bushed Self Aligning Hangers (2 used) each $2.65	5.30
OB26	Shaft ¾" turned to ½" at ends	.75
VB42	Endless V Belt 42"	.75
VB34	Endless V Belt 34"	.50
FL1	Floating Motor Base	1.50
PV4	Pulleys (3 used) each	.50

ACCESSORIES

5L15	3" Independent Jaw Chuck with Back Plate	$11.00
5L7	60 degree center for tail stock (with No. 1 Morse Taper)	.75
5L16	Compound Tool rest with Tool Post not including 5L23	13.90
5L17	Discontinued	
5L23	Tool Holder with Bit and Wrench	1.45
33	Jacob's Chuck (Light pattern)	4.75
5L18	¾" Lathe Dog	.50
5L25	Bit (Not Shaped)	.10

(Accessories shown on opposite page are interchangeable with above. We recommend the use of a ⅓ H. P. 1750 R.P.M. Motor with reversing switch.)



REALIZING that many craftsmen have been denied the use of a metal working lathe because of high prices, we have used every resource to provide a machine that would do many metal working jobs . . . at a very modest investment.

While the bed, head and tail stocks are identical with the Series 500 Woodworking Lathe, this is by no means a make-shift metal working job. In designing the lathe proper for woodworking, every essential of a metal lathe was considered and included. It has ample rigidity, strength and accuracy for fine metal work.

This sturdy compact lathe has untold possibilities for the home craftsman or mechanic. With it he can turn all the metals ordinarily worked in a lathe, do light spinning of brass, copper and pewter, make coil springs and wind coils. Replacement parts often can be made for a broken appliance or machine used about the home.

Automobile service stations and electric repair shops can use this lathe for turning down commutators or winding coils. Industrial plants will find it ideal for countless small jobs.

COMPOUND SLIDE REST

This attachment clamps directly to the lathe bed. All bearing surfaces are precision-fitted assuring smooth, positive and accurate action in all positions. It may be set at any angle on the horizontal plane, moved toward and away from the head stock (longitudinally) and crosswise of the bed (transversely). Distance of longitudinal feed 5¾", transverse 7".

With the exception of metal working attachments, features and specifications are the same as the L500 Model on opposite page.

Photo (A) shows brass collar being turned down. Iron, steel, copper, etc., can be worked just as effectively.

Compound Tool Rest is illustrated in photo (B). Turning down commutators is a quick, easy job. (Photo D)

COUNTERSHAFT ASSEMBLY

Photo (C) shows how this assembly is used to provide the speed reductions necessary for metal turning. This may be mounted below, above or behind the lathe.

OB25	Bronze Self-Aligning Hanger (2 used) each	$2.65
OB26	¾" Shaft turned to ½" at ends	.75
VB42	42" V Belt	.75
VB34	34" V Belt	.50
PV4	4-Step Pulley (3 used) each	.50

FLOATING MOTOR BASE

Suspends the motor so that its weight provides the proper belt tension. It increases efficiency by preventing overloads on bearings from too much tension, or slippage from too little.

FL1 Floating Motor Base $1.50

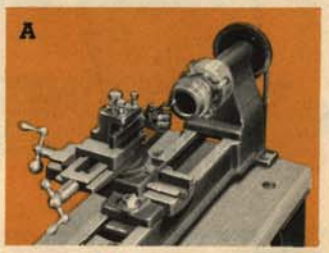
REVERSING SWITCH

(Pat. Applied For)

Metal turning requires that a lathe be operated in either direction. This newly developed reversing switch, exclusive with DRIVER, provides such a device at an unusually low price. It can be used only with "Split Phase" motors. (Shown on page 36.)

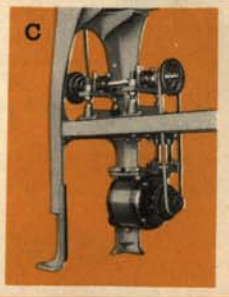
RX10 Reversing Switch Complete $3.50

A

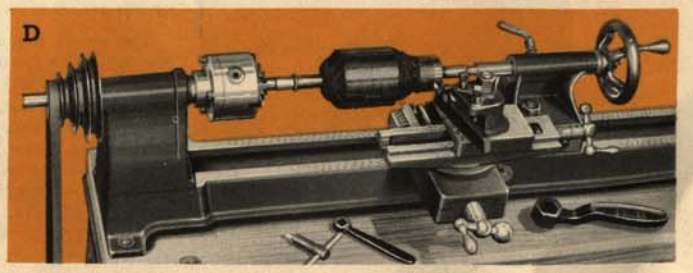


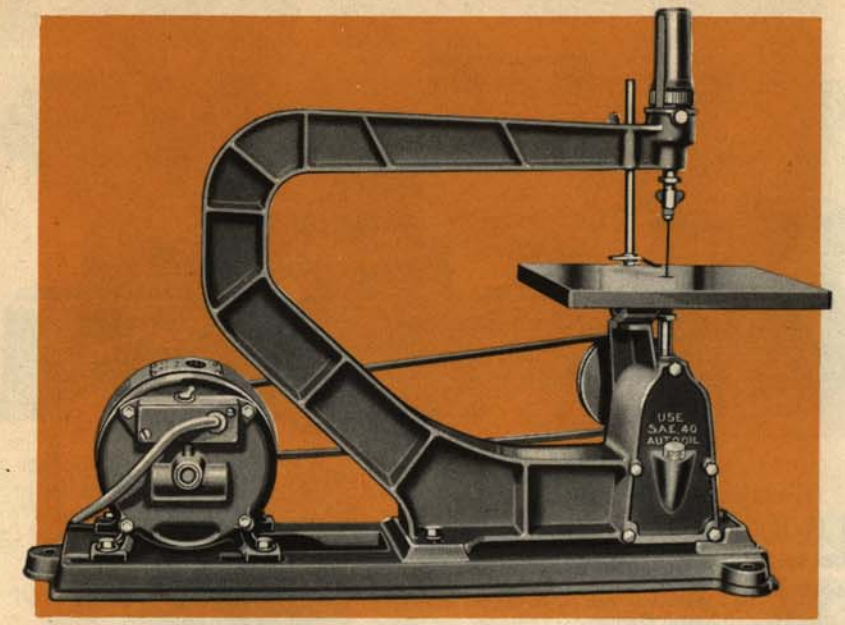
B

C



D





DRIVER "SERIES 500" JIG SAW

If your experience with "jig saws" has been only in putting puzzles together, you've missed something! It's much more fun to make them. Imagine sawing up a photo of yourself, your family or home and sending it to a friend to put together. Besides that you get all the pleasure of cutting out doll furniture, platoons of soldiers and circus animals for the kiddies, or the more serious business of making articles of furniture.

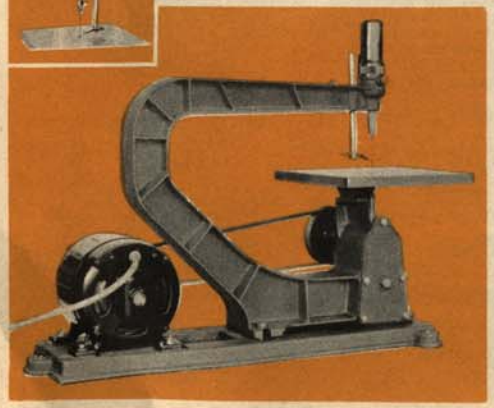
What's fun with an ordinary jig saw is a real thrill with the new Series 500 DRIVER. For it operates much quieter, cuts better, is easier to handle, and requires no "time out" for repairs or adjustments. It is a worthy "brother" of the DRIVER 700 Models.

Photo above shows close-up of driving mechanism, blade vises and upper spring. Note the special vises with screw caps. These are for the small sized blades and insure the blade traveling in the center. For the large blades the caps are removed.

Bearings are all accurately fitted and operate quietly.

Features

Table close-grained gray iron carefully ground 8″x9″.
Throat capacity 14″ (board 28″ wide may be sawed).
Blade vises can be moved one-quarter turn so sawing may be done from sides as well as front. Very helpful on long pieces.
Distance from upper vise to table 1½″.
Height overall (without base) 19½″.
Length overall (without base) 21″.
Splash system of oiling, requiring practically no attention.
May be driven from countershaft or motor with or without cast iron base.
Table tilts to 45°.
Bronze bearings.
Base 25¼″ long.
Weight 34 lbs.



No. J505

$10.15

As shown (less motor, base, belt and motor pulley)

¼ H. P. Motor for above $7.50
No. 5J5 Base 1.50

Mounted in Rubber

Again DRIVER goes ahead in the field! Special rubber cushions are supplied with base 5J5 for mounting both the jig saw and motor. This arrangement lessens the noise so that the machine can be operated anywhere in the house or apartment without annoyance. In operation it makes no more noise than a sewing machine.

Amazing Test Proves Lack of Vibration

Finding all customary vibration tests too easy, one of our engineers stood a pencil on end on the jig saw arm beside the spring housing while the machine was in operation. There, if anywhere, vibration will be in evidence. Yet the pencil remained there entirely unaffected by the action of the machine.

The pencil was then moved to the top of the spring housing cap where there is only a very narrow surface that is flat. It also stood there—as the accompanying photo will show you. Vibration has been reduced to an absolute minimum. To you this means smoother, quieter operation, longer life for saw blades and longer life for the machine itself.

42 Days and Nights Continuous Running Without Adding Oil

On completing the final model of this Jig Saw we were unable to see how it could ever wear out. Everything ran like clock work, and so perfect was its balance that there was no vibration, no noise . . . no apparent effort. If we were to run it under normal conditions to reveal any weakness, the testing period would require several years.

So we decided to start it up and leave it alone. It ran continuously at high speed for over six weeks, day and night, over 1000 hours without a single stop, without a drop of oil being added, to the crank case, or any adjustment being made. It operated exactly as well and as quietly just before it was stopped as when it was started. Not a blade was broken. After the test the machine was entirely dismantled and the working parts carefully measured and tested. No appreciable wear could be found.

If you are interested in statistics here are some figures. During this test the jig saw made 39,312,000 revolutions, with 78,624,000 strokes of the blade.

The photograph at the left (unretouched) was taken during the test while the machine was in motion. Although it was a four minute exposure note how clear the upper arm is around the top and bottom—real proof that there was no vibration.

Accessories (All accessories illustrated on page 17)

NJS7	Fret Saw Blades	$ .25	BN27	Pkg. 6, 14″ Fret Blades	.50	5J3	Hold-down and guide for puzzle work 1.00
332	Pkg. 6 Metal Cutting Blades	.25	516	5/16″x6″ Sabre Blades, each	.10	5J4	Large Blade Vises (pr.) 1.00
PB8	8 Puzzle Blades	.25	316	¼″x6″ Sabre Blades, each	.10	5J5	Base 1.50
BN26	Pkg. 6, 14″ Jig Saw Blades	.50	5J2	Fine Blade Vises (pair)	1.00	VB42	42″ V. Belt .75
						PV25	2½″ V. Pulley .25

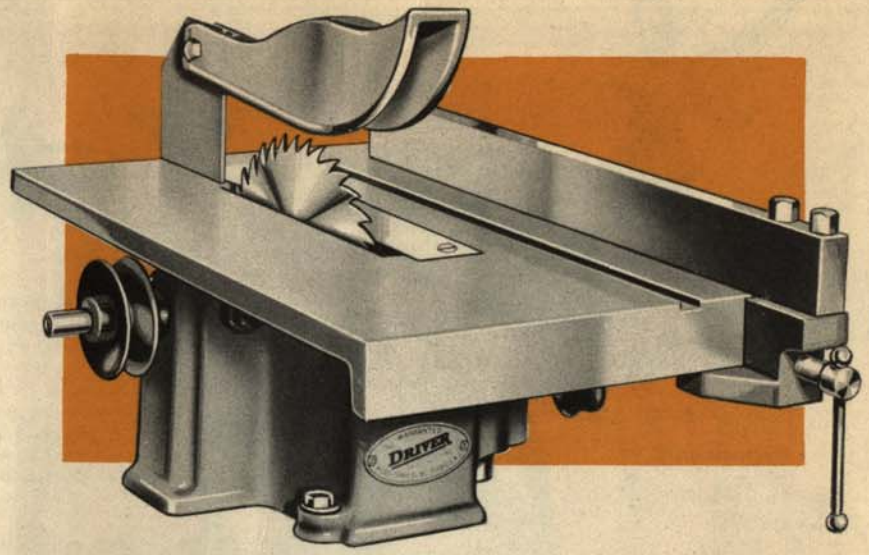
DRIVER "SERIES 500" BENCH SAW

This rugged little saw fills the need of an accurate, but inexpensive machine for cross cutting, ripping, and general bench work. The table does not tilt so that if properly adjusted when set up, the operator is insured of a perfect 90° cut at all times. Its accuracy, speed and simplified design combine to make it a splendid tool to use, and should make a valuable addition to any shop.

The table raises and lowers being locked in position by a hand wheel conveniently located. It has a removable insert for dadoing. The saw blade is wholly enclosed at the back, the base being designed with a chute directing sawdust away from the operator. Bearings are self-lubricating bronze and require a minimum of attention. A spring steel splitter is mounted directly behind the saw blade. This splitter carries the guard which is the latest approved type giving full protection without interfering with the operation. A groove is provided in the table top to take the standard DRIVER Mitre Gauge. The ripping fence is of polished, heavy steel readily adjustable. The base construction is unusually good, providing utmost rigidity, an ideal bearing mounting and complete under-table protection from the saw blade.

SAWS 2¼" STOCK

With a 7" blade this saw cuts a full 2¼ inches. Such capacity has previously been available only with heavier and much more expensive machines. Several bench saws priced at from $25 to $45 have no greater capacity than this one. Yet the DRIVER Series 500 handles work of that size safely . . . without undue effort or strain. See illustration at lower left corner.

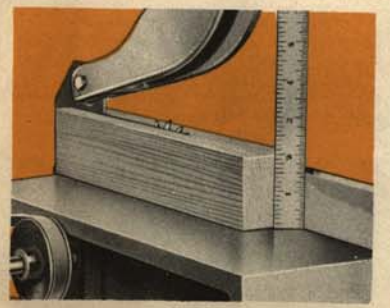


No. B-510

$9.35

As Shown with 7" Blade

PV450	4" Motor Pulley	$ .35
933	4" Outside Dado Saw	.50
D251	4" Inside Chippers (ea.)	.25
D55	5½" Dado Saw (2 used) each	1.00
D55A	5½" Chipper (each)	.35
B9	7" Crosscut Saw	1.00
B9R	7" Rip Saw	1.00
B11	Mitre Gauge	1.00



An actual photograph shows how saw cuts to full 2¼" thickness. Unusual capacity for saw of this class.

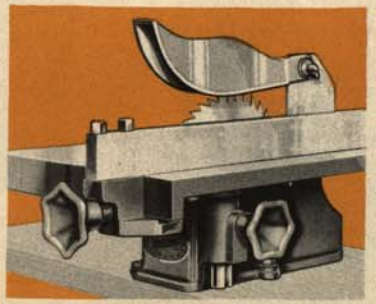
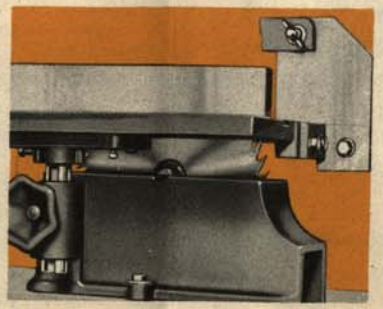


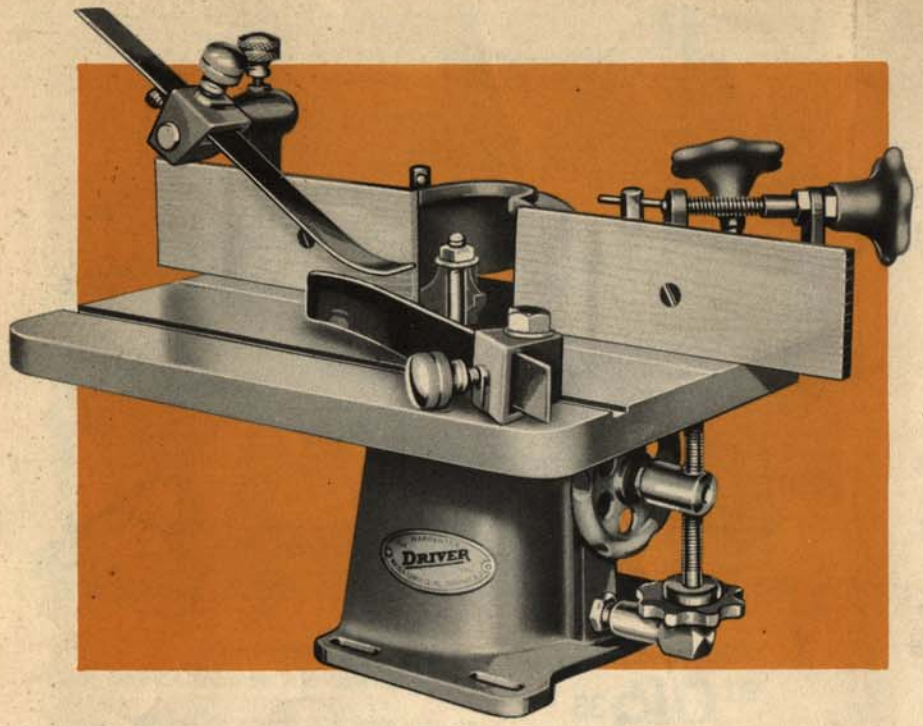
Photo shows a close-up of table raising mechanism. Very convenient and positive.



Note the sawdust chute at extreme right end of base, also how well the saw blade is covered.

Features

Table close grained gray iron carefully ground, 14"x10".
Ripping fence solid steel 16" long, 1½" high and ⅝" wide, adjustable at one end.
Bearings oilless bronze.
Removable wood insert in table.
Table raises and lowers to vary depth of cut.
Spindle ½" diameter.
Takes 7" saw blades.
Capacity with 7" saw 2¼" cut.
Light metal guard and splitter.
Sawdust chute at rear carries dust away from operator.
Blade unusually well guarded.
Recommended operating speed 3000 to 3500 R.P.M.
Motor recommended, ⅓ H.P., 1750 R.P.M.
Shipping weight 34 lbs.



DRIVER "SERIES 500" VERTICAL SPINDLE SHAPER

S.K.F. BALL BEARINGS

No. S515

$14.25

(As Shown, with belt, less cutter)

Features

- Table 14″x10″, cast iron accurately ground.
- S.K.F. Ball Bearings (2).
- Spindle diameter $\frac{5}{16}$″ at one end to take small SS5 to SS12 cutters; other end ½″ to take large cutters SS16 to SS29.
- May be operated clockwise or counter clockwise.
- Newly developed guard and guide offers full protection and great ease in adjustments. Front guide adjusted with hand wheel. (Fine Screw adjustment.)
- Wood facings on guide.
- Spindle moved up or down with a hand wheel and locked in position with another.
- Spring hold down and side clip hold work firmly against cutter.
- Table has removable insert to permit attaching sanding drum.
- Height overall—12″.
- Recommended operating speed 7000 to 10,000, R.P.M.
- Shipping weight—36 lbs.

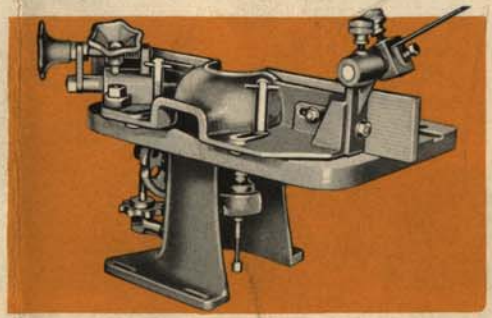
"Driver" Shaper Accessories are unusually high quality. All cutters are made from selected tool steel, accurately ground and tempered. This type cutter is by far the safest to use as its cutting edges are made as a unit. Thus the hazard of separate knives loosening up is eliminated.

YOU may have figured that the spindle shaper is a machine you could get along without. But once you hear this new machine with its business-like hum, and see it carving mouldings and decorative frames as if by magic, you will want one. Its almost uncanny ability to cut varied attractive designs from a plain piece of lumber will thrill anyone.

This is by no means an ordinary shaper. It is a superior job . . . from the S.K.F. Ball Bearings to the hand-adjusted guide. Every one of its many features is an important one from the standpoint of utility and convenience. Almost every feature is worth the cost of the entire machine.

To be efficient, a high speed shaper such as this must have good bearings . . . so S.K.F.'s, the highest priced bearings made, carry the spindle. To be accurate it must be correctly designed and the component parts heavy . . . so we use only heavy gray iron in the base and table, steel elsewhere. To be convenient it is essential that adjustments be simple and done wherever possible without wrench or other tool . . . so this shaper carries more hand wheel adjustments than any other shaper we know of. Every possible factor that ingenuity could devise has been incorporated in this shaper . . . for just one purpose . . . to enable you to get greater efficiency, accuracy and satisfaction in shaping.

Call at your local DRIVER Store and see this high speed vertical shaper in action. Its remarkable performance will impress you.



View from the rear showing sawdust chute in guard and adjustments for moving the guard assembly.

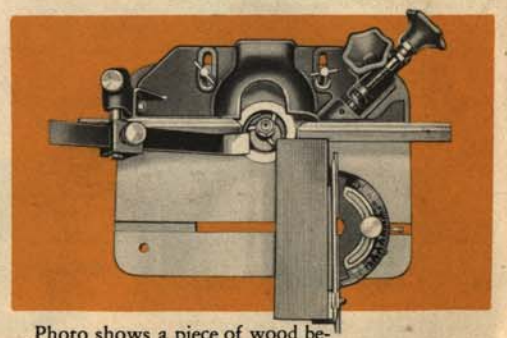


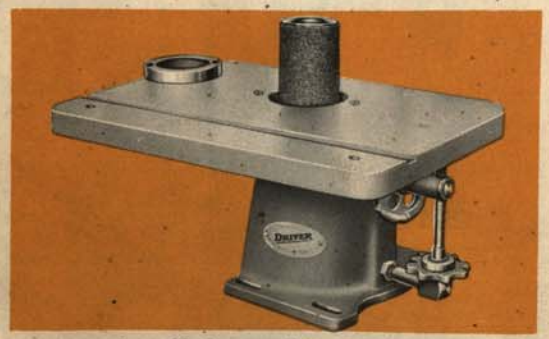
Photo shows a piece of wood being fed to the cutter using the mitre gauge (B11) for guiding.

SHAPES MOULDINGS AND EDGES OF TABLE TOPS

Accessories

5S7	Guard and Guide	$2.50
5S8	Set of Spring Hold-downs	1.00
SS5	Fluting Cutter	.50
SS6	Corner Rounding Cutter	.50
SS7	Cove Cutter	.50
SS8	Corner Rounding Cutter	.50
SS9	Cove Cutter	.50
SS10	Straight Face Cutter	.50
SS11	Corner Rounding Cutter	.50
SS12	Surface Bead Cutter	.50
SS14	Set of Depth Collars (for small cutters, 5/16" hole)	.25
SS15	Panel Knife	.75
SS16	Shaper Cutter 1/2" hole	1.00
SS17	Shaper Cutter 1/2" hole	1.00
SS18	Shaper Cutter 1/2" hole	1.00
SS19	Shaper Cutter 1/2" hole	1.00
SS20	1/4" Groove Cutter	1.00
SS21	1/4" Tongue Cutter	1.00
SS22	Straight Face Cutter	1.00
SS25	1/4" Straight Face Cutter	.75
SS26	1/2" Straight Face Cutter	.75
SS28	Table and Rule Joint Bead Cutter	1.00
SS29	Table and Rule Joint Cove Cutter	1.00
SS50	Depth Collars (large) 1/2" hole	.50
FS411	Sanding Drum with 2 belts	1.00
B11	Mitre Gauge	1.00

(For the Shaper we recommend the 1/2 H.P. 3500 R.P.M. Motor with reversing switch and PV4 pulley. If 1/3 H. P. 1750 Motor is used motor pulley should be 6 1/2" diam.)



By removing table insert and attaching sanding drum the shaper is converted into an excellent sander. Adjustment of the spindle up and down distributes wear on sanding sleeve.

Reversing Feature

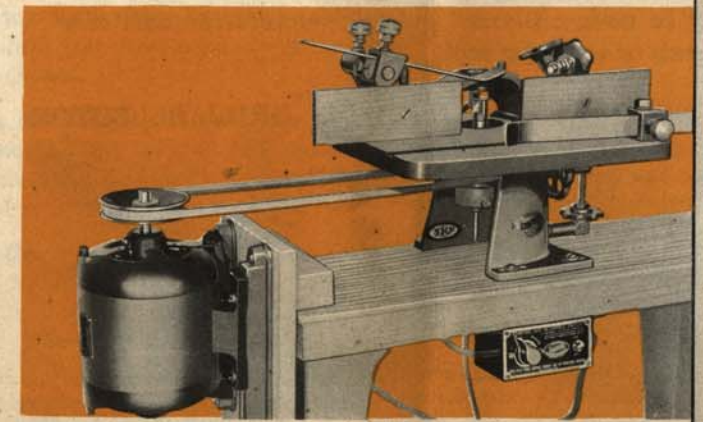
The advantages in being able to reverse the cutters on a spindle shaper is recognized by everyone who has done shaping. When shaping across the grain there is often a tendency to split off a piece of stock at the end of the cut. This can be avoided by inverting the cutter and the stock after the cut is partially completed and starting the cut again. With the "Driver" Shaper, cutters may be used with either end up, the reversing switch changing the direction of the motor. The keyed spindle with a key washer placed between the cutter and the lock nut effectively prevents the cutter from loosening.

Hold-Down Clips

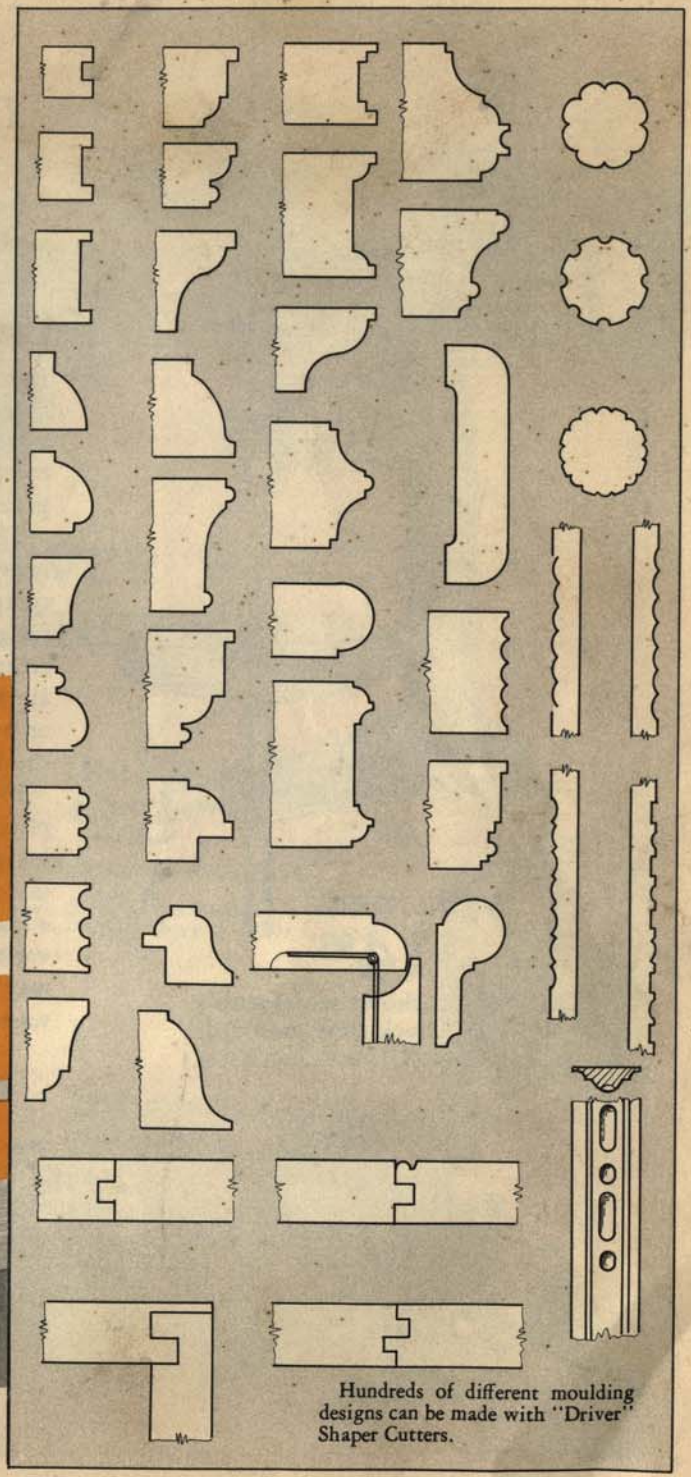
These hold-downs of spring steel are especially helpful in shaping small stock. The one attached to the table presses the piece against the cutter while the other holds it down. Each hold-down has two adjustments, one to alter the degree of extension and the other to change the angle of the spring.

Illustration at right shows an intimate view of the bearing and spindle assembly. The husky bracket and large S K F Ball Bearings constitute one of the finest bearing units made. Years and years of high speed service will not diminish its accuracy, quietness and efficiency.

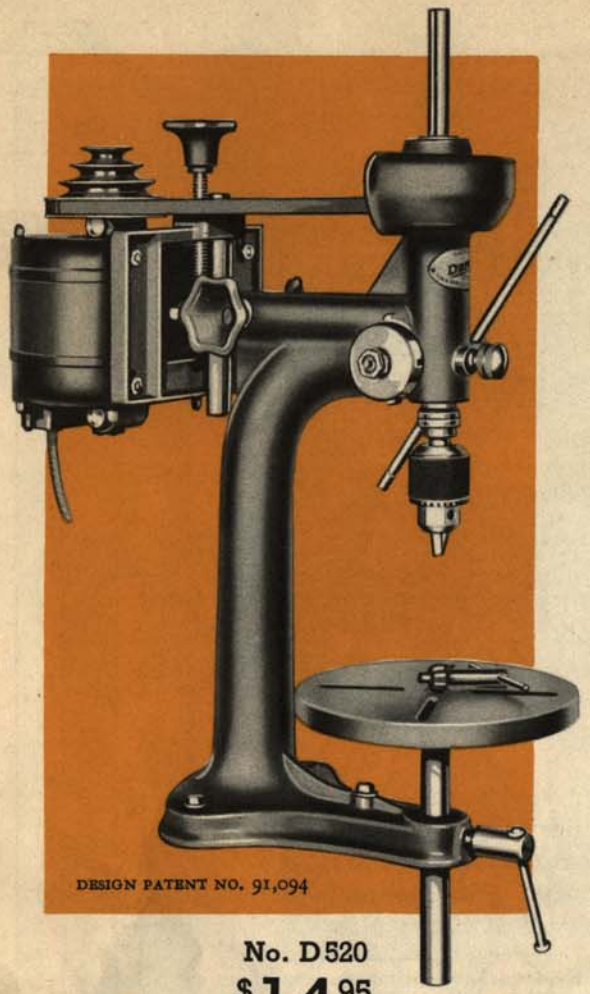
The spindle is 1/2" diameter at one end and 5/16" at the other to take both sets of DRIVER cutters.



This set-up is an ideal one incorporating the reversing switch and 1/2 H.P. 3500 R.P.M. Motor.



Hundreds of different moulding designs can be made with "Driver" Shaper Cutters.



No. D520
$14.95

Drill Press as shown with Jacob's ½" Key Chuck (less motor)
(Motor recommended, ⅓ H.P., 1750 R.P.M.)

DRIVER "SERIES 500" DRILL PRESS

There's a challenge in every line of this superb new drill press. The graceful flowing lines of the integrally cast head, stand and base are the rigid foundation of this perfect drilling machine. Add to this the machined steel quill, Jacob's Key Chuck, oilless bronze bearings, ball thrust bearing, carefully ground table and numerous other features and you will see how the Series 500 Drill Press profits by comparison. A drill press of these specifications in this price class has never before been available.

This drill press needs no "favoring." It can be used for heavy drilling . . . on production work. Wood, metal, compositions . . . any kind of material you would drill on any standard machine . . . is handled quickly and efficiently with this remarkable drill press. Two types of drive are available, direct with motor mounted at rear of head, or with a jackshaft for hook-up with a pulley mounted on the bench. Eight speeds are provided by either hook-up.

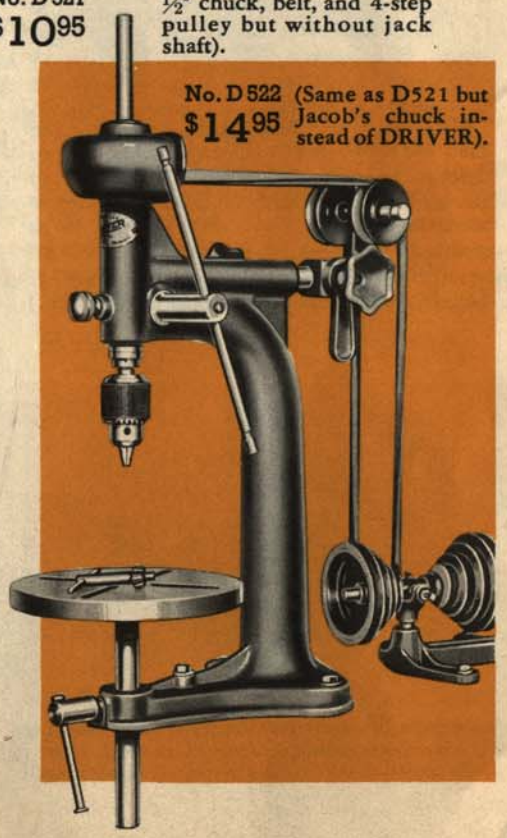
Every possible convenience has been developed to simplify operation. A knurled screw in the front of the head locks the quill in any position. A slide-bar bolt secures the table at various heights. The countershaft drive model has a lever to vary the position of the idler pulleys to allow for variation in belt lengths. Thus every necessary adjustment may be made easily and quickly, without the need of a wrench or any other tool.

FEATURES

- Capacity from 1/16" to ½" Drills.
- Rigid cast iron frame.
- Height overall—24".
- Distance table to chuck—7".
- Distance from frame to center of drill—5½".
- (Drills to center of 11" circle).
- Cast iron table (ground) diam. 8".
- Table adjustable up and down.
- 8 speeds.
- Spindle Travel—3½".
- Diameter of Spindle—⅝". End is ground taper for Jacob's chuck or threaded for DRIVER chuck.
- Oilless bronze bearings.
- Has a bearing above drive pulley as well as below eliminating distortion of the shaft and vibration.
- Ball thrust bearing.
- Quill is made from solid steel bar with teeth milled into it.
- Quill lock and guide screw.
- Adjustable idler for countershaft drive.
- Hand screw raises and lowers motor for pulley alignment.
- Motor base slides in and out, to regulate belt adjustment.
- Jacob's ½" Key Chuck.
- Shipping weight 32 lb.

No. D521
$10.95
(With idler and DRIVER ½" chuck, belt, and 4-step pulley but without jack shaft).

No. D522 **$14.95** **(Same as D521 but Jacob's chuck instead of DRIVER).**



At left is a close-up view of the motor base support and adjusting mechanism. The hand wheel at the top raises or lowers the motor and base on a screw, aligning pulley grooves correctly when speeds are changed. Locked in position by hand wheel at right, wheel at left locks motor base support in lateral position.

The idler set-up has the same lateral movement for belt adjustment. A lever is provided to raise or lower the belt to align with either groove of the drill press pulley when speeds are changed.

DRILL SELECTOR

Eight highest quality carbon steel drills—in a unique container at a lower price than you ordinarily pay for drills alone.
Sizes (round shank) 1/16", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8".
TD117 Drill Selector (with 8 Drills)..... **$1.25**

FEATURES

Length overall, 23″.
Length of front table, 9½″.
Length of rear table, 9½″.
Width of front table at rabbeting arm, 8″.
Rear table has rabbeting ledge.
3 High-Speed Steel Knives.
Balanced cutter-head made integral with shaft.
Cast-iron tables carefully ground.
Both tables adjustable.
Graduated quadrant on guide.
Safety guard supplied as regular equipment without extra cost.
Self-lubricating bronze bearings.
Guide 14¼″ long reinforced for rigidity. Adjustable to all angles.
Speed recommended 5000 R.P.M.
Weight (Shipping) 36 lbs.

Accessories

5P10	Motor Base	$2.00
VB34	34″ V Belt	.50
PV450	4″ V Pulley	.35
5P5	Extra Blades (set of three)	2.00

Thousands of DRIVER Jointers in Use

From the first, DRIVER Jointers have been popular. Craftsmen everywhere, quick to see the unusual value built into these machines, added a DRIVER Jointer to their workshop. Not only are they used in thousands of home workshops, many are doing daily work in lumber mills, factories, cabinet and pattern shops. On many jobs they have replaced machines costing ten times as much—and are doing the job as well.

Base for Motor and Jointer Available at Slight Extra Cost

This base of heavy cast iron enables you to have a compact, portable unit with motor and jointer installed. The motor section of the base is slotted so that the motor may be moved forward or backward to loosen or tighten the belt as required. Although it is seldom necessary to bolt this unit down on a bench, because of its weight, lugs are provided in the base for this purpose.

No. 5P10 Base..... $2.00

A GOOD planer not only eliminates the drudgery of surfacing rough lumber . . . it also assures greater accuracy. With the machine properly set it is practically impossible to make the errors so common in hand planing. This means a definite saving especially when expensive rare woods are being worked. The power planer can also pay for itself by salvaging old wood and by the savings effected in buying rough lumber instead of finished stock.

The new DRIVER 500 Planer was designed to provide the utmost in efficiency at a price well within the reach of all. It is not a cheap planer as close scrutiny will prove. A study of its specifications will convince you that a fair comparison can be made only with much more expensive machines.

Three High-Speed Knives

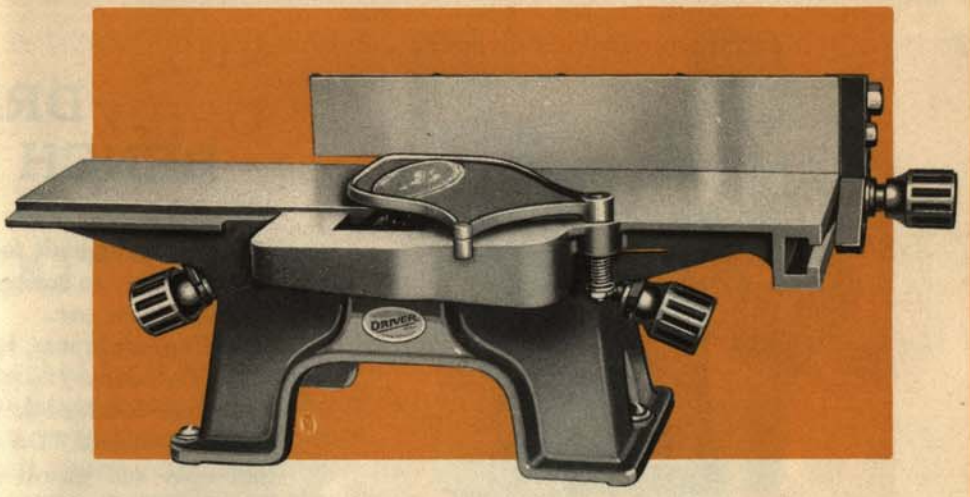
The advantage of having three high speed knives instead of two carbon steel ones as ordinarily used is obvious. Much smoother work is obtained with less sharpening of the knives. Other advantages such as adjustable tables, better design, greater weight, more convenient setting of the guide and superior safety guard are important factors which make this machine an outstanding value.

The balanced cutter-head is made integral with the shaft. The latest approved method of holding knives in their slots is used. Bearings are self-lubricating bronze. Base and tables are of close-grained gray iron strongly ribbed and carefully machined.

The guide is strongly reinforced for rigidity. The light metal guard affords full protection, receding as the work is fed. Thus the blades are kept covered at all times.

The smoothness, quietness and utter absence of vibration in this jointer even at top speed are sure indications of correct design, perfect balance and careful assembly. These factors contribute in a very real way to sustained accuracy of work and long life of the machine.

Be sure to see this new model in action at your local DRIVER store.



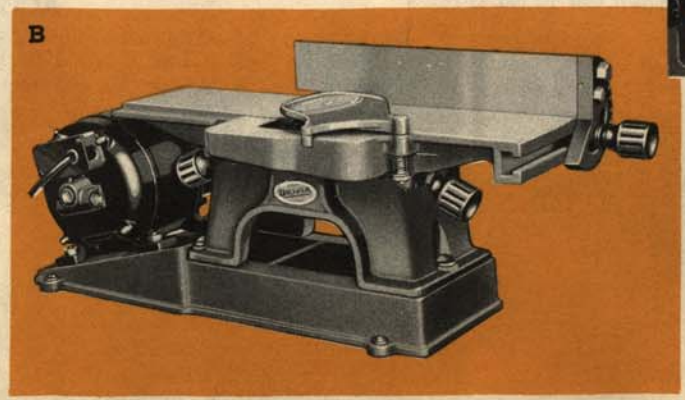
DRIVER "SERIES 500" PLANER, OR JOINTER

No. P525

$12.05

Without Motor or Motor Base

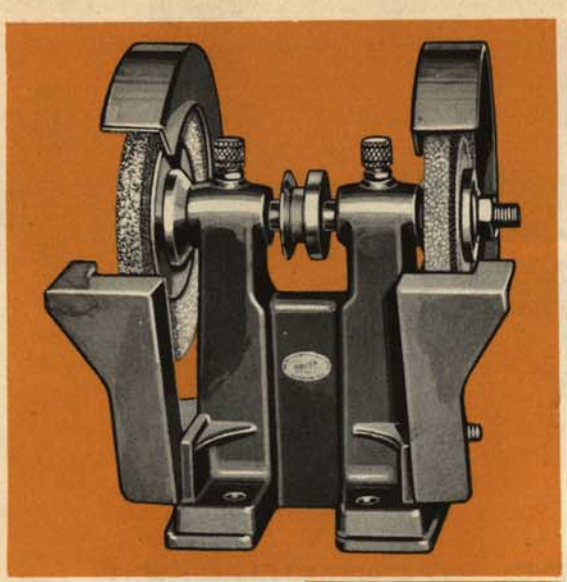
For light work the motor recommended is ⅓ H.P., 1750 R.P.M. For heavy work a ½ H.P., 3500 R.P.M. motor is best.



(A) shows close-up of protractor on guide. Accurately graduated to indicate angles of tilt. Very dependable.

Photo (B) shows No. P525 Planer, a compact, portable unit with base and motor attached. Slots allow motor movement for belt adjustment.

DRIVER BENCH GRINDER



No. G-10A
$4.75
As Shown

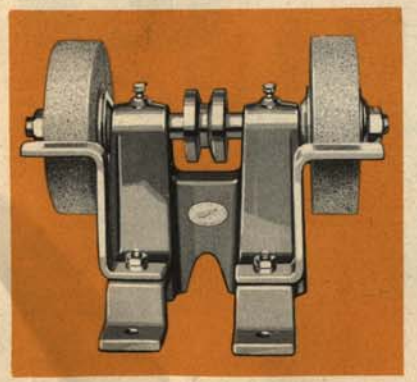
No. G-10
$2.75
As Shown Less Wheels

No. G-15
Cut-Off Unit $5.75
As Shown Above, Including Base

Cut-Off Attachments

G105	Guard for Cut-off Wheel	$1.00
G106	8" Cut-off wheel (for steel and metals)	1.00
G107	8" Cut-off wheel (for tile and ceramics)	1.00
G108	Clamping attachment with bracket	1.00
G109	Eye shield (non-shattering glass)	.75

(For complete unit use No. G-15).



4" Bench Grinder

A sturdy bench grinder at an exceptionally low price. Bearings are 5/8" in diameter. Two 4"x 3/4" grinding wheels supplied. May be driven from above, below or behind.

No. G5
4" Bench Grinder
$2.00

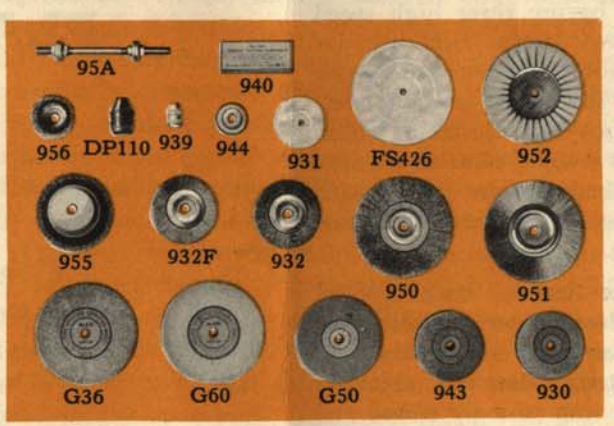
THIS tool is built for daily production work yet its price is so reasonable that every home craftsman will want one.

Bearings are bronze, 5/8" diameter with grease reservoirs. Turn-down grease cups supply positive lubrication. Shaft is turned down at ends to 1/2" diameter to take all standard "Driver" accessories. Adjustable tool rests and guards are so arranged that they function equally well with 4" and 6" diameter wheels.

This grinder is so designed that it may be driven from below, behind or above with a "V", round or flat belt, by changing pulleys. Sufficient clearance is left between bearings to accommodate a flat belt pulley. A 1 3/4" "V" pulley is furnished as regular equipment. Heavy, accurately ground collars for wheels are also supplied. Wire scratch wheels or cloth buffing wheels may be used instead of grinding wheels for rust or paint removing, polishing and buffing.

CUT-OFF WHEEL

Attached to frame of G10 Bench Grinder it enables you to cut steel, iron, brass and copper rods, tubing, springs, etc. quickly and economically. Also for fast, accurate cutting of tile, brick, terra cotta and similar substances. Set includes an 8"x3/32" wheel for metal only, housing for wheel, bracket with "V" shaped vise to hold work, and all parts for attaching.

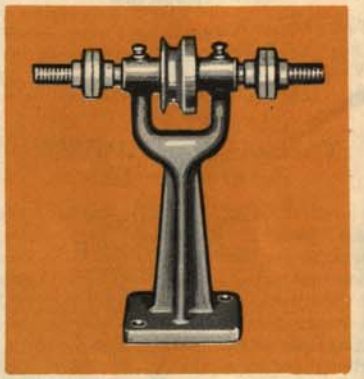


ACCESSORIES

95A	Polishing Spindle	.25	FS426	6" Cotton Buffer (1/2" hole)	.45
939	Drill Chuck (1/4" cap.)	.25	932	4" Coarse Wire Scratch Wheel	.50
DP110	Drill Chuck (1/2" cap.)	.75	932-F	4" Fine Wire Scratch Wheel	.75
930	4"x1/2" Grinding Wheel (1/2" hole)	.35	950	6" Coarse Wire Scratch Wheel	.75
943	4"x1" Grinding Wheel (1/2" hole)	.50	951	6" Fine Wire Scratch Wheel	1.00
G-50	5"x1/2" Grinding Wheel Fine (1/2" hole)	.65	952	6"x1" Tampico Brush	.75
G-36	6" Coarse Grit Grinding Wheel (1/2" hole)	1.00	944	Flange Washer	.05
G60	6" Fine Grit Grinding Wheel (1/2" hole)	1.00	940	Buffing Compound	.25
931	3" Cotton Buffer (1/2" hole)	.25	955	4" Wire Cup Brush	1.00
			956	2 3/4" Wire Cup Brush	.75

POLISHING HEAD

No. 94A
75c
As Shown



With its numerous accessories this tool is handy for sharpening tools, removing rust and paint, grinding and polishing metals, and drilling. It provides an excellent and permanent set-up for grinding wheels which are used so frequently in sharpening tools.

Grinding wheels, wire scratch and cloth buffing wheels, drill chuck, Tampico brush, waxing brushes and other accessories with 1/2" holes can be mounted on the polishing head.

Driven by endless "V" belt. The 1/2" spindle is fitted with a nut and lock nut at each end, one set being right hand threads the other left.

The New

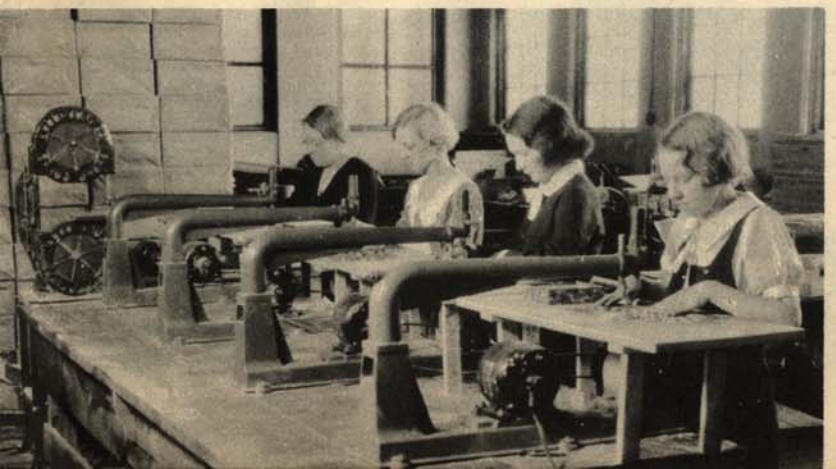
DRIVER "SERIES 700" LINE

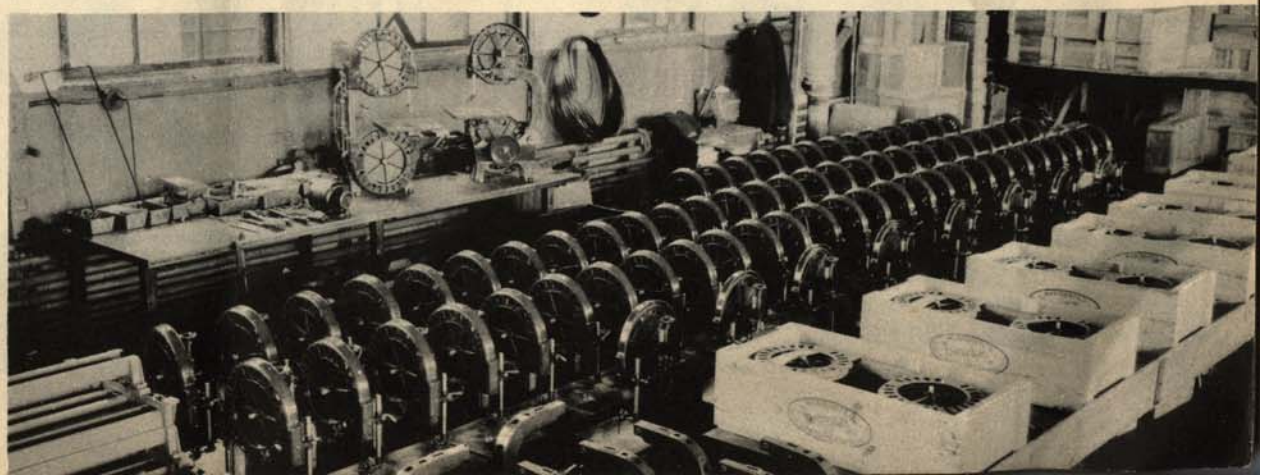
With the far-reaching plans of the administration . . . backed by industrial and labor leaders of the country . . . definitely aligned to a program of fewer hours per week for the individual worker, it is evident that most of us are going to have more leisure hours.

What to do with this new leisure? Some will increase their sports schedule, others add to their culture while others improve their education. One group—increasing by thousands every year—will enjoy a hobby that embraces many of the virtues of each. Home Industry . . . making articles of furniture, jig-sawing toy soldiers or doll furniture for the kiddies, making inlaid gifts and knick-knacks or effecting the necessary repairs about the home . . . here is a hobby that satisfies and yields unusual dividends.

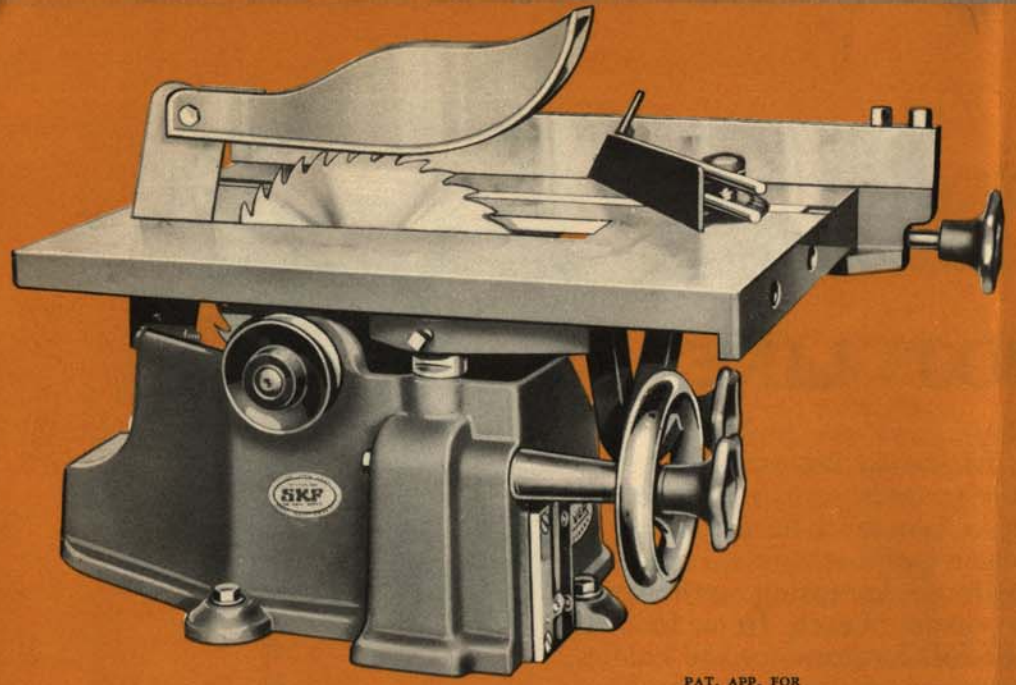
Having a home workshop for a hobby is healthful—it gives relaxation from the daily grind. It is fascinating—there's a thrill in watching a stick of wood transformed into a shapely turning under your chisel. It is educational—teaching you how to judge the quality of furniture you buy. Wood-working is also sport . . . not competitive exactly . . . but sport nevertheless. It calls for your best, and there's plenty of exercise if you want it.

For the man with hobby interests the "700" line is ideal. It is composed of machines somewhat heavier than the "500" series and lighter than the "900" line. Finish is the new, attractive DRIVER Gra-Green color. To get a fair conception of the remarkable features these tools embody you must read the specifications. Better yet, inspect the tools at your local store. You will see in them a degree of excellence you thought attainable only in very expensive machines. Your DRIVER dealer will gladly demonstrate.





DRIVER "SERIES 700" BENCH SAW



THIS new saw is a fine example of superior engineering. In it strength, simplicity and convenience have been developed to an almost unbelievable degree. Every one of its unique features contributes in a definite way to greater accuracy, speed and safety.

A glance at the descriptive photos will show you how effectively every detail has been taken care of. Hand wheels supplant ordinary nuts saving the operator the time usually lost in looking for tools necessary to make adjustments. A chute in the base directs sawdust away from the operator. S.K.F. Ball Bearings, the finest available, provide friction-free service over a long period of years. The splitter behind the saw spreads the wood slightly as the saw proceeds. This relieves binding and is especially helpful in sawing wet wood.

No. B-700

$18.15

As Shown

The base and table are made of close-grained gray iron. The table raising rack and pinion and ripping guide are of steel. The guard is a light weight casting and the splitter spring steel.

The table raising and tilting mechanisms are exclusive DRIVER features and deserve your special attention. A slight turn of the hand wheel raises or lowers the table at will, the movement being clearly indicated on a scale. A grip nut in the center locks the wheel in any position. Tilting the table does not affect the action of the guard.

Features

- S.K.F. Ball Bearings.
- Table tilts to 45°.
- Length of base 14″.
- Width of base 8½″.
- Adjustable screw stops for locating table at 45° or 90°.
- Splitter adjustable to align with saw.
- Diameter of steel rack 1 3/16″.
- Shipping weight, 70 lbs.
- Uses 8″ dia. blades.
- Guide is exceptionally rigid, made of heavy machined steel, 18″ long and 1½″ high.
- Spindle 11/16″ in diameter at bearings, ½″ at saw blade.
- Guard gives full protection yet is light in weight.
- Chute in base directs sawdust away from operator.
- Table close-grained gray iron 16″x12″, top ground smooth and polished.
- Slot milled in table to take standard DRIVER mitre gauge.
- Table has removable insert for dadoing and grooving.
- Maximum movement of table vertically 2¼ inches. Depth of cut 2¼″.
- Motor recommended: ⅓ H.P., 1750 R.P.M. for light work, ½ H.P., 3500 R.P.M. for heavy work.

The dado which is composed of two outside saws with chippers between them to regulate the cutting width is used for grooving. DRIVER saws and chippers are highest quality.

Accessories

7B10	6″ Dado Complete. Consists of 2 outside saws 1—¼″ chipper 2—⅛″ and 1—1/16″ chippers	$9.50
D55	5½″ Outside Dado Saw	1.00
D55A	5½″ Inside Chipper	.35
7B12	8″ Cross Cut Saw	1.50
7B12R	8″ Rip Saw	1.50
B11	Mitre Gauge	1.00
7B13	Set of Extension Bars	1.50
PV450	4″ V Pulley	.35
VB34	Endless V Belt (34″)	.50
G106	Cut-Off Wheel (for metal)	1.00
G107	Cut-Off Wheel (for ceramics)	1.00

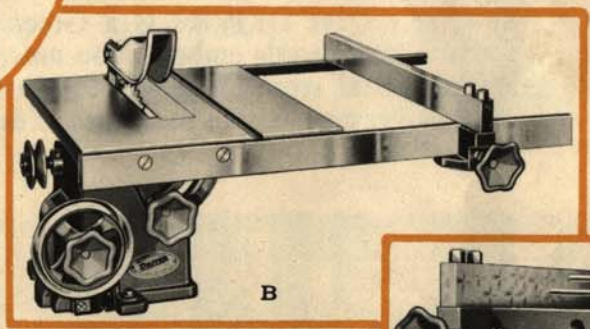
Chute in base directs sawdust away from operator.

Photo A shows saw with table tilted exposing the sturdy steel rack which raises and lowers the table, also the tilting quadrant control wheel and bearing mounting. The large wheel raises or lowers the table, the smaller wheel locks it in position.

Table Extension

A set of extension bars (No. 7B13) illustrated in Photo B is available for supporting long pieces of stock. All 700 Bench Saw tables are drilled to take extension bars, which may be attached in a very few minutes.

With these bars the width of the table is increased from 12″ to 24″. This increased capacity is especially useful when sawing large panels of plywood or composition board. The support thus afforded relieves binding at the saw and makes feeding easier. This feature, available in an 8 inch bench saw, provides large tool efficiency in a relatively inexpensive machine.



DRIVER "SERIES 700" DRILL PRESS

Features

Capacity 1/16" to 1/2" drills.

Table close-grained gray iron carefully machined, 9" x 8" may be tilted to any angle.

Greatest distance chuck to table 8".

Distance from chuck to base (which is finished same as table) 14".

Distance from column to center of chuck 6 1/2".

Movement of quill 4 3/8".

8 Speeds { 1000-1300-1450-1800 / 1900-2300-2400-3000 R.P.M.

Quill made from solid bar steel with teeth machined.

Self-lubricating bronze bearings 5/8" in diameter.

Supplied with taper spindle only.

Jacob's 1/2" capacity Key Chuck regular equipment.

An extra bearing above pulley greatly increases rigidity and minimizes vibration.

Machined steel column 2" in diameter.

Height over all 34".

Shipping weight, 92 lbs.

Motor recommended, 1/3 H. P.

Accessories

7D10	Mortising Attachment Complete	$2.25
7D11	Special Collet Chuck	.75
HC21	Hold Down and Guide Complete	1.50
HC25	1/4" Hollow Chisel	1.25
HC25A	1/4" Bit	1.00
HC37	3/8" Hollow Chisel	1.25
HC37A	3/8" Bit	1.00
HC50	1/2" Hollow Chisel	1.25
HC50A	1/2" Bit	1.00
D	Grinding Shape for Sharpening Chisels	.75
7D12	Threaded Adapter	.75
TD117	Drill Selector with 8 Drills	1.25
516	Jack Shaft Complete	2.50
C40	1/2" Clutch Complete	3.85
VB39	Belt for Direct Drive	.50
VB86	Belt for Countershaft Drive	1.00

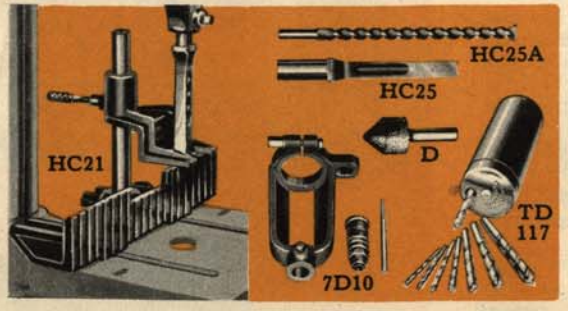
A NEW and worthy successor to our Model DP100—the drill press that made history in the home workshop field.

The DP100 was the first real power drill press ever offered to the home craftsman, and the unusual uses which our designers developed for this tool made it an inseparable part of every well equipped shop.

This new Series 700 Drill Press has behind it the experience gained in manufacturing and selling tens of thousands of the earlier model. Heavier, simpler and more accurate—it is a machine any man will be proud to own. It is built with mechanical precision never before associated with tools in this price class. It is exact enough to do the finest and most delicate drilling job, and sturdy enough to thrive under the severest grind of daily shop production.

8 Speeds Available

The 4-step motor pulley drives to a two-step pulley on the spindle. Thus eight speeds are available and work of varied character can be performed with utmost convenience.



The illustration at the right shows the mortising attachments in use with the countershaft drive. Either countershaft or direct motor drive may be had. The No. C40 Clutch makes a handy addition enabling the operator to stop the drill press at will without stopping the countershaft or motor.

No. D705

$21.95

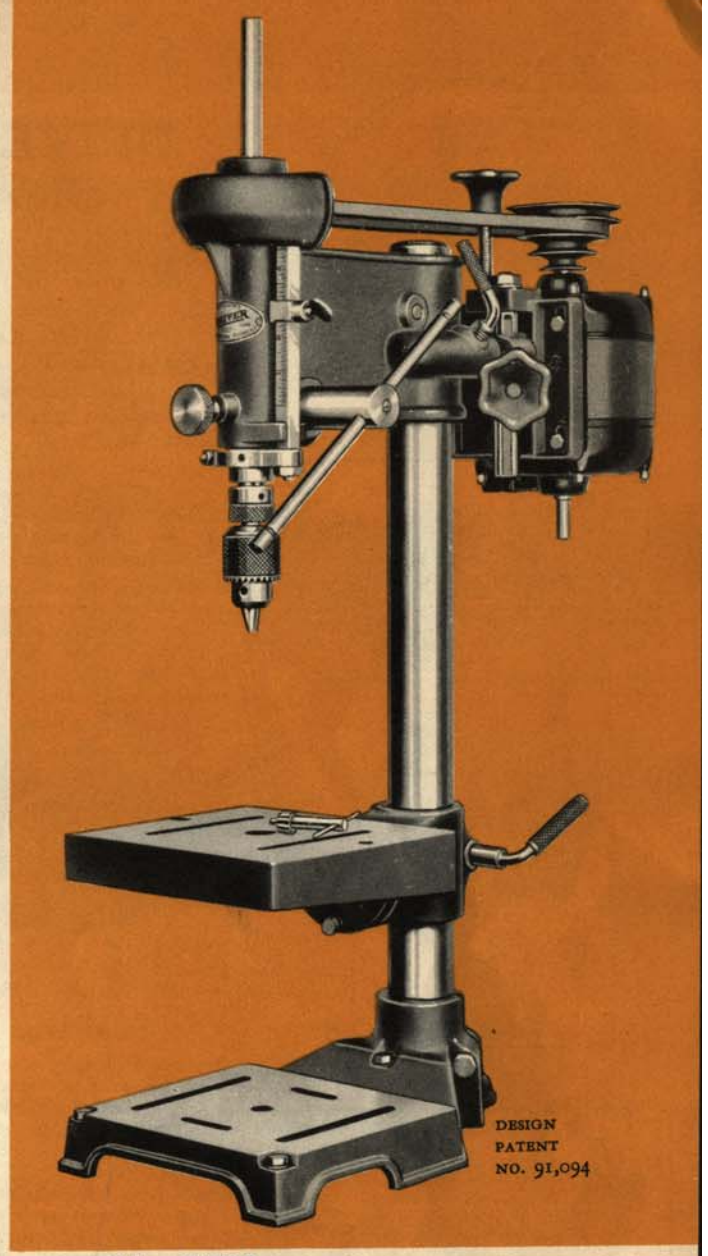
As Shown Less Motor

Hollow Chisel Mortising

The set-up illustrated (below) is the simplest method of machine mortising we know of. It is entirely practical as the drill press was designed to withstand the particular stresses that mortising brings.

This method which was introduced by DRIVER has since been widely copied.

The principle on which it works is simple. The hollow chisel is attached to the mortising housing which, in turn, clamps directly to the steel quill. The bit is inserted through the lower end of the chisel and pushed up until the cutting end of the bit projects about 1/16" below the end of the chisel. The bit is then clamped tightly in the Special Collet Chuck. In operation the bit precedes the chisel, boring a round hole. The chisel forced downward with the feed lever cuts out the corners leaving a perfectly square hole.



No. D706 Same as D705 excepting that Idler Unit and 86" belt are used instead of Motor Table and 39" belt **$21.95**

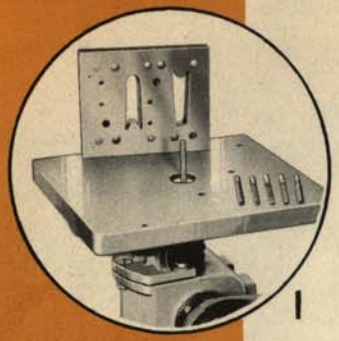
SUPERIOR MOTOR MOUNTING

This new DRIVER feature is deserving of special consideration. It enables the operator to change speeds quickly and easily. No tools are required, all controls being hand operated. The motor base is mounted on a heavy steel shaft extending into the head casting. To tighten the belt the assembly is simply slid out further. In changing speeds the pulley grooves are aligned by screwing the top hand wheel up or down as required. In this way eight speeds are obtained.

DRIVER "SERIES 700" 12" JIG or SCROLL SAW

(Formerly J-12)

While this model is made compact and handy for the shop with limited bench space, its capacity with arms removed is unlimited. The J-712 is identical with the J-724 shown on opposite page, excepting that it has shorter arms. It does the same work—runs with the same smooth powerful stroke, attains the same speeds and is readily adapted to do sanding, sabre sawing and filing. It may be run from a countershaft or direct from a motor.



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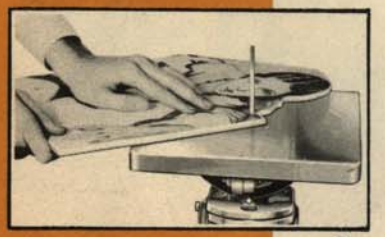
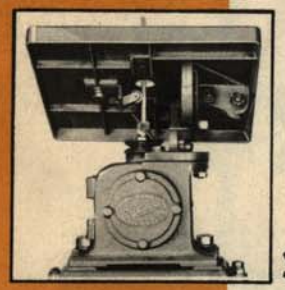


2

1. Six different machine files of varying shapes make metal filing possible on the jig saw. Saves hours of tedious hand labor.
2. Large cutouts for store window and counter displays too big for ordinary jig saws, can be handled easily on this machine. With its arms removed there is no limit to its capacity.
3. When the arms are removed, the saw blade is supported by the roller guide attached under the table. This guide makes it possible to use jig saw blades as well as sabre blades without a guide above the table.
4. A sturdy adjustable fence is secured to the jig saw table to facilitate work such as sabre sawing and die filing where a guide is an added convenience and where accuracy is a premium.

BN-40 Cast Iron Fence.....$1.00 BN-41 Bracket for Fence.....$1.00

5. Jig saw puzzles, always a popular diversion, are sawed apart with either "Driver" Jig Saw, with arms assembled.
6. Printers and engravers find this machine highly accurate for mortising, cropping and notching electrotypes, half-tones and line-cuts.
7. Auto shops servicing cars with brake lining and equipped with this new multi-duty jig saw can carry a standard width of lining and saw it to exact width for each order.
8. Sanding a scroll design is difficult by hand but a simple job with this jig saw. An ordinary dowel pin wrapped with sand paper does finished sanding in less time than it can be done by hand.
9. Large department stores as well as smaller retail shops find the jig saw handy in cutting out novel display material and block letters for their store windows.



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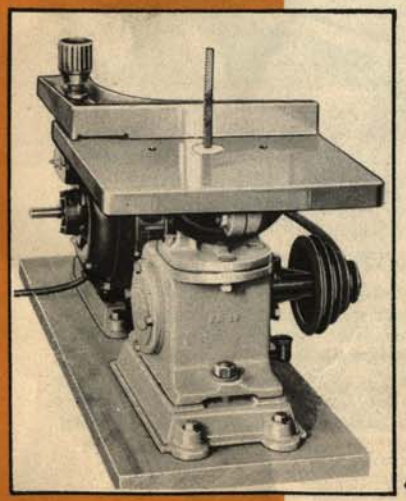


4

Features of J-724 and J-712 Models

Cast Iron table 10½" x 10¾" accurately ground. Tilts 45° right and left and 10° front and back. Table has removable soft metal insert.

Angle of tilt plainly indicated on graduated quadrant.

Model J-724 has unit base, slotted at motor position for belt adjustment.

Motor pulley, 1⅜" has four grooves of uniform diameter, affording four speeds for various kinds of work.

Table, crank-case, base and arm are close-grained gray iron.

Main bearing bronze, self-lubricating.

Universal chuck takes blades up to ½" in width. Sections round, flat or angular are held firmly in it.

Special vises for small puzzle blades.

Upper and lower guides made from seamless steel tubing ground to exact size.

Spring return tension adjustable for all classes of work.

Roller guides are of hardened tool steel, with grooves for various thicknesses of blades. When sawing without the arm in place this guide may be attached to the under side of the table.

Spring hold-down prevents work from being lifted on up stroke of blade.

A positive piston type blower for removing sawdust is built into the head.

Crankshaft is perfectly balanced, crank pin tool steel hardened.

Cross-head is fully self-aligning and automatically lubricated.

A fabric boot over lower guide protects bearings by keeping out metal filings and similar substances.

Speeds—765—940—1225—1750 R.P.M.

Height overall—21".

Length overall—(J-724) 33".

Shipping weights (without motor)
J-724—115 lbs. J-712—65 lbs.

5

6

Very little attention is required by this jig saw. Lubrication of the main driving mechanism is done by the splash system. All you have to do is to maintain the oil level in the crank case. A drop of oil occasionally on the upper guide takes care of it.

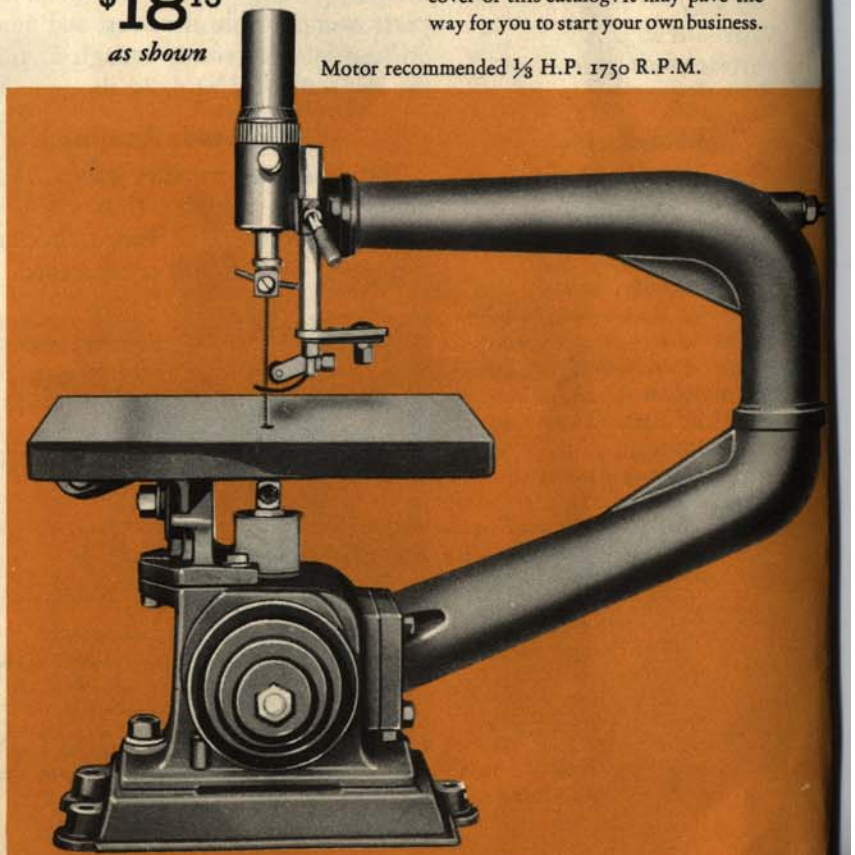
To the man who owns a "Driver" Jig Saw the possibilities for making money are almost unlimited. He will find plenty of jobs to do once he is equipped to handle them. Beside the many commercial jobs shown here dozens of others are to be found in every community. See the latest development for jig saws, "DESIGNS ON WOOD," illustrated on the back cover of this catalog: it may pave the way for you to start your own business.

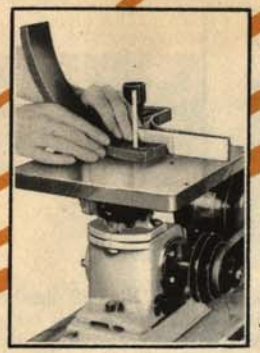
No. J-712

$18.15

as shown

Motor recommended ⅛ H.P. 1750 R.P.M.





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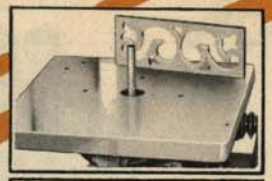

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9

DRIVER "SERIES 700" 24" JIG, or SCROLL SAW

(Formerly J-24)

When this tool went on the market it set a new standard of values—a standard that has never been equalled. Thousands of owners—craftsmen and puzzle manufacturers—will tell you it is the finest machine of its kind built. Certainly no other one has a greater variety of uses or performs smoother or more efficiently. In flexibility of operation, selectivity of speeds, breadth of utility and in-born stamina it is unsurpassed. The perfect balanced movement of all working parts, the smooth feeling of power, its keen effortless cutting—all appeal to the man who admires quality tools!

Jig sawing, filing, sabre sawing and sanding can all be done with this machine. It meets the requirements of daily production work as well as home workshop use. Every type of jig sawing from the most delicate scroll work to cutting heavy pieces is done easily, quickly and safely.

The Model J-724 Saw has a throat capacity of 24" with the arm in place. The arm may be removed for sabre sawing, filing or sanding, affording unlimited capacity. Movement of the motor for purposes of belt adjustment is done by loosening a single nut at the rear of the motor base.

To provide utmost convenience and accuracy when operating with the table tilted, a graduated scale is attached to the quadrant section of the table. A pointed pin in the base indicates clearly the degree of tilt.

Special blade vises and hold-down for puzzle work are available.

If you want to see the finest Power Jig Saw built—in action carefully cutting out intricate designs, hogging its way through heavy stock, or cutting metals—call at your nearest "Driver" store. This superb machine will sell itself to you through its clean-cut inherent goodness.

No. J724

$21.45

as shown less motor

(Motor recommended, ⅓ H.P. 1750 R.P.M.)

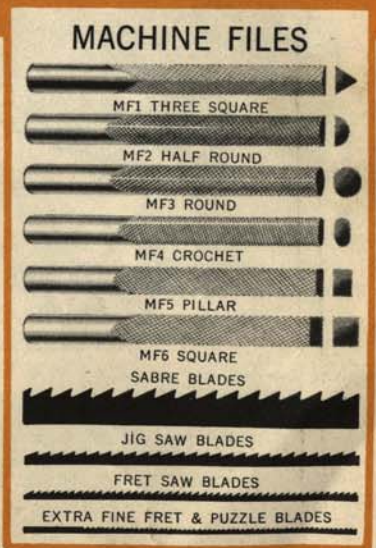
Sabre Sawing and Filing

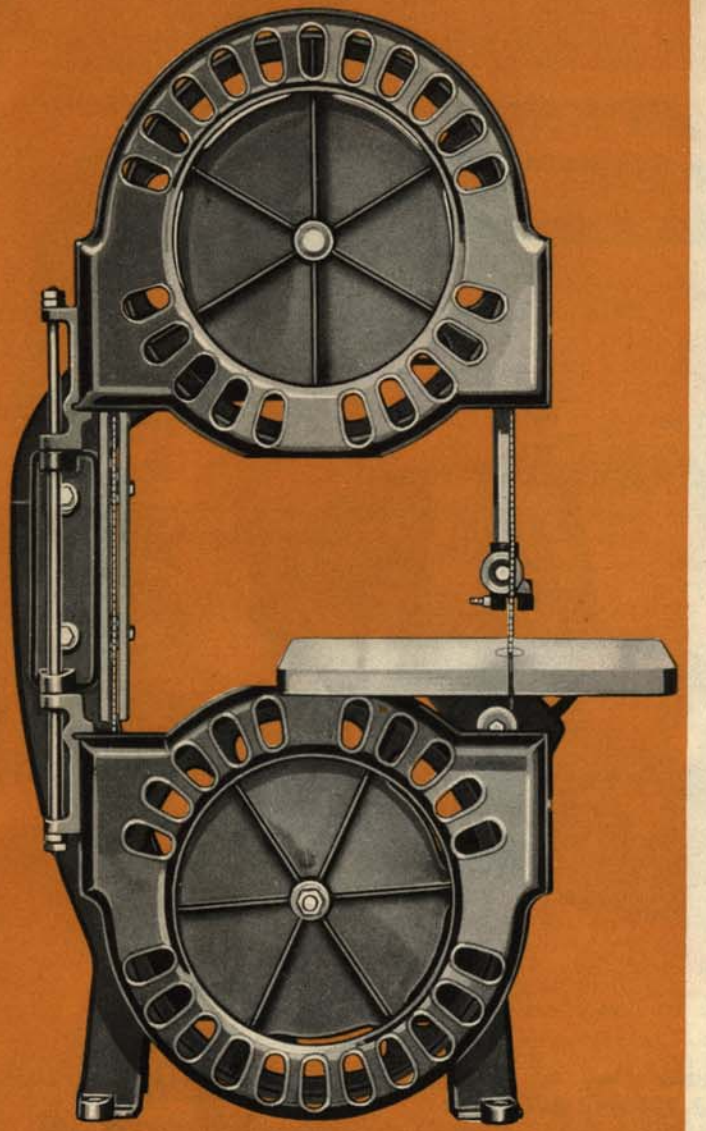
"Driver" Jig Saws are particularly adapted to this class of work because of their range of speeds, the positive yet free action of the roller guide and the fact that the guide may be used under the table instead of above. With the arm removed the work may be lifted off at will to gauge the progress made.

Accessories for Nos. J-724 and J-712

PV 34	1¾" Four Groove Pulley	$ .50
PA 6	Puzzle Hold Down	1.00
PA 7	Set of Puzzle Vises	1.00
MF 1	Three Square File*	.45
MF 2	Half Round File*	.45
MF 3	Round File*	.45
MF 4	Crochet File*	.45
MF 5	Pillar File*	.45
MF 6	Square File*	.45
SB 9	Pkg. of 9 Sabre, Jig and Fret Saw Blades	.45
332	Pkg. 6 Metal Cutting Blades	.25
PB 8	Pkg. 8 Puzzle Blades	.25
BN 27	Pkg. 6 14" Fret Saw Blades	.50
BN 26	Pkg. 6 14" Jig Saw Blades	.50
516	Sabre Blade (⅝ x 6")	.10
316	Sabre Blade (⅜ x 6")	.10
SB 6	Serrated Blade, cuts paper or cloth, doz.	2.00
S 19	High Speed Carbon Steel Blade (for cutting steel) doz.	2.50
FB 9	Flexible Back Blade (for cutting brake lining) doz.	1.50

*All files have ⅛" shanks.





No. BN710 $21.45 *As Shown*

Accessories

7BN17	3/16" Band Saw Blade	$1.00
7BN19	5/16" Band Saw Blade	1.00
7BN20	1/4" Band Saw Blade	1.00
7BN62	1/16" Band Saw Blade	1.00
7BN21	Metal Cutting Blade	1.00
7BN35	Special Blade for Brake Lining	1.00
VB42	42" Endless "V" Belt	.75
PV25	2 1/2" "V" Pulley	.25
C40	Clutch Complete	3.85

DRIVER "SERIES 700" 12" BAND SAW

(Formerly Model BN100)

WHEN this band saw was originally introduced it received what was probably the most enthusiastic welcome ever accorded a machine of this type. It had more advantages than other 12" Band Saws yet was priced lower—based on quantity production. So greatly has its popularity increased, and so unique is its value, that we are continuing it . . . with refinements. The table is now ground smooth.

Much unusual work can be done with a band saw and no shop owner should be without one. You can get the beautiful curves and graceful cuts so necessary in making attractive furniture with amazing speed and ease. Besides woods of all kinds, metal and certain compositions may be cut efficiently with the metal cutting blade. Sanding of curved and intricate designs is easily accomplished with the sanding belts which may be slipped on in place of the saw blade.

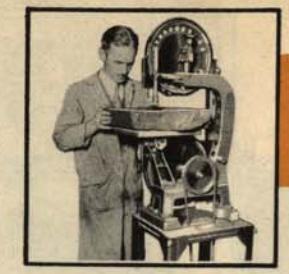
Utmost rigidity is assured by the simple, heavy castings and scientifically designed frame. Safety features have been given very careful consideration (guards are included as standard equipment).

With all its sturdy strength and rigidity the DRIVER 12" Band Saw weighs but seventy-two pounds and is readily transported. Viewed from every angle the DRIVER Band Saw is an achievement of engineering and manufacturing skill.

Features

Frame is close-grained iron, hollow column, unusually rigid.
Wheels are disc type reinforced with ribs, balanced, rubber-faced.
Table is cast iron ground smooth, 12"x11", tilts 45°.
Bearings are oversize bronze, with grease reservoir.
Capacity 6" stock.
Guides are hardened steel discs, which revolve with saw thrust.
Tensioner is enclosed spring type, governs alignment of wheels.
Height overall 34".
Weight (shipping) 72 lbs.
Motor recommended, 1/3 H.P., 1750 R.P.M.

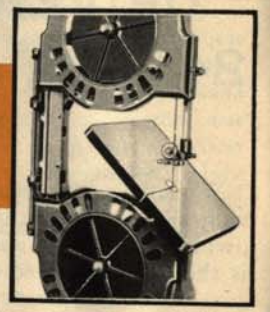
In thousands of workshops . . . the world over . . . the DRIVER 12" Band Saw has won an enviable reputation for accurate efficient work. See it in action at your local DRIVER Store.



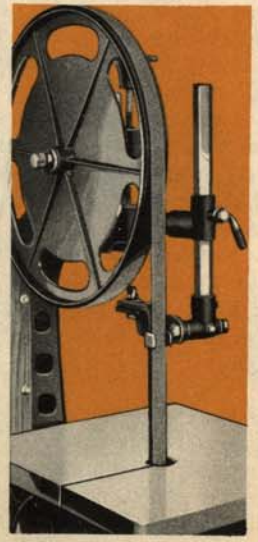
Sawing a 4" Walnut Butt with DRIVER Band Saw

The fine cutting qualities of the DRIVER Band Saw are apparent in all kinds of work, whether it is hogging its way through a 4" walnut butt or cutting light stock. So smoothly does it cut that sanding is seldom necessary. The 6" capacity from guide to table takes care of all average work. Every necessary adjustment for alignment is taken care of.

Table Tilts to 45 Degrees



Accurate angle cutting is done by tilting the table to the required angle. The table tilts on a quadrant and locks securely and rigidly in any position. To prevent damage to saw blade from interference with table, a soft metal disc slotted to admit the blade is used.



Sanding Attachments

By simply removing the band saw blade, slipping on a sanding belt and the special guides, your band saw is quickly converted into a fast cutting sander. It eliminates much of the drudgery of sanding especially the end grain on the edges of stock. Sands and smooths wood, metal, fibre, bakelite, bone, and other materials easily and quickly.

7BN30	Coarse Grit Belt	$ .25
7BN30F	Fine Grit Belt	.25
7BN32	Main Guide	.75
7BN32A	Set of replacement clips	.10

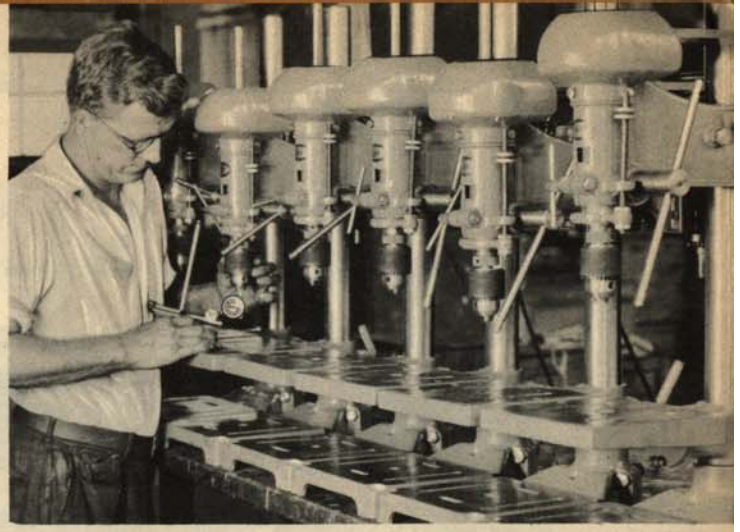
The New

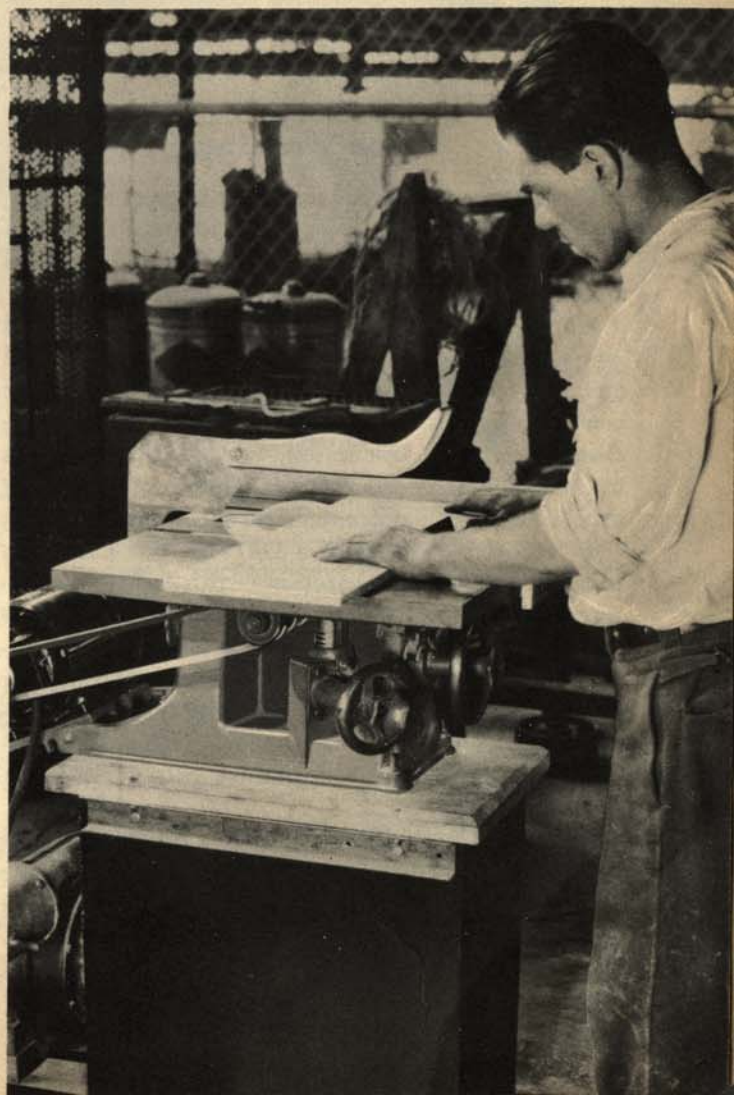
DRIVER "SERIES 900" LINE

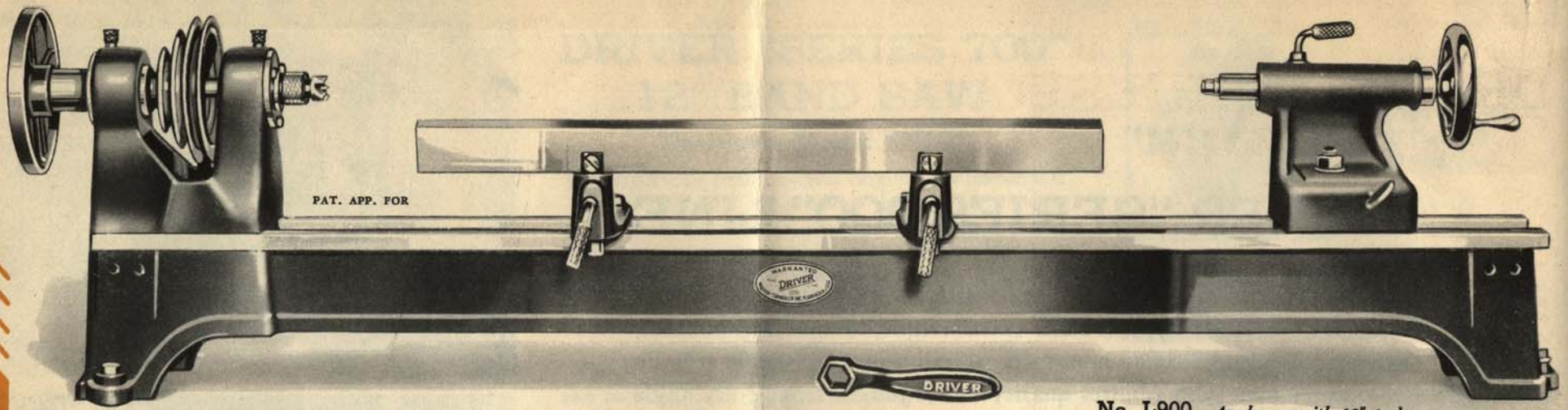
To those who can be satisfied only with the best, the "900" Series Tools will instantly appeal. Their extra weight, unique conveniences, extended uses and floating motor drives will win enthusiastic acclaim from every man who admires quality tools. Judged from every angle —they represent new and greater value.

All the "900" Models (Gra-Green in color) are equipped with S.K.F. Ball Bearings recognized the world over as the finest bearings made. Every machine with the exception of the jointer may readily be adapted to various types of work. For instance, the drill press can be used for mortising, carving, routing, shaping and dovetailing, as well as for drilling. The saw has accessories available for cutting steel, tile, brick and similar substances as well as wood, and the husky lathe may be used either for wood or metal work. In every machine we have endeavored to give unusual utility at the lowest possible investment. Already many of these tools are in use in some of the largest industrial plants in the country . . . doing steady production work . . . cutting operating costs . . . saving their owners money.

In selecting these tools for your shop you can be certain of unvarying precision and efficiency over a long period of years . . . even at full capacity on daily production work.







No. L900
$43.45

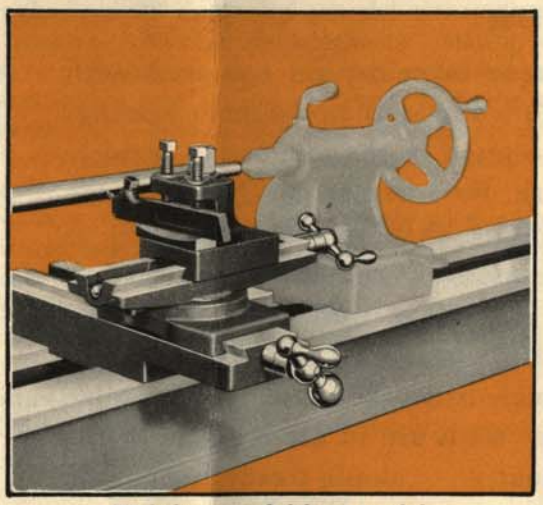
As shown with 12" tool rest instead of 24" illustrated (less face plate). 42" V-Belt included.

Wood Working

This lathe was designed and built to meet the exacting requirements of commercial pattern makers and of advanced craftsmen and mechanics who know and demand the best in a wood turning lathe.

While it is not usually considered essential to build into a wood turning lathe the strength and mechanical precision required by the best metal turning lathes, the new DRIVER Lathe has that extra strength and mechanical precision. One reason for this is that later on a full line of attachments will be available for converting this lathe into a modern, efficient metal turning lathe. The prospective owner of a DRIVER 900 Lathe can be assured that in the selection of this lathe he is getting the finest tool of its kind obtainable—and as time goes on—he may add the various parts and attachments, a few at a time as he sees fit, to convert it into a thoroughly practical and highly efficient machine for all kinds of metal work including screw-cutting, milling and all operations possible with the modern metal lathe.

For woodworking this lathe is in a class by itself. Its unusual capacity, extreme accuracy and outstanding quality will appeal to those who derive extra satisfaction from owning the best that can be bought.



With the compound slide rest attached accurate metal turning can be done.

General Specifications

S. K. F. Ball Bearings

Swing	10¼ inches
Distance between centers	37 inches
Diameter of spindle between bearings	1 inch
Size of hole in hollow spindle	⅝ inch
Cone Pulleys (4-step)	2¼, 3¼, 4⅜, 5½ inches
Range of speeds	700, 1300, 2300, 4200 R. P. M.
Height over all	14 inches
Width of bed at top	6½ inches
Length over all	57 inches
Shipping weight	180 pounds
Motor recommended	⅓ H.P., 1750 R.P.M.

Metal Working

With the compound tool rest shown at the left many kinds of metal working such as turning and boring, straight or taper, can be done with great accuracy.

The compound slide rest clamps directly to the bed of the Series 900 Lathe. All sliding surfaces are precision-fitted insuring smooth, positive and accurate action in all positions. It may be set at any angle on the horizontal plane, moved towards and away from the head stock (longitudinally) and crosswise of the bed (transversely). Distance of longitudinal feed 6 inches, transverse, 7 inches.

This attachment working in connection with the Morse tapered spindles and Jacob's Key Chuck of the DRIVER Lathe form a rare combination for the man of moderate means. Equipment of this type has never before been available at such reasonable cost.

The home craftsman, garage man, owner of a manufacturing plant or industrial concern will find this outfit perfectly satisfactory for light work. In the service station valves can be trued, bushings and other parts turned down, armature commutators turned down, coil springs wound and dozens of other jobs performed. The home craftsman has new opportunities to turn metal novelties and spin brass, copper or pewter.

DRIVER "SERIES 900" LATHE

BED: It is here that the DRIVER Lathe differs radically from others. It is not made up of light welded stampings, nor from standard steel sections, but from rigid cast iron which has passed through an aging process to insure permanent accuracy. The ways of the bed are first, carefully machined then, after aging, are again machined and tested. The weight of the DRIVER bed is several times that of the average lathe bed of similar capacity.

BEARINGS: The hollow head spindle turns on pre-loaded SKF Ball Bearings, a double row at the front and a single row at the back. Bearings are packed in grease and sealed in a dust-tight compartment. They require new lubrication only infrequently.

The front end of the spindle has a right hand thread for the face plate and the opposite end a left thread for large face plate work, a separate face plate being supplied.

On the DRIVER Lathe the face plate is directly against the lathe bearings thus permitting heavy work without danger of springing the spindle, as is often the case where the drive pulley is not located between the bearings.

Accessories

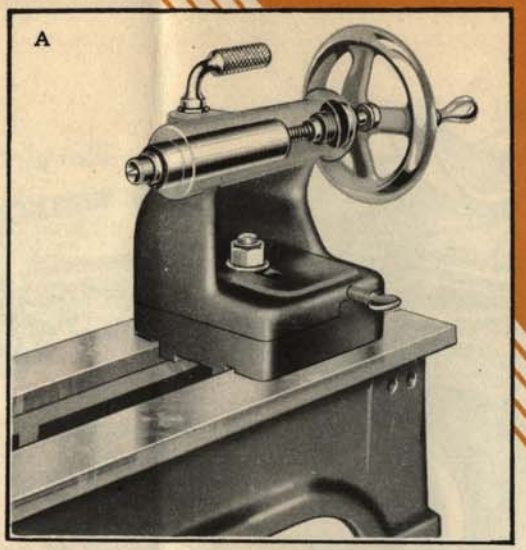
L375	1″ Gouge Chisel (Heavy Duty)	$1.00
L376	½″ Skew Chisel (Heavy Duty)	1.00
L377	½″ Spear Point (Heavy Duty)	1.00
9L25	Spur Center (No. 2 Morse Taper)	.75
9L26	Cup Center for tail stock (No. 2 Morse Taper)	.75
*9L27	60° center for tail stock (No. 2 Morse Taper)	.75
*9L28	Arbor (No. 2 Morse Taper) for Jacob's Chuck	.75
*9L29	Arbor (No. 2 Morse Taper) for grinding wheels, etc.	1.00
*9L33	3″ Face Plate with spurs and changeable centers	1.50
*9L34	6¼″ Face Plate (left thread)	1.50
*9L35	6¼″ Face Plate (right thread)	1.50
9L36	24″ Tool Rest with brackets	2.50
*9L37	Steady Rest, for small turnings	3.75
9L38	Swinging Bracket with support (less Tee)	4.95
9L39	12″ Tee Rest only	1.50
*9LB15	Lathe Bench complete	16.00
*VB42	42″ V Belt (Heavy Duty)	.75
*VB34	34″ V Belt (Heavy Type)	.50
*PV750	5½″ 4-step pulley (¾″ Hole)	1.00
PV500	5½″ 4-step pulley (½″ hole)	1.00
*FL1	Floating Motor Base	1.50

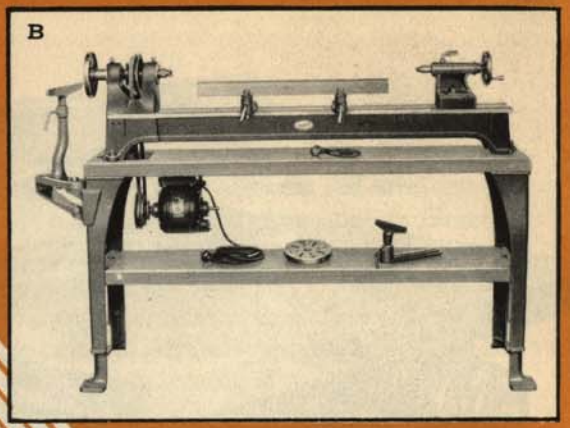
(Note all parts marked with * are also used for metal working).

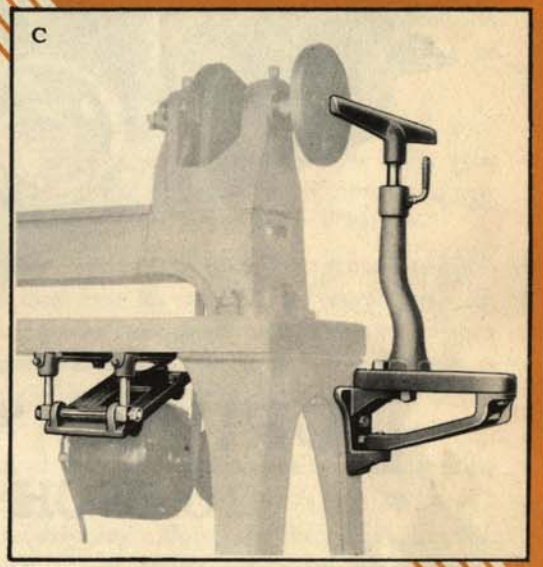
Metal Turning Accessories

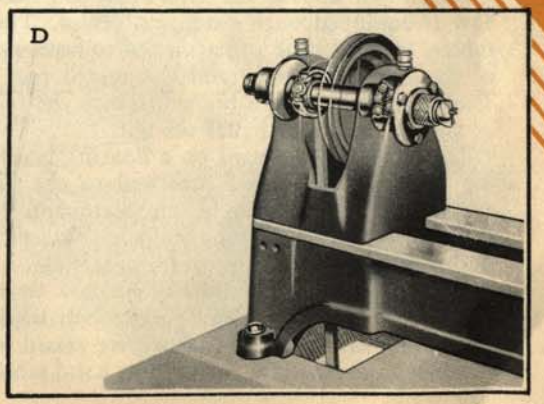
5L18	¾″ Lathe Dog	.50
6A	Jacobs Key Chuck (½″ cap.)	6.75
9L30	3″ Independent Jaw Chuck with back plate	11.00
9L31	Discontinued	
9L40	Compound Slide Rest with tool post (not including 9L41)	13.90
9L41	Double O Tool Holder with high Speed Steel Bit	1.45
9L42	Tool Wrench	.15
9L43	High Speed Steel Bit (not formed)	.10
OB15	Bronze-bushed self-aligning hanger (each)	2.65
OB16	Special ¾″ Shaft turned down to ½″ at ends	.75
RX10	Reversing Switch	3.50

(Note, other accessories for metal or woodworking are shown in upper listing.)









Photos A and D illustrate the tail and head stocks. Both are sturdy iron castings of correct design accurately machined. Head has hollow spindle, 1″ in diameter between bearings. Turns on double row SKF ball bearings at the front and a single row SKF at the back. Tail stock has set-over for turning tapers. Both spindles fitted for No. 2 Morse Taper.

Reversing Switch and Counter-Shaft Hook-Up

The countershaft is shown in Photo B. This set-up provides proper speed reductions necessary in metal turning. Almost an unlimited number of speeds are obtainable with various pulleys. The motor Reversing Switch, a new DRIVER development, is of prime importance in metal turning as this work requires operation of head spindle in either direction. For full description of motor reversing switch see Page 36.

Floating Motor Drive and Outside Tool Rest Bracket

Photo C illustrates these features. The floating motor bracket which suspends the motor from the under side of the bench allowing the weight of the motor to maintain the correct tension, is at once a convenience and necessity. It eliminates belt adjustments and prevents overloading the bearings.

The Outside Tool Rest Bracket is an entirely new development filling a long-felt need. With it large face plate work can be done very readily. The bracket swings out of position when not in use but is immediately available when needed. Needless to say, it is far superior to tripod stands and other flimsy devices sometimes used.

No. B911

$46.75

As Shown but with 10" Rip or Crosscut blade, Less Motor

No. B910

$38.50

As Shown but with 10" Rip or Crosscut blade, Less Motor and Extension Tables

¾ H. P. Motor $25.00

DRIVER "SERIES 900"

10 INCH BENCH SAW

As shown above, the DRIVER 900 Bench Saw is equipped with extension tables. These tables, each 8" wide and attached to both sides of the table proper extend the width to 31". The added width does not unbalance the table as the leaves are of equal weight.

The motor is mounted on a floating bracket which hinges on a rod attached to the base casting. This is an admirable feature as the weight of the motor keeps the belt at the proper tension at all times, preventing slippage and bearing overloads. A row of notches in the motor base allows for still greater belt adjustment. The saw blade and arbor are raised and lowered by means of a convenient hand wheel.

A real safety guard with splitter is standard equipment on each DRIVER saw. Many accidents can be traced directly to the fact that most guards, because of their inefficiency, are considered a nuisance by the operator and for that reason are not used. The DRIVER guard is one you will prefer to use as it does not interfere in any way. It is a light metal casting and hinges on the splitter. It retains its same relative position regardless of the angle of tilt of the table. This guard is also adequate, when abrasive cut-off wheels are employed.

The splitter is a heavy piece of spring steel mounted directly in line with the saw.

IN designing and building this new saw DRIVER engineers had just one goal in mind. That was to build the best and most serviceable portable saw yet developed for general use by mechanics and home craftsmen alike.

While this bench saw has more conveniences than the average machine of its type, none of them has been added for mere "sales appeal." Each feature and each convenience has a very definite job to do, and it must do that particular job better than it has ever done before. Each point has been studied and developed solely from the viewpoint of service to the user.

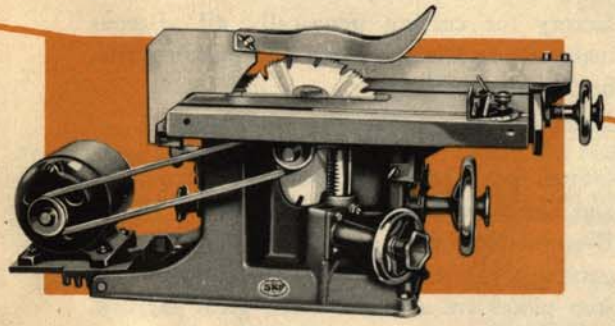
The correct selection of materials is an important matter in building a machine of this type. The DRIVER 900 saw is made entirely of gray iron and steel (with the exception of the guard). Savings could have been made with other materials but some degree of dependability might have been sacrificed.

While we have not wasted material in any sense of the word, the net weight of this saw is approximately twice that of competitive machines selling in the same price range. We believe that the extra weight and sturdiness of the DRIVER 900 Bench Saw will be appreciated by its owner especially if it is to be transported from job to job.

To get the most out of this saw, full ¾ H.P. is required. As most of the standard ¾ H.P. motors are too bulky and heavy for a portable outfit, a special motor has been designed which has proven eminently satisfactory. This motor is equipped with S.K.F. Ball Bearings and develops a full 1½ H.P. at 3500 R.P.M. Unlike most others, the DRIVER ¾ H.P. motor can be operated on house current with 30 amp. fuses.

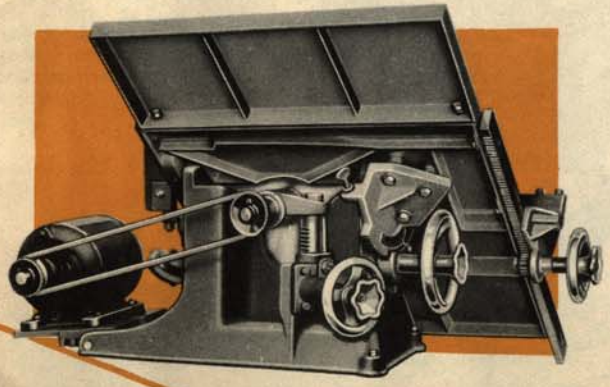
If saw blades of less than 10" diameter are used the motor may be of proportionately less horsepower. With an 8" blade the ½ H.P. motor is sufficient and with a 6" or 7" blade the ⅓ H.P. model will be satisfactory.

The illustration below shows the 10″ saw with extension tables removed. Note the floating motor bracket and drive, also the details of splitter and guard. Two grooves are machined into the table top so that the mitre gauge may be used on either side of the saw. A stop on the tilting quadrant may be adjusted so that the table can be tilted to an exact 45° without the necessity of checking the angle every time.



The photo below gives you an intimate view of the control mechanism. Note the sturdiness of every part, how the whole design was worked out as a unit and how accessible every part is.

At the right end you will notice an under-side view of the gear control which moves the ripping fence. Positive and accurate. When the fence is in position it is secured rigidly to the table at the opposite end by a thumb-screw.



Specifications For 10″ Bench Saw

Depth of Cut: 3¼ inches.

Table: Gray cast iron—annealed. Surface is machined—aged, and then receives final finish and polishing. Width without extensions 15″, length 21″. Has two grooves for mitre gauge. Removable insert for dado head. Edges of table are drilled for two 8″ extensions. Width with extensions 31″.

Base: Gray cast iron. Has removable plate for changing saws. Base extension carries floating motor base.

Arbor: Machine steel ¾″ in diameter at bearings. Size at saw ⅝″. Pulley size ⅝″. Raised and lowered on 1¾″ solid steel rack and cut steel pinion.

Bearings: S.K.F. ball bearings. Fully enclosed—dust tight—packed in grease. Require little or no attention.

Ripping Fence: Solid machine-steel bar ⅝″x1½″. Length 25″. Cast iron carriage geared to solid steel guide bar ⅝″ x 1½″. Ripping fence locked at both front and back. Scale in inches indicated on guide bar.

Guide and Splitter: Standard equipment on all saws. Both are of new design and give complete protection without interfering at any time.

Saw: Standard equipment is 10″ cross or rip saw. Size of arbor hole ⅝″. Saw is highest quality.

Table Tilting Device: Table tilts on steel fulcrum by means of cast iron segment and steel pinion. Table has two locking bolts, one in center of controlling wheel—the other at back of base. This device makes possible instantaneous table adjustment. Soft metal insert is machined with table to insure alignment and fit. Is held in place by two quickly removable screws.

Motor Base: Adjustable to fit different sizes of motors. Weight of motor regulates belt tension and compensates lengthening or shortening of belt due to raising or lowering arbor.

Motor: Suggested motor for 10″ saw—¾ H.P. 3500 R.P.M. For 8″ saw or under—½ H.P. 3500 R.P.M. Pulley size 2½″ on both motor and saw arbor. Belt—Driver heavy duty V belt.

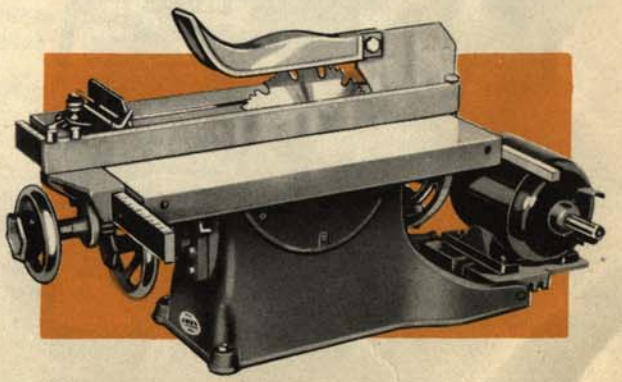
Accessories: Table extensions. Two ground and polished cast iron leaves 8″ x 21″ complete with special geared steel guide rack. Table extensions increase width of table to 31″. Guide rack is ⅝″ x 1½″ x 27½″ long, taking the place of the shorter rack. Has scale in inches indicated.

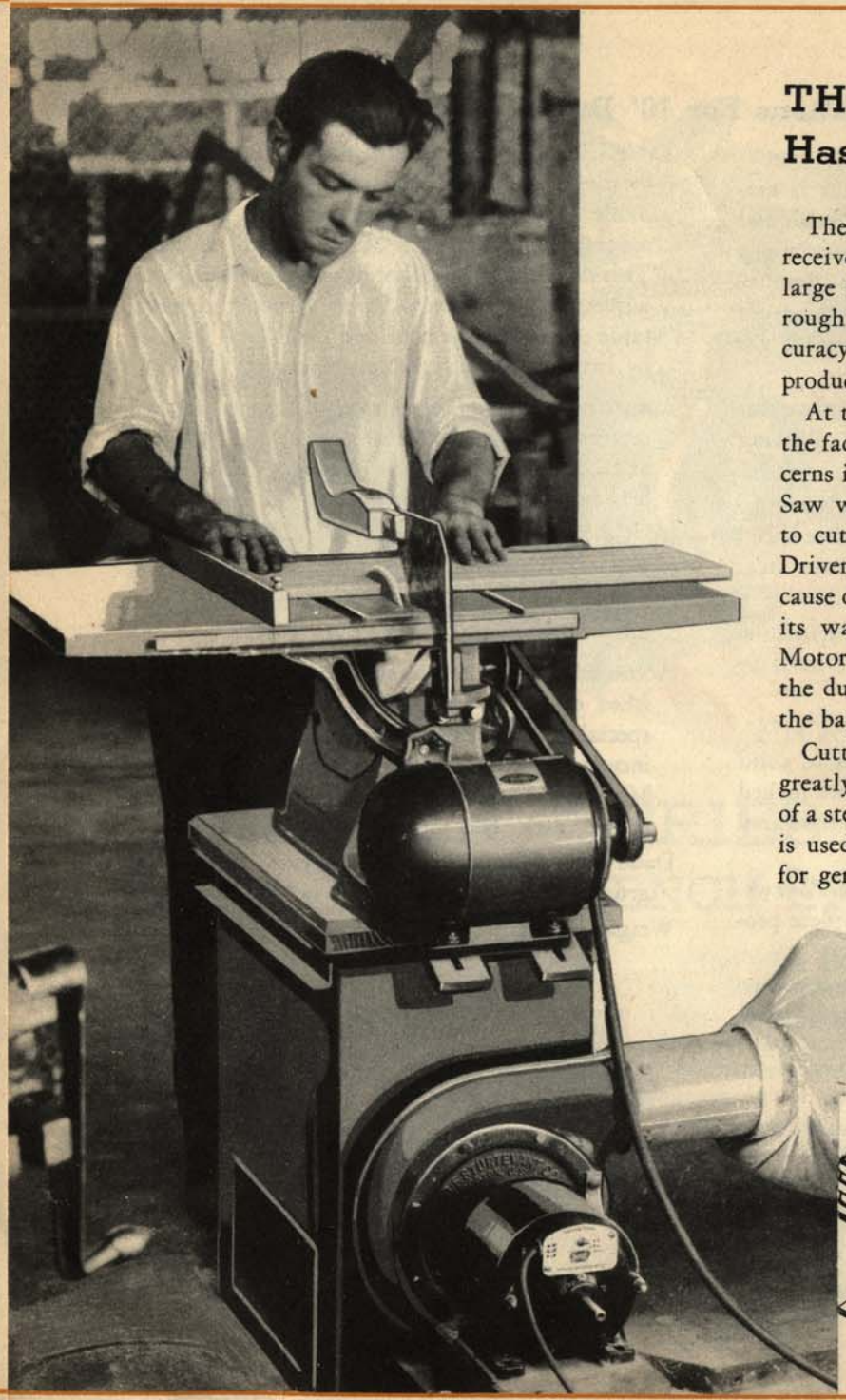
Dado Head: Special highest quality 6″ dado—cuts grooves from ⅛″ wide to 13/16″ by 1/16″.

Weight, (shipping), B910, 190 lbs.; B911, 215 lbs.

Accessories

9B39R	10″ Rip Saw	$1.85
9B39	10″ Cross cut Saw	1.85
9B37	10″ Combination Saw	2.50
9B38	Abrasive Cut-off Wheel (general purpose)	2.50
9B40	Pair of Extension Tables	8.25
PV275	2½″ V pulley (with ¾″ hole)	.25
VB34	34″ V Belt (Heavy Type)	.50
9B36	6″ Dado complete, consisting of 2 outside saws, 1—¼″ chipper, 2—⅛″ chippers, 1—1/16″ chipper	9.50





THE DRIVER "900" BENCH SAW
Has Many Industrial Uses

The DRIVER 10" Bench Saw has already received the unqualified approval of many large industrial concerns. Its ability to stand rough handling daily without losing its accuracy or efficiency meets with their strenuous production requirements.

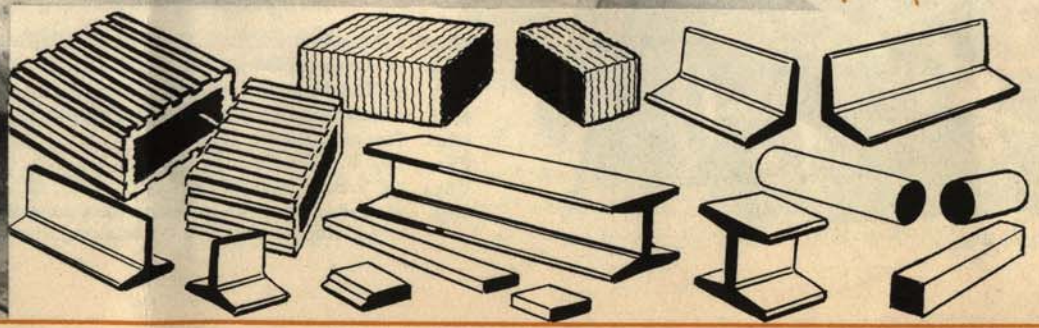
At the left is shown a typical installation in the factory of one of the largest industrial concerns in the country. Here the DRIVER Bench Saw with the abrasive cut-off wheel, is used to cut transite. Note the dust-proof ¾ H.P. Driver Motor. The dust-proof type is used because of the danger of fine abrasive dust finding its way into the motor. Another DRIVER Motor drives the exhaust blower which draws the dust from the saw base and forces it into the bag.

Cutting with abrasive wheels does not vary greatly from sawing wood except that instead of a steel saw with teeth, a thin abrasive wheel is used. A special wheel which may be used for general purposes has been developed especially for use with the DRIVER Series "900" machine. This wheel is particularly recommended for cutting transite and similar types of cement and asbestos board. It is also satisfactory for cutting practically all vitreous materials such as finishing and building tile, fire brick, etc.

Also Cuts Steel and Iron

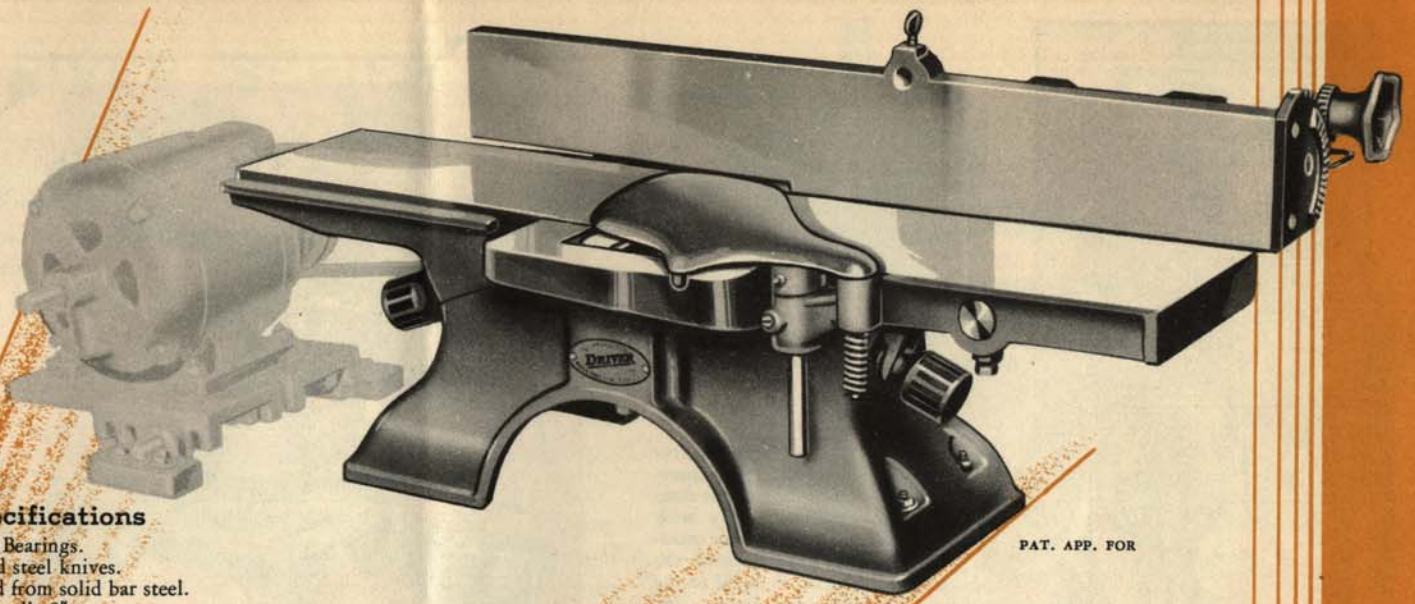
Steel rods, springs and bolts are cut quickly and easily with the abrasive cut-off wheel. Even hardened steel gives way before the fast-cutting abrasive. Cast, wrought and malleable iron pieces are also cut with great facility. Non-ferrous metals such as copper, brass and aluminum are readily cut with this remarkably efficient abrasive wheel.

Besides factory production work, the "900" Bench Saw is an ideal machine for packing and shipping departments. Many special jobs involving individual cases or crates can be handled readily with the assistance of this machine. The DRIVER Bench Saw can quickly pay for itself because of its low operating cost and small initial investment.



DRIVER "SERIES 900" JOINTER

No. P915
$27.50 *(as shown less motor and motor base)*



PAT. APP. FOR

Accessories

9P5	Floating Motor Base	$1.50
5S8	Set of Spring hold-downs	1.00
9P3	Set of 3 High Speed Knives	2.00
PV450	4" V Pulley	.35
VB42	42" V Belt (Heavy type)	.75

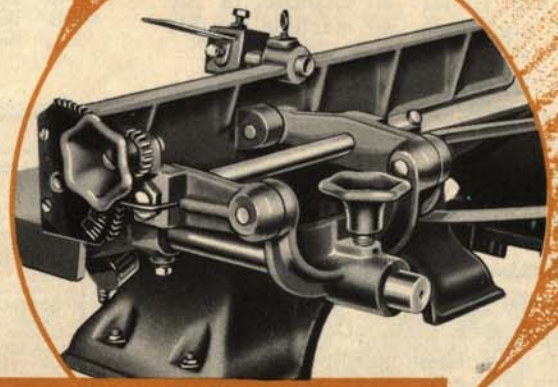
Unique Tilting Fence

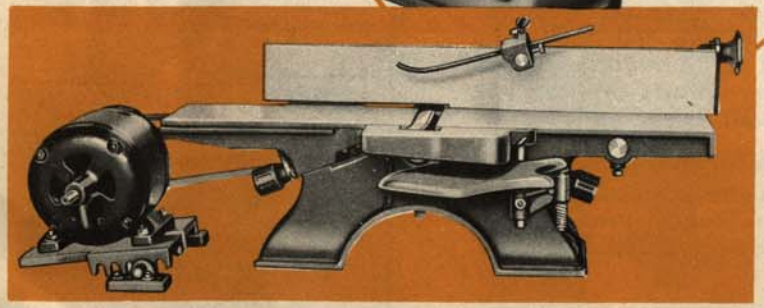
At right is shown the ingenious tilting fence. It tilts a full 45° to right or left, the motion being controlled by a spur gear acting on a geared segment which is part of the fence itself. A scale and pointer indicate clearly the degree of tilt in either direction. The fence may be locked in any position and moved across the table without altering the angle.

The fence is 24" long and 3¼" high, made of well-ribbed cast iron carefully ground and polished. The hole near the top center is for attaching spring hold-down.

Specifications

S.K.F. Ball Bearings.
3 high speed steel knives.
Head turned from solid bar steel.
Length over all 28".
Width over all 10¾".
Height 7½".
Shipping weight 98 lbs.
Motor required ⅓ to ½ H.P.
Operating speed 5000 to 7500 R.P.M.





While rabbeting or adjusting the knives the guard is simply slipped under the overhanging arm of the front table. (Pat. Pending)

THIS new jointer should not be confused with ordinary 4" jointers. It is longer, heavier, more accurate and without any question more durable. These features . . . combined with many new devices to increase convenience in operation . . . make this machine the finest in its class.

In making certain that defects common in many jointers should not be part of the DRIVER, our engineers carefully designed each sectional casting so as to eliminate strains due to unequal contraction in casting. Where necessary to prevent warping, castings are heat treated or annealed.

In considering the requirements necessary to produce a jointer that would be outstanding from the point of view of the man who demands the best, we did not rely entirely on our own judgment but consulted men whom we consider finished craftsmen with long experience in the use of power woodworking equipment.

A jointer of simple design resulted—sturdy, accurate and correct in its every proportion. There are no "gadgets" of doubtful value hung on solely to catch the eye of the uninitiated—but every worthwhile feature is included. We believe the 900 Jointer has no equal in its field.

SPECIAL FEATURES

TABLES: Close-grained gray iron accurately ground and polished. Width of front table is 9" across rabbeting arm. Width of rear table 6¼". Overall length 28".

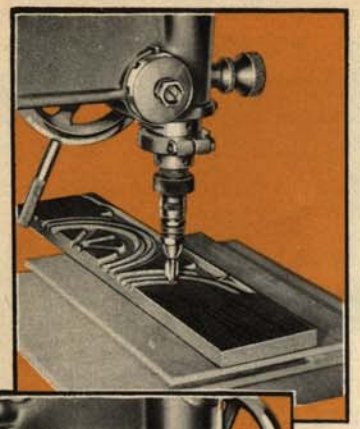
CUTTER HEAD: 4¼" long, safety type, machined from solid bar steel, integral with shaft. Dynamically balanced. Designed for speed of 5000 R.P.M. Knives are high speed tungsten steel, carefully honed and adjusted.

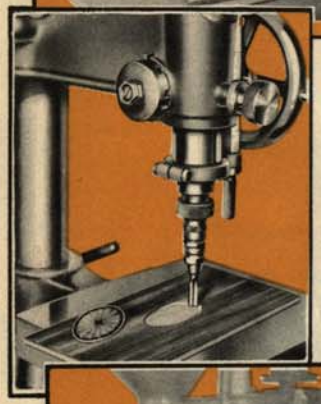
BEARINGS: A jointer is only as good as the bearings used, for this reason we have selected what are known the world over as the best—S.K.F. They are sealed in dust-tight metal housings and require renewal of grease only at rare intervals.

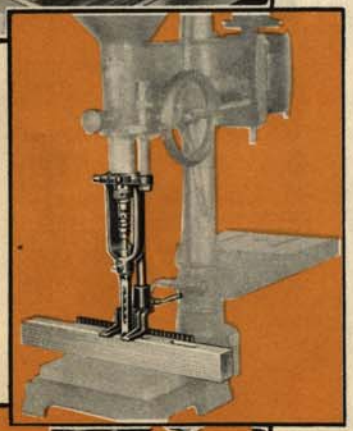
BASE: One piece construction, with ways and bearing supports carefully machined. On the DRIVER Jointer the conventional spring tensioners used to hold tables to base are eliminated in favor of positive grip nuts, avoiding misalignment to which spring tensioners are subject.

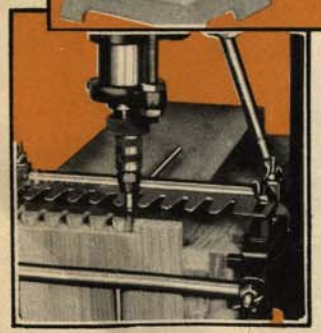
GUARD: It is never necessary to remove the DRIVER guard. In rabbeting or adjusting knives the guard is folded out of the way under the overhanging arm of front table. This is an exclusive Driver feature.

SPRING HOLD-DOWNS: In planing small strips these hold-downs are almost a necessity. They hold the work firmly against the knives and fence. One is located on the fence, the other on the table.









Pat. No. 1,651,510

Wood Carving

Beautiful, ornate wood carvings can be made on the "Series 900" Drill Press using the carving routers. Very little practice is needed.

A pattern, sawed from plywood, is tacked to the back of the piece to be carved, then a pin, 1/8" in diameter is inserted in the center of the table, projecting about 1/8" above the surface. The pattern is slipped over the pin and moved about with the cutter set to correct depth until the design is complete. Best carving speed about 7000 R.P.M.

Inlaying

The hardest part of inlaying—removing the wood to permit insertion of the design or border—is done quickly, easily and accurately with the drill press. With the router rotating, the quill is lowered until the router enters to a depth equal to the thickness of the inlay design. The quill is then locked in position and the piece moved about until the recess is completed. This method is *accurate*—the machine takes care of that. Speed 7000 R.P.M.

Mortising

Mortises, so essential in first class joinery, are easy to form with the Hollow Chisel Mortiser. As the bit bores a round hole, the hollow chisel cuts out the corners leaving a perfectly square hole.

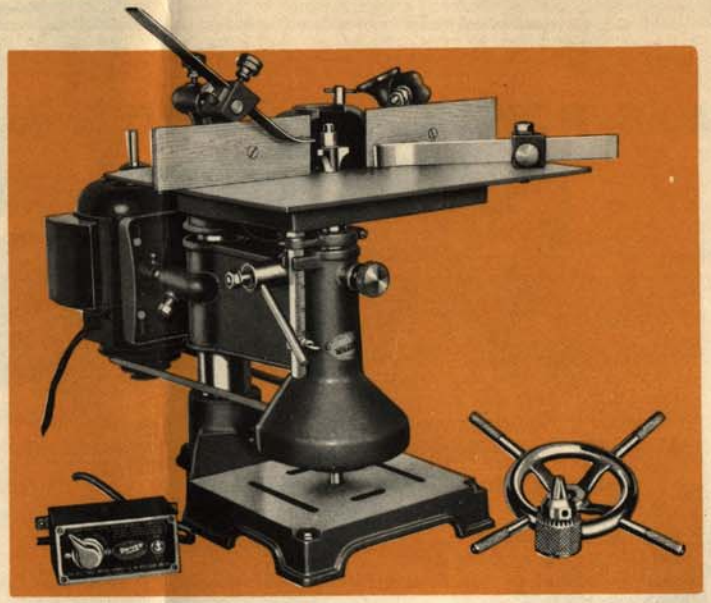
For mortising very wide pieces such as doors, the head may be swung around to one side with the mortiser extending over the end of the bench. Chisels and bits of highest quality are available in three sizes 1/4", 3/8" and 1/2". Best mortising can be accomplished at a speed of about 600 R. P. M.

9D4	Mortising Attachment Complete	$2.25
HC21	Mortising Hold-down and Guide	1.50

Dovetailing

The unique attachment at the left will easily enable you to make dovetail joints. No special skill is necessary to form perfect joints as the corners of the pieces to be joined are attached together temporarily (at right angles) while both the male and female members are cut at the same time. Speed 7000 to 8000 R.P.M.

DV10	Dovetail Jig Complete for R6 cutter only	$4.00



With Head Inverted, An Excellent Shaper

By inverting the head stock assembly on the column and placing the movable table over the head stock as shown above, the drill press becomes an ideal vertical spindle shaper. With its extreme rigidity, high speed ball bearings and vertically adjustable key spindle all elements of the perfect shaper are there. A highly efficient machine capable of doing the finest type of production work is the result.

Cutters are held on a special threaded arbor which fits on the tapered spindle. This arbor is slotted for a key washer which, placed between the cutter and lock nut, permits operation in both directions without loosening the cutter—a very valuable feature in shaping. The 1/2 H. P. Motor with reversing switch is recommended for this set-up.

Guide and Table for Shaping

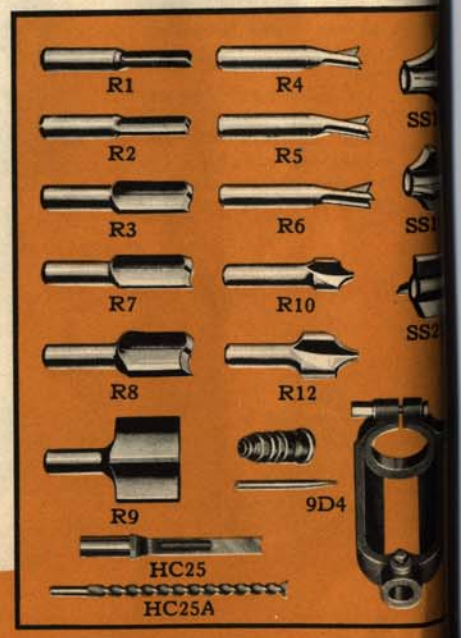
While the regular drill press table can be used with good results in shaping, the larger table (No. 9D3) is an added convenience of real merit. The shaping guide and guard with micrometer adjustment is an essential to accurate work. The spring hold-downs—one of which is attached to the guide assembly and bears down, and the other which attaches to the table and presses sideways—greatly facilitate the shaping of mouldings and other small strips.

Hold-Down and Guide for Mortising

When the hollow chisel is raised after completing a cut it has a tendency to raise the work also. The hold-down holds the work securely in place on the table and prevents this uplift.

Accessories

TD117	Set of 8 Twist Drills in selector	$1.25
7D11	Special Collet Chuck	.75
5S7	Shaping guard and guide	2.00
5S8	Set of Spring Hold Downs	1.00
9D3	Extension Table	2.50
9D4	Mortising Attachment complete	2.25
HC25	1/4", HC37—3/8", HC50—1/2" Hollow Chisels (each)	1.25
HC25-A	1/4", HC37-A—3/8", HC50-A —1/2", Bits (each)	1.00
HC21	Mortising hold down and guide	1.50
D	Chisel Grinding Stone	.75
DV10	Dovetail Jig complete (Incl. R6)	4.00
9D5	Threaded Adapter	.75
DP119	Nut	.05
R1 (1/8"), R2 (1/4"), R3 (3/8")	Routers (ea.)	.50
R4 (1/4"), R5 (3/8"), R6 (1/2")	Dovetail Routers (each)	.50
R7 (1/2"), R8 (5/8"), R9 (1")	Mortising Routers (each)	.75
R10 (1/2") R12 (3/4"),	Carving Bits (each)	.75
SS16, SS17, SS18, SS19	Shaping Cutters, 1 3/4" Diam. x 1/2" hole (each)	1.00
SS20	1/4" Groove cutter with 1/2" hole	1.00
SS21	1/4" Tongue cutter with 1/2" hole	1.00
SS22	Straight Face Cutter	1.00
SS25	1/4", SS26 1/2" straight face cutters with 1/2" hole, (each)	.75
SS28, SS29	Joint Bead cutters 1/2" hole (ea.)	1.00
SS50	Set of 5 depth collars with 1/2" holes	.50
DP120	Adapter for small cutters	.25
SS5	Fluting cutter	.50
SS7, SS9	Cove cutters (each)	.50
SS6, SS8, SS11	Corner Rounding Cutters (ea.)	.50
SS10	Straight Face cutter	.50
SS12	Surface Bead cutter	.50
SS14	Set of Guide washers, Depth collars	.25



DRIVER "SERIES 900" DRILL PRESS

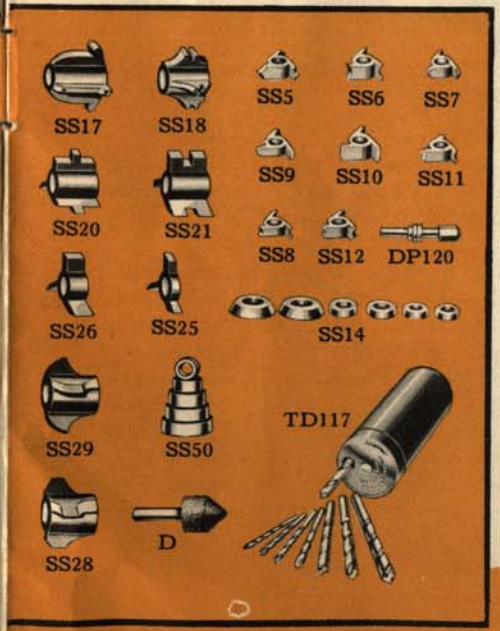
TO those who are satisfied only with the best, this new drill press will instantly appeal. Its impressive, modern appearance is evidence of the ingenious features and advanced design which make this superb tool an outstanding mechanical achievement. Work it day and night if you choose, at high speeds or low, give it every possible test for precision, crowd it or race it, as you will—the more you use it the greater will be your respect for it.

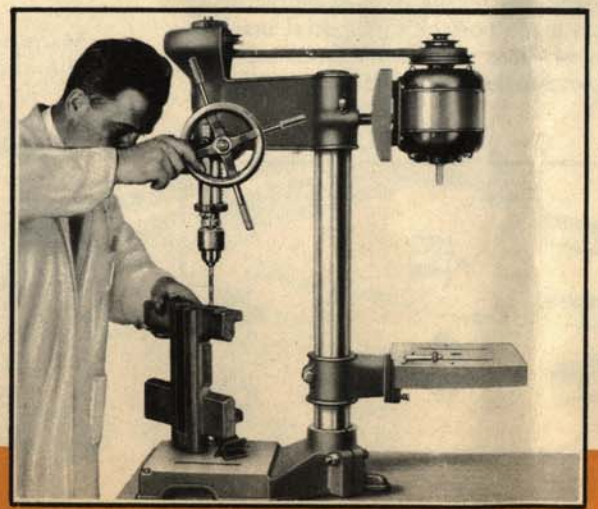
Many Craftsmen have been surprised by the superb performance of this remarkable machine, for the "Series 900" Drill Press has stability, accuracy and efficiency — to spare. The husky castings, the large S.K.F. Ball Bearings, the rigid steel quill and Jacob's Key Chuck are proof of that. Add to these its other outstanding features and you will understand why it is certain to be the unquestioned leader in its field.

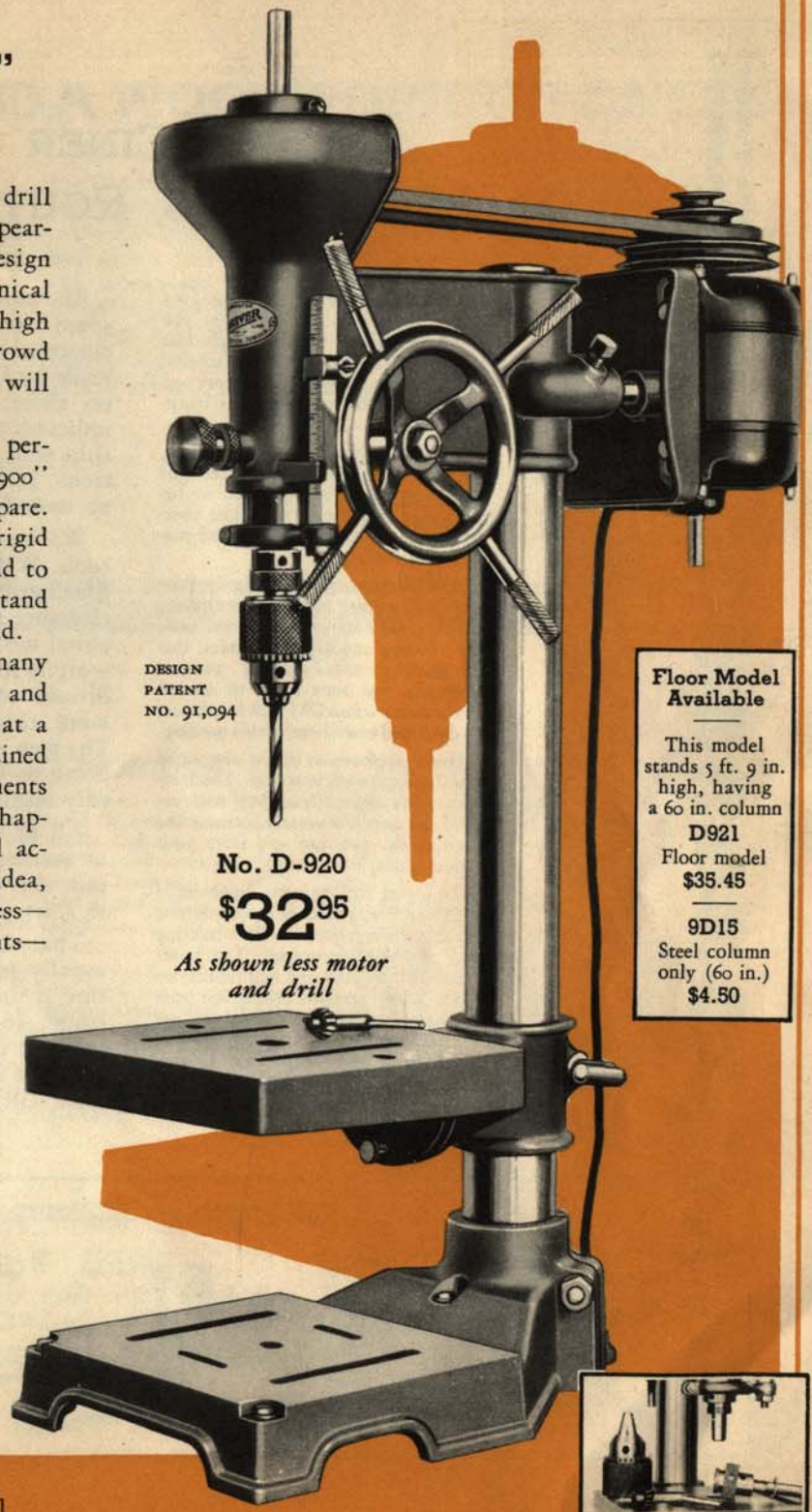
It has long been the DRIVER policy to incorporate as many different uses as possible in a machine to extend its utility and thus enable its owner to do a maximum of operations at a minimum machine investment. This policy is well maintained in the "Series 900" Drill Press. With the proper attachments it does six separate jobs—and does them well. Drilling, shaping, routing, mortising, dovetailing and carving are all accomplished with excellent results. Driver pioneered this idea, and it has been widely copied, but the new 900 Drill Press—with greater capacity, new design and new refinements—will again show the way!

Features

S. K. F. Ball Bearings.
Jacob's Key Chuck (0 to ½" drills).
Drills to center of 15" circle (7½" from center line of drill to column).
Pilot Wheel Feed.
Depth of cut (by fractions of an inch) indicated on square steel stop and depth gauge.
Head close grained gray iron, extremely rigid. Belt guard is an integral part of head—with a ball-bearing at the top. Greatest distance chuck to base-table 17".
Quill 1¹¹⁄₁₆" diameter, steel ground to size. Teeth to match feed pinion are milled.
Motor Drive, direct with easy belt adjustment. "V" Belt and pulleys.
Spindle—accurately ground and fitted, lower end tapered for chuck.
Locking device for holding quill in any position, very positive.
Improved locking device for holding head on column.
Speeds from 600 to 5000 with 1750 R.P.M. motor and from 1200 to 10,000 R.P.M. with 3500 speed motor. 3 extra speeds obtained by shifting motor on bracket.
Steel Column, 2½" in diameter.
Two Tables, upper 10"x9¼" adjustable to any angle. Lower table and base 10"x9¼".
Column may be shortened by dropping it through the base and bench.
Collet Chuck for holding mortising, carving, routing and dovetail bits. Threaded adapter for shaping.
May be operated either direction for shaping with (RX10) Motor Reversing Switch.
Recommend ⅓ H.P. motor for drilling, ½ H.P. motor for high speed operations.
Shipping weight (without motor) 115 lbs.







No. D-920

$32.95

As shown less motor and drill

Floor Model Available

This model stands 5 ft. 9 in. high, having a 60 in. column

D921
Floor model
$35.45

9D15
Steel column only (60 in.)
$4.50

THERE'S FINER QUALITY IN DRIVER CHISELS, ROUTERS AND CUTTERS

To get the utmost utility from your power tools it is essential that you have available a full line of high class accessories. These DRIVER accessories, or attachments, are developed to perform specific operations and workshop jobs.

Realizing the importance of this, we have spent a great deal of thought and effort in perfecting what we believe to be the finest and most complete line of chisels, routers and cutters obtainable.

At the left is a photo of the Hollow Chisel and Bit, used for mortising. In the panel below are shown various routing and carving cutters, also dovetailing and shaping cutters. Provision has been made to use all of them on various DRIVER Machines, as described elsewhere in this catalog.

Every application or use suggested has been proved practical. Used according to instructions they will extend the uses and greatly increase the satisfaction you can get from your power tools.

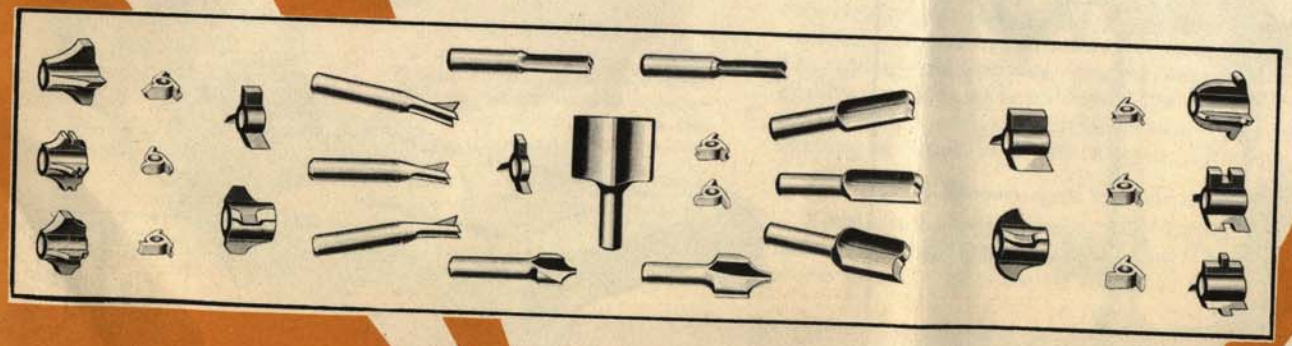
To insure uniformity of hardness in DRIVER routers, chisels and cutters great care is taken in heat-treating and tempering processes. The latest scientific methods and equipment are used. Every possible precaution from the selection of finest steel to the final operation—is taken to turn out the highest grade edge tools of this type available. In DRIVER cutters you are certain of finer quality.

The more exacting you are in the selection of high speed routers, hollow chisels, bits or shaping cutters the more insistent you will be that they are made by DRIVER. For the name DRIVER stamped on these tools is your guarantee of quality. It indicates that the materials used and the workmanship performed have passed a series of rigid inspections. It means that there has been no skimping—no undue economizing for the sake of low price.

We know what is required of these specialized tools. We maintain testing workshops to determine how hard or how soft a router should be; how much clearance a cutter should have; or how long a hollow chisel will function without resharpening. It is here—right in a workshop, under actual working conditions—that DRIVER tools are developed. Furthermore, this testing is not just a form to go through. The men who do it are craftsmen like yourself. They bring up the questions you would and are undoubtedly much more critical than you would be.

All of this for two very definite purposes. First to assure you finest quality tools. Secondly to maintain the enviable record DRIVER has established in a few short years.

That DRIVER routing and carving tools are usually priced lower than those of other manufacture is due to the wide acceptance DRIVER Tools enjoy, and to ingenious methods of manufacturing in many instances made possible by special machinery. The benefits of these modern methods are your gain. DRIVER accessories will save you money.



DRIVER HEAVY DUTY FLEXIBLE SHAFT

MODEL PR100

$59.50

(Complete as shown including 110 volt A. C. 60 cycle motor)

Many mechanics, woodworkers, and craftsmen will find the DRIVER PR100 Heavy Duty Flexible Shaft ideal because it requires only a minimum amount of floor space. Being mounted on a portable base it can be rolled from job to job, indoors or out, quickly and easily. Innumerable jobs can be performed by the addition of a few accessories—sanding, grinding, drilling in difficult places, roughing tires, cleaning and buffing welded surfaces and many other tasks can be done with equal ease. The PR100 Flexible Shaft is a solidly constructed machine built to withstand long, hard use. It is equipped with 7 Timken Roller Bearings and has features not obtainable in other machines in this price class. For detailed specifications of this machine write for our illustrated folder on the PR100 Flexible Shaft.

DRIVER QUICK-SETTING CEMENT

This cement is prepared especially for attaching sanding discs to metal face plates, sponge rubber backing or wood blocks. It sets almost instantly, enabling the operator to replace discs as often as necessary with little delay. The advantages of this feature are apparent when sanding large areas with the flexible shaft.

The slight flexibility of this cement makes it an ideal adhesive for many jobs where some flexing or "give" is essential.

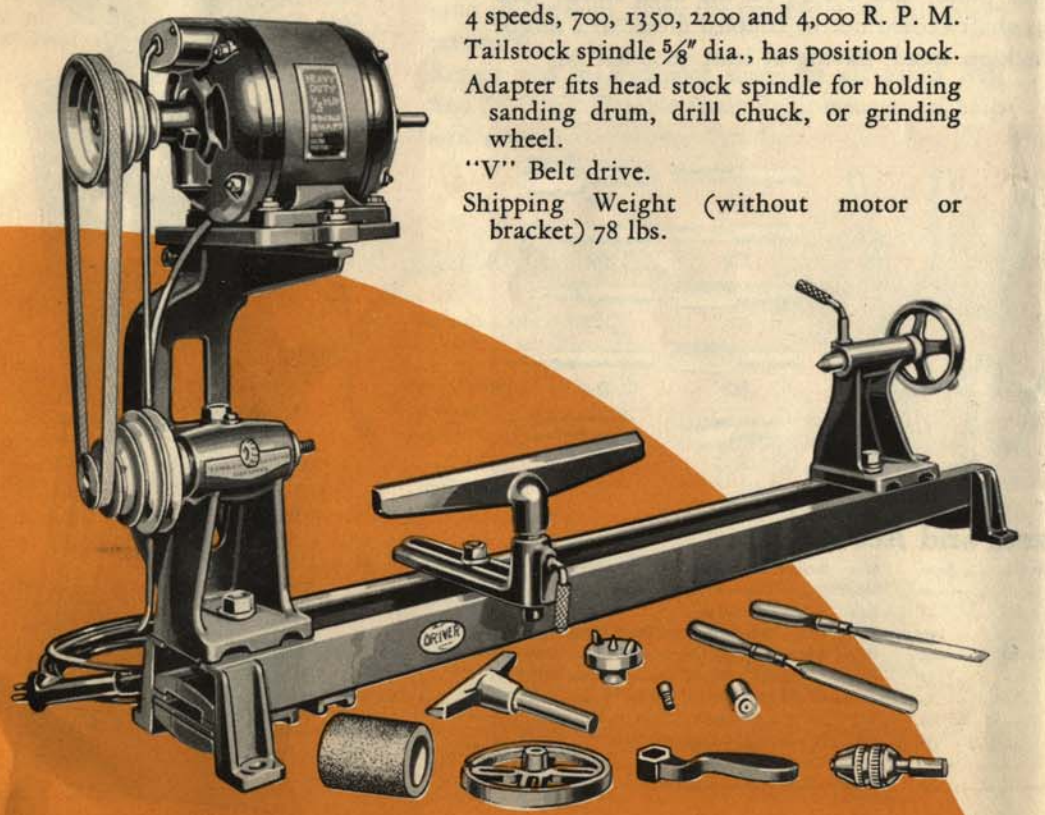
FS418—½ pt. can.....$ .39

124-B WOODWORKING LATHE

This lathe with genuine Timken Tapered Roller Bearings, overhead motor on adjustable shelf, heavy channel-iron base and many other features represents unusual value for a machine of its type.

SPECIFICATIONS

Bed 42″ long, 4½″ wide, 2½″ deep
30″ between centers, 12″ swing.
Tool rests, 12″ and 6″ long.
Distance from headstock center to bed, 6″, taking stock up to 12″ in diameter.
May be driven from above, below or behind.
4 speeds, 700, 1350, 2200 and 4,000 R. P. M.
Tailstock spindle ⅝″ dia., has position lock.
Adapter fits head stock spindle for holding sanding drum, drill chuck, or grinding wheel.
"V" Belt drive.
Shipping Weight (without motor or bracket) 78 lbs.



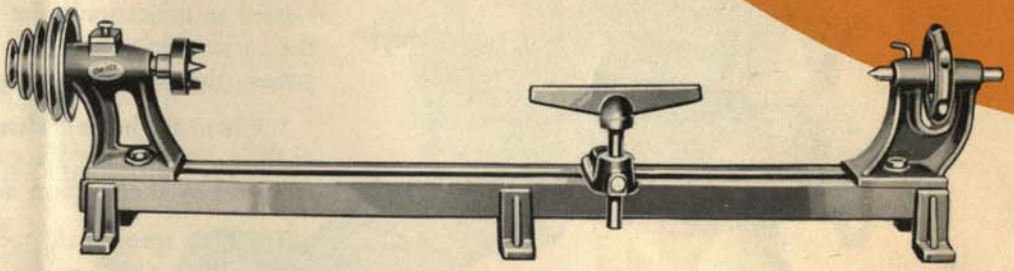
L30-A WOODWORKING LATHE

L30-A LATHE
$4.50
As Shown

The thousands of these lathes in use attest far better than words their extreme popularity. Undoubtedly more of these lathes have been made and sold than any other make regardless of price.

Bronze head bearings, rigid channel iron base, ⅝″ head spindle, ball thrust bearing in oil bath, 4-speeds, sturdy cast iron head and tail stocks are features. Bed is 30″ long and may be extended by adding another section. 24″ between centers, 6″ swing.

A full line of accessories consisting of face plates, cup center, adapter for holding sanding drum or disc, grinding, wire or cloth buffing wheels, chisels and spur center are available.



ACCESSORIES

L343	30″ Lathe bed	$1.00
TR112	Bed bracket for tool rest	.50
L370	Woodturning Dog	.75
L359-A	Cup Center for small turnings	.25
L345	Face Plate (6″ diameter)	.50
L390	Face Plate (6″ cast iron)	1.00
L346	Skew Chisel	.50
L347	Gouge Chisel	.50
L362	Parting Tool	.50
L363	1″ Gouge Chisel	.50
L375	1″ Gouge Chisel (Heavy duty)	1.00
L376	½″ Skew Chisel (Heavy duty)	1.00
L377	½″ Spear Point (Heavy duty)	1.00
L353	½″ Ball Thrust Bearing	.25
L380	Adapter for sanding drum etc.	.25
DP110	Drill Chuck (½″ capacity)	.75

MODEL 124-A LATHE
$15.50
(without motor, motor bracket and accessories)

MODEL 124-B LATHE
$25.25
(with accessories but without motor)

No. HS33

$19.95

Including ⅓ H.P. DRIVER Green Band Motor

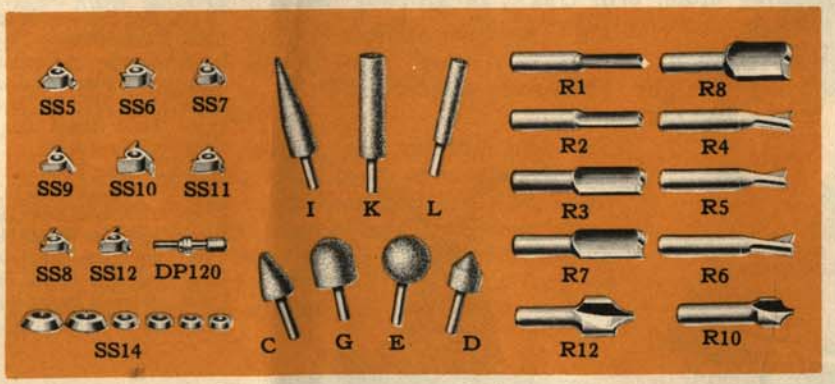
DRIVER HIGH SPEED FLEXIBLE SHAFT

THIS high speed flexible shaft is intended for wood carving, routing, die grinding and similar operations where small cutting or abrasive tools are used and where high speed is essential. It is a high speed tool in every sense of the word and operates satisfactorily at speeds ranging from 5000 to 10,000 R.P.M. This shaft should not be used at a slow speed or for heavy work. For such work use the BBF Model shown on the opposite page. The BBF Model is for comparatively slow work where the revolutions required are from 1800 to 3600.

The surprisingly low price of this high speed shaft should not be considered an indication of inferior quality. We realize that to popularize the ancient art of wood carving and provide a means of doing it with power, the equipment must be priced as low as possible.

While to the home craftsman its principal appeal is for wood carving, drilling and etching glass and ornamental metal, it is also used extensively by die, pattern and tool makers.

The high speed shaft operates from the head stock of the portable outfit. With a 6½″ motor pulley and a 1¼″ on the head stock, 7000 R.P.M. is attained. This shaft should not be coupled direct to a motor unless the motor itself is high speed, having at least 5000 R.P.M.



Power Wood Carving is Fascinating

Power wood carving is exceedingly fascinating. This craftsman is carving the feet for a sofa. Whether the design be "period" or his own depends entirely on his preference. Many intriguing novelties can be carved from wood with the high speed flexible shaft.

The small sizes of DRIVER routers and carving cutters will be easiest to handle. Small, specially designed carving burrs are used by many craftsmen.

The grinding stones are used for die-making and fine grinding on intricate metal patterns.

Parts and Accessories

CF1	Casing	$1.00	
CF2	Core	$1.00	
CF3	Hand Piece	1.00	
CF3-A	Collet for ¼″ Shanks	.25	
FS1	Base with Casters	1.00	
FS2	Table	$0.75	
FS6	Head Stock	1.00	
FS4	Support for Jack Shaft	.75	
PV125	1¾″ Pulley for Driving Shaft	.25	
PV65	6½″ Pulley for Motor	.75	
FS424	Endless V Belt 24″	.50	
SS5	Fluting Cutter	.50	
SS7 SS9	Cove Cutters, each	.50	
SS10	Straight Face Cutter	.50	
SS6, SS8, SS11	Corner Rounding Cutters, each	.50	
SS12	Surface Bead Cutter	.50	
SS14	Set of Guide Washers and Depth Collars	.25	
DP120	Adapter for Small Cutters	.25	
R1,	1/8″—R2, ¼″—R3, 3/8″ Routing Cutters, each	.50	
R4,	¼″—R5, 3/8″—R6, ½″ Dovetail Routers, each	.50	
R7,	3/8″—R8, 5/8″ Routing Cutters, each	.75	
R12,	¾″—R10, ½″ Carving Bits, each	.75	
I	Grinding Stone	1.00	
K, L, C, G, E, D	Grinding Stones, each	.75	

DRIVER STANDARD FLEXIBLE SHAFT

The "DRIVER" flexible shaft is truly an unusual value. It is high in quality and utility yet amazingly low in price.

The casing is soft steel designed to prevent grease leakage and to flex indefinitely. Brass ferrules are attached to each end, one threaded to take the hand piece, the other to screw to the head stock (FS6) or to be used on a direct drive with the ball bearing left intact.

The core is made of selected music wire wound in alternate layers. Machined steel ends are securely swaged. Built and tested for tremendous overload, insuring exceptional service.

Ball bearings, two rows in each end reduce friction, eliminate overheating and resultant wear to a minimum. They also increase substantially the amount of power delivered to the tool.

Hand piece has short spindle running on two rows of ball bearings. Housing of hand piece is screwed to casing while spindle is attached to core.

An adapter is available which, when attached to the hand piece spindle, takes accessories having a ½" hole. To extend the utility of the DRIVER Shaft provision is made to operate it direct from a motor shaft or through a jack shaft mounted on a portable base.

NOTE: (We advise against using circular saw or dado (except very small ones) on the flexible shaft.)

THE flexible shaft has won its present important position in the home, shop and industrial plant by filling a definite need simply and economically.

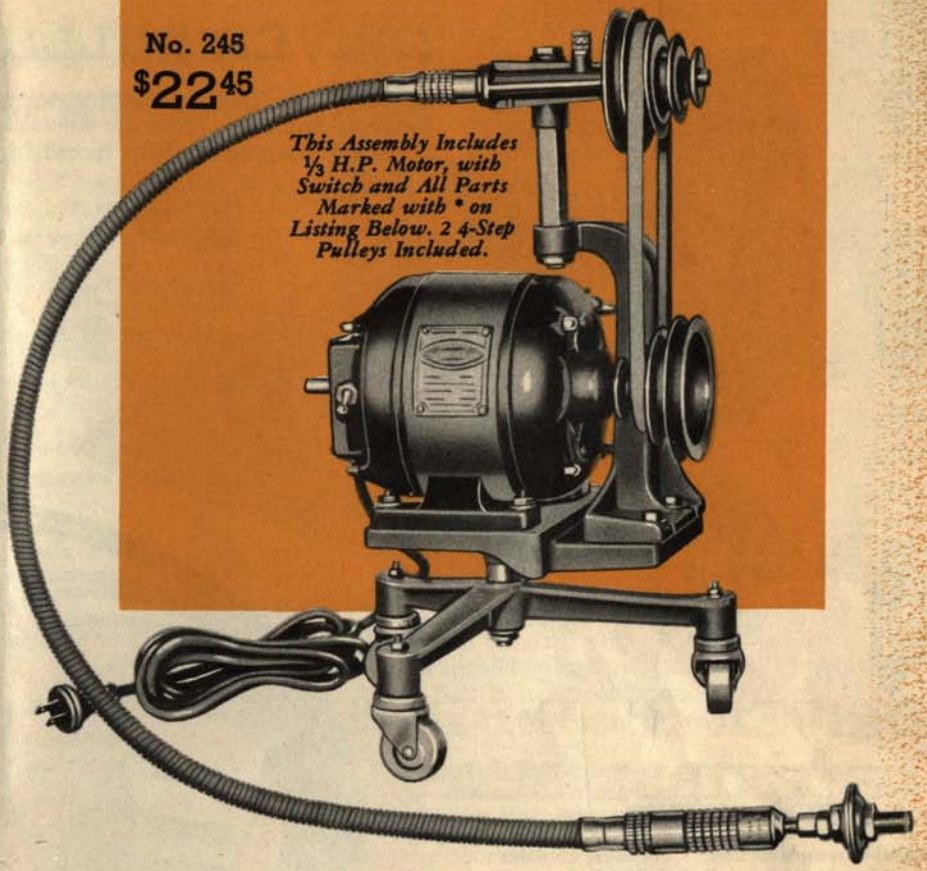
Through the flexible shaft, power is transmitted at various speeds with the continuity and properties of a solid shaft, yet it can be turned around corners and operated at all angles, permitting easy manipulation in places quite inaccessible to other tools.

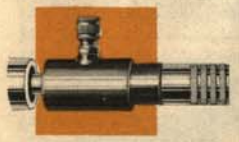
With a minimum of time and effort the flexible shaft is of invaluable assistance in performing many difficult and tedious jobs such as:—drilling, sanding, polishing, grinding, paint removing and many others. Wherever there is a hole to drill, rust or paint to be removed, a wood stain or spot to sand off the floor, there the flexible shaft will prove its worth.

Repair and maintenance shops of all kinds will find DRIVER Flexible Shaft Equipment a real help and a definite economy.

No. 245
$22.45

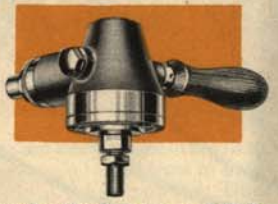
*This Assembly Includes ⅓ H.P. Motor, with Switch and All Parts Marked with * on Listing Below. 2 4-Step Pulleys Included.*





The ideal coupling for direct-to-motor drive. Provides better support and relieves core of strain. Fits any ½" shaft.
BBF7 Motor Coupling $1.00

You can use the DRIVER Flexible Shaft on any motor with ½" shaft. Length overall 49½".
5334 Shaft.....$4.50



Angle Head with 4 S.K.F. Bearings. Spiral gears reduce speed in ratio of three to two.
FS435 Angle Head.....$10.50

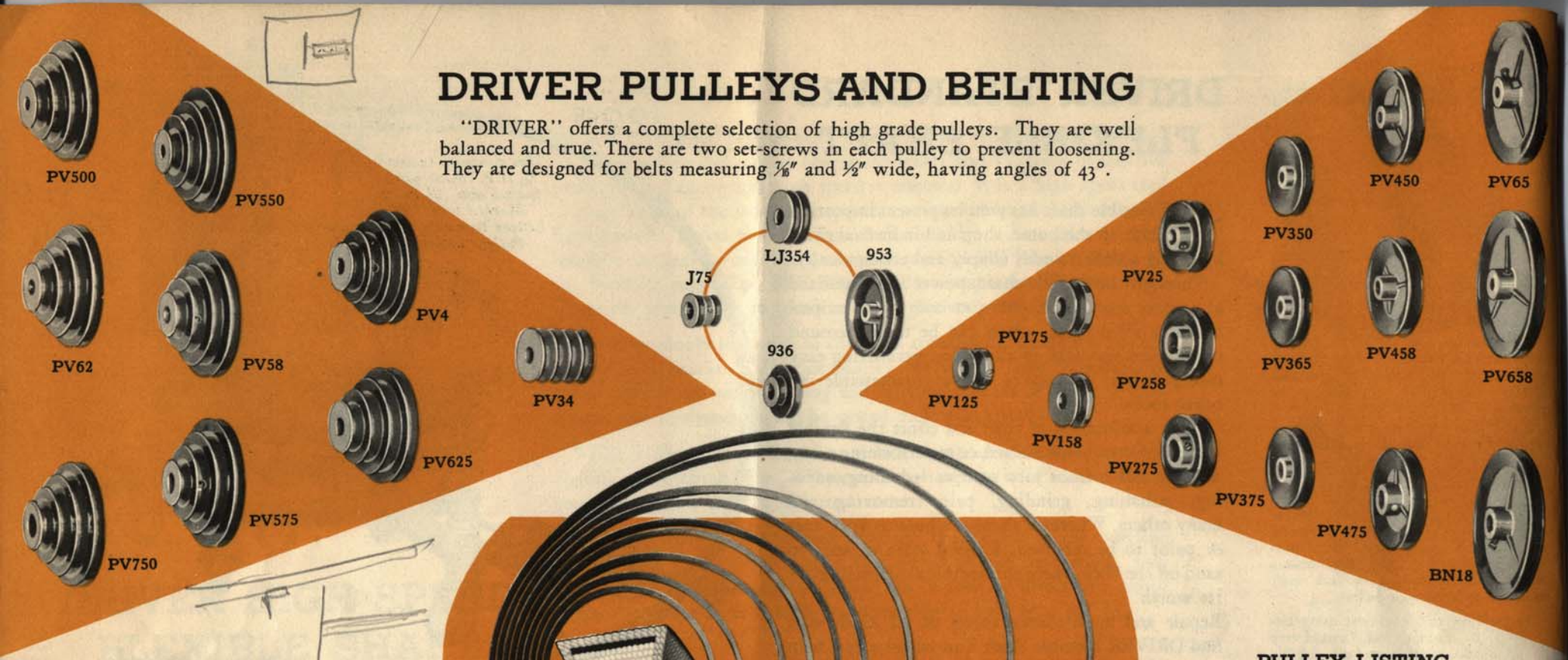
Parts and Accessories

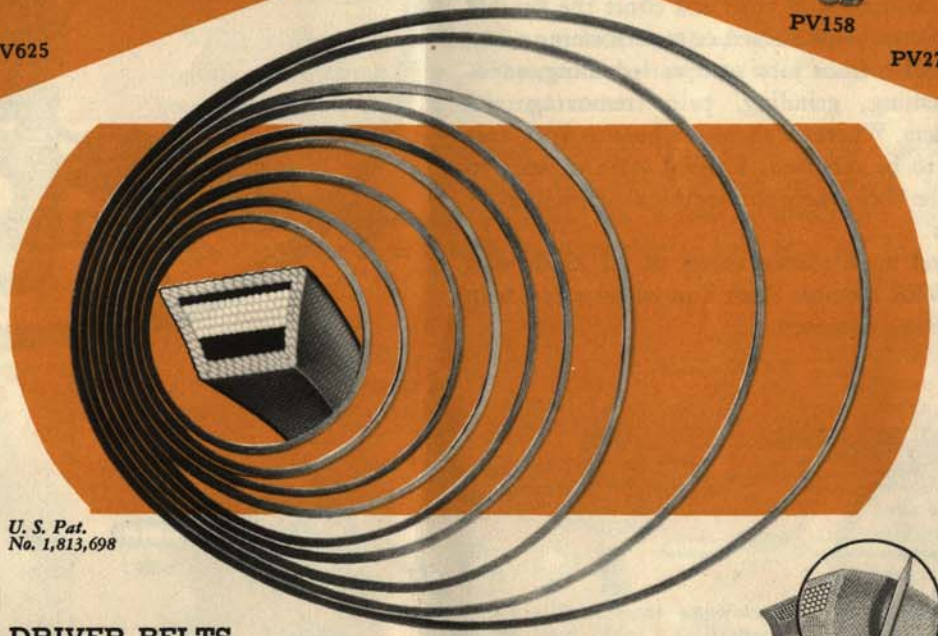
No. 245 Flexible shaft outfit includes ⅓ H.P., S.K.F. Ball Bearing Motor, with switch and all parts marked with * on listing below. 2 Casings, 2 Cores and 2 4-step pulleys included.

*FS1	Base with Casters	$1.00
*FS2	Table for Portable Outfit	.75
*FS4	Support for Jack Shaft	.75
*FS6	Head stock	1.00
*BBF1	Ball Bearing Hand Piece	1.00
BBF2	Casing (old length 31¾")	1.00
*BBF2L	Casing (new length 43¾")	1.00
BBF3	Core (old length 31⅜")	1.00
*BBF3L	Core (new length 43¾")	1.00
BBF4	Motor coupling	.25
*BBF5	Grip for Shaft	.25
BBF6	Grinding Wheel Guard	.50
BBF7	Improved Motor coupling	1.00
939	Drill Chuck ¼" capacity	.25
DP110	Drill Chuck ½" capacity	.75
*FS405	Drill Chuck Adapter	.25
FS406	Buffing Wheel Adapter	.25
FS409	Carbon Removing Brush	.75
FS411	Sanding Drum with 2 Belts	1.00
FS412	Sanding belts for drum	.10
FS413	Sanding Disc complete	.75
L355	Pkg. of Assorted Sanding discs	.30
FS418	½ pt. can Quick Setting Cement	.39
*PV4	4" Four Step V Pulley	.50
*FS424	Endless V Belt 24"	.50
FS425	Sheepskin Polishing Pad	.75
FS426	6" Cloth Buffer with ½" hole	.45
FS427	Graphite Lubricant	.25
FS429	Sheepskin Polishing Drum	.50
955	4" Wire Cup Brush	1.00
956	2¾" Wire Cup Brush	.75
952	6" Tampico Brush	.75
930	4" x ½" Grinding Wheel	.35
943	4" x 1" Grinding Wheel	.50
932	4" Coarse Wire Wheel	50
932F	4" Fine Wire Wheel	.75
FS417	Floor Waxing Brush	.75

DRIVER PULLEYS AND BELTING

"DRIVER" offers a complete selection of high grade pulleys. They are well balanced and true. There are two set-screws in each pulley to prevent loosening. They are designed for belts measuring 3/8" and 1/2" wide, having angles of 43°.





U. S. Pat. No. 1,813,698

BELT LISTING

DRIVER Patented Endless "V" Belts are available in convenient lengths for all shop installations. Endless V. Belts (medium weight) as follows:

VB20—20"	$0.50	*VB42—42"	$0.75
VB24—24"	.50	*VB48—48"	.75
*VB29—29"	.50	*VB58—58"	.75
*VB34—34"	.50	VB62—62"	1.00
*VB39—39"	.50	*VB66—66"	1.00
VB86—86"	$1.00		

NOTE: Belts indicated with * may be secured in Heavy Sections.

L356	Round Hair-on Belting (per ft.)	$0.10
L400	V Leather Belting (per ft.)	.25

The new "Hair-on" V Belting is convenient to use when special length belts are required.

DRIVER "Hair-on" Leather Belting has proved itself the finest obtainable. It costs less to use because of its long life.

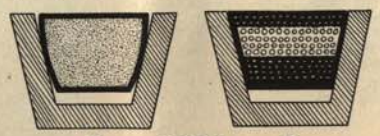
DRIVER BELTS TRANSMIT FULL POWER AND WEAR LONGER

Driver "V" Belts have several unique characteristics which insure your getting more and better service at lower cost.

The illustration in the belt group above is a cross-section view showing how these belts are made up of cords and rubber. The cords which form the back-bone of DRIVER belts are saturated with pure liquid rubber called Latex. This rubber penetrates every fibre of every cord and holds them together so there can be no separation. This is an important feature. In passing over the pulleys the belt flexes very rapidly. This rapid flexing causes many belts to separate and break. DRIVER Belts however, withstand this wear because the rubber cushion between the cords and between fibres of the cords reduces heat and internal friction to a minimum.

Other belts lose grip as they bulge at the sides.

Concave walls allow for bulge, fit grooves.



A B

Another feature is the concave sidewalls which assure full delivery of power, even distribution of wear and longer life.

PULLEY LISTING

Round Belt Pulleys 1/2" Bore

936	1 5/16" x 1 3/4" two step	$0.25
LJ354	1 3/4" Double groove	.25
J75	1" Double groove	.25
953	3" Double groove	.35

V Type Pulleys 1/2" Bore

PV125	1 1/4"	$0.25	PV175	1 3/4"	$0.25
PV25	2 1/2"	.25	PV350	3"	.35
PV450	4"	.35	PV65	6 1/2"	.75
PV34	1 3/4" Four groove				.50
PV4	4" 4-step (4" x 3 1/4" x 1 3/8" x 1 3/4")				.50
PV500	5 1/2" 4-step (5 1/4" x 4 3/8" x 3 1/16" x 2 1/4")				1.00
PV550	5" 4-step (5" x 3 7/8" x 2 11/16" x 1 3/4")				.75

V Type Pulleys 5/8" Bore

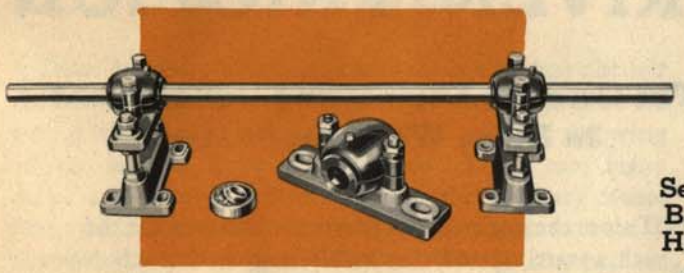
PV158	1 3/4"	$0.25	PV258	2 1/2"	$0.25
PV365	3"	.35	PV458	4"	.35
PV625	4" 4-step (4" x 3 1/4" x 2 1/8" x 1 3/4")				.50
PV58	5" 4-step (5" x 3 7/8" x 2 11/16" x 1 3/4")				.75
PV62	5 1/2" 4-step (5 1/4" x 4 3/8" x 3 1/16" x 2 1/4")				1.00
PV658	6 1/2"				.75

V Type Pulleys 3/4" Bore

PV275	2 1/2"	$0.25	PV475	4"	.35
PV375	3"	.35	BN18	6 1/2"	.75
PV575	5" 4-step (5" x 3 7/8" x 2 11/16" x 1 3/4")				.75
PV750	5 1/2" 4-step (5 1/4" x 4 3/8" x 3 1/16" x 2 1/4")				1.00

(Hollow-head set screws and wrenches in 1/4" and 5/16" Diam. listed on next page.)

DRIVER SHAFTING, HANGERS AND TRANSMISSION EQUIPMENT

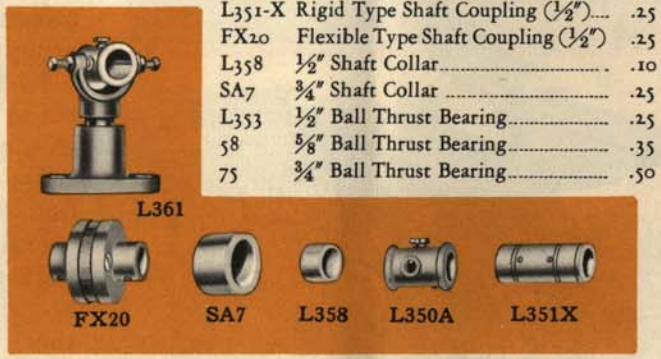


Driver Hangers with S.K.F. Self-aligning Ball Bearings are the finest available. They are far superior to babbit, sleeve or plain bearings. Binding due to faulty alignment is entirely eliminated by the self-aligning feature which permits bearings to function equally well in line or out of line. All kinds of power tools and light machinery are driven by this DRIVER Shaft equipment at an absolute minimum of friction loss. The same hangers with bronze self-aligning bearings instead of ball bearings are available. Never before has transmission equipment of such outstanding quality been offered at such a small investment. Now every shop can have the best.

S.K.F. Self-aligning Ball Bearing Hanger $3.75

Self-aligning Bronze Bearings $2.65

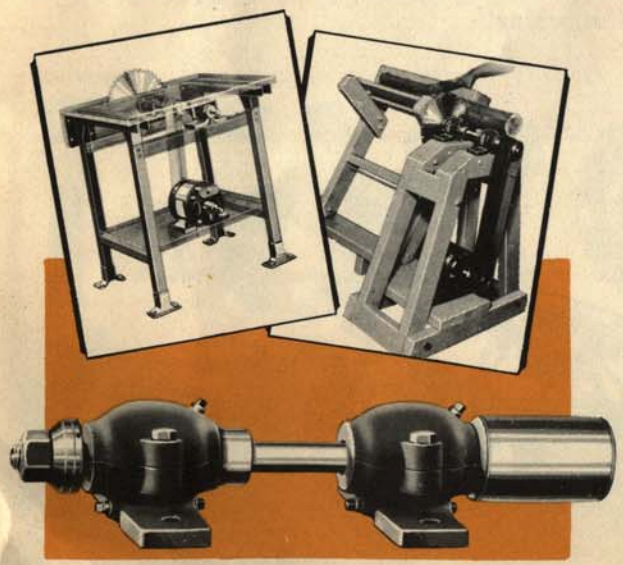
L350A	Bronze Bushed Bearing (½")	$ .25
L361	Bronze Bushed Shaft Hanger (½")	1.00
OB24	¾" Bronze Bushed self-aligning Pillow Block	1.85
OB25	¾" Bronze Bushed Self-aligning Hanger	2.65
OB87	⅞" Bronze Bushed Self-aligning Pillow Block	2.50
SA78	⅞" Self-aligning S.K.F. Ball Bearing Pillow Block	4.00
SA23	¾" Self-aligning S.K.F. Ball Bearing Pillow Block	3.00
SA23B	¾" Self-aligning S.K.F. Ball Bearing Hanger	3.75
L351	½"x24" Steel Shaft	.25
SA1	¾"x48" Steel Shaft	1.00
OB26	Special ¾" shaft, ½" at ends	.75
L351-X	Rigid Type Shaft Coupling (½")	.25
FX20	Flexible Type Shaft Coupling (½")	.25
L358	½" Shaft Collar	.10
SA7	¾" Shaft Collar	.25
L353	½" Ball Thrust Bearing	.25
58	⅝" Ball Thrust Bearing	.35
75	¾" Ball Thrust Bearing	.50



Saw Mandrel with S.K.F. Ball Bearings

With dustproof and waterproof S.K.F. self-aligning Ball Bearings, the DRIVER Saw Mandrel makes an excellent unit for a jack-saw or sawing table, as illustrated. Overall length, 17½", shaft is ⅞" in diameter turned down at one end to take saw blades with ¾" hole. Rockwood pulley supplied.

456	Mandrel with S.K.F. Bearings	$9.50
875	Mandrel with Bronze Bearings	5.25



Ball Thrust Bearings

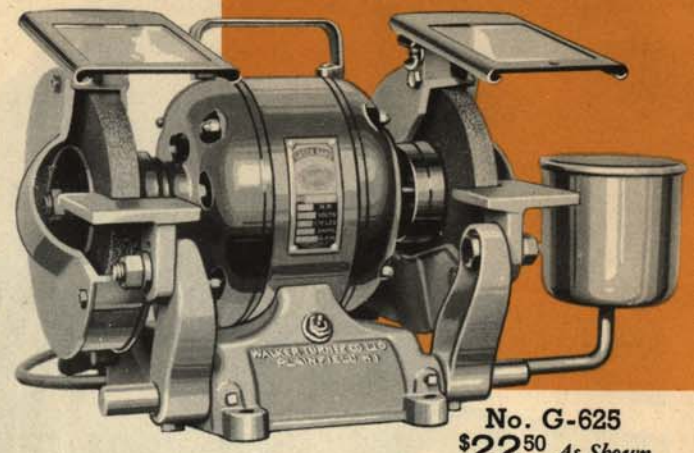
There are many places in the shop where these Ball Thrust Bearings will come in handy in absorbing end thrust of shafts or spindles. Three sizes obtainable.

L353	½" Ball Thrust Bearing	$ .25
58	⅝" Ball Thrust Bearing	.35
75	¾" Ball Thrust Bearing	.50

Hollow-Head Set Screws

These set screws of chrome molybdenum steel, milled from the bar may be used, in the two sizes supplied, on all DRIVER pulleys. The wrench exerts tremendous pressure on the screw effectively preventing pulleys from loosening.

¼" Hollow Set Screws	$ .05
5/16" Hollow Set Screws	.05
Wrench for ¼" Set Screws	.05
Wrench for 5/16" Set Screws	.05



No. G-625
$22.50 *As Shown*

DRIVER MOTOR GRINDERS

No. G-750
(Same but with ½ H.P. motor)
$27.25

THESE DRIVER Grinders have motors carefully selected for their work with special protection to keep abrasive dust from getting at the bearings. S.K.F. Ball Bearing equipped. No. G625 has a ¼ H.P. 3600 R.P.M. Motor, wheels 6" x ¾", fine and coarse.

Non-shatterable glass eye shields, cooling cup and switch in base are representative of the high quality features of these motor grinders. Both are supplied in 60 cycles., A.C. 110-120 Volts. Not available for 25 cycles or direct current. Price slightly higher for other than 110 Volt.

By removing the guard and tool rest from the right end and installing a sanding disc and adjustable table, an excellent disc sander is obtained.

GD85	8½" Reversible Sanding Disc with 2 abrasive discs attached	$1.75
GT12	Table and bracket for sanding	2.00
SD40	8½" 40-grit abrasive disc (per doz.)	1.25
SD80-A	8½" 80-grit abrasive disc (per doz.)	1.25

Driver Jack Shaft

A handy set-up for increasing or reducing speeds. Especially useful for increasing the drill press speed for shaping, routing, etc. Bolt holes are placed identically with those of the DRIVER motor.

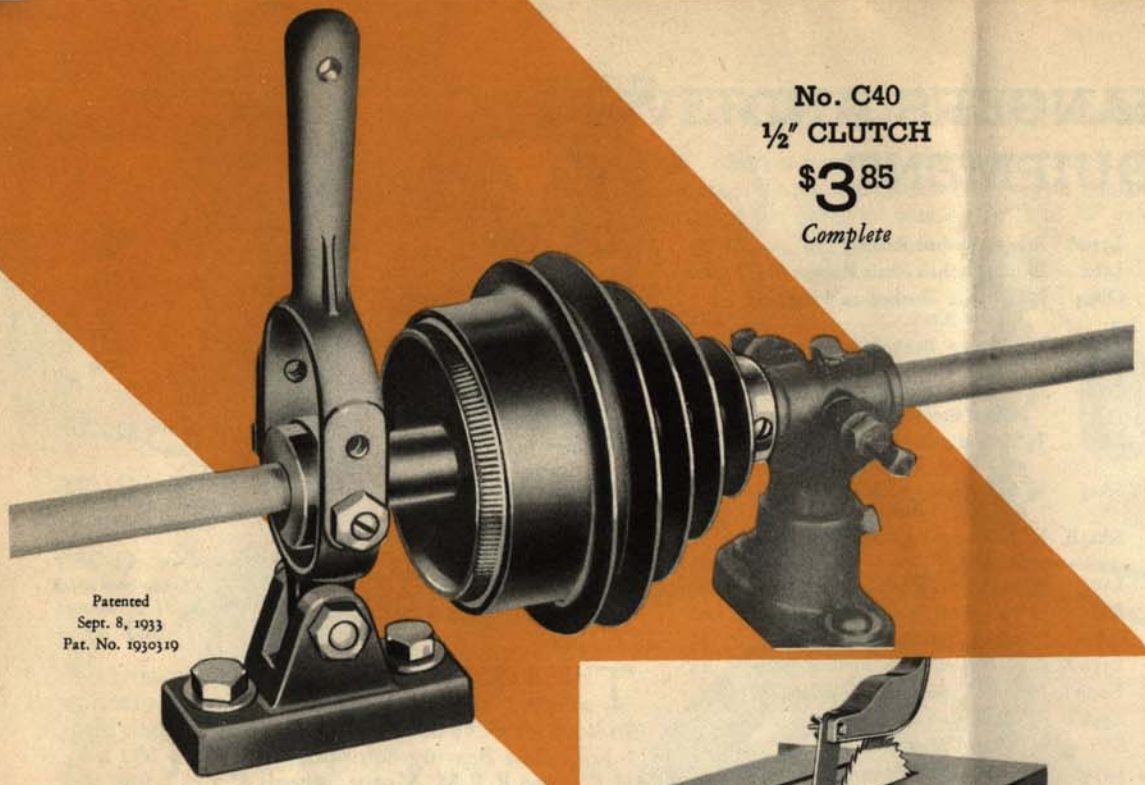
516 Jack Shaft Complete (½" shaft) $2.50

Motor Work Arbor

A handy attachment for holding sanding drum or disc, grinding, cloth buffing or wire scratch wheels and drill chuck. Attaches directly to motor shaft or end of countershaft. Fits all ½" Shafts.

2 Work Arbor (with 3 jaw, ½" cap. chuck) $1.00

No. C40
½" CLUTCH
$3.85
Complete

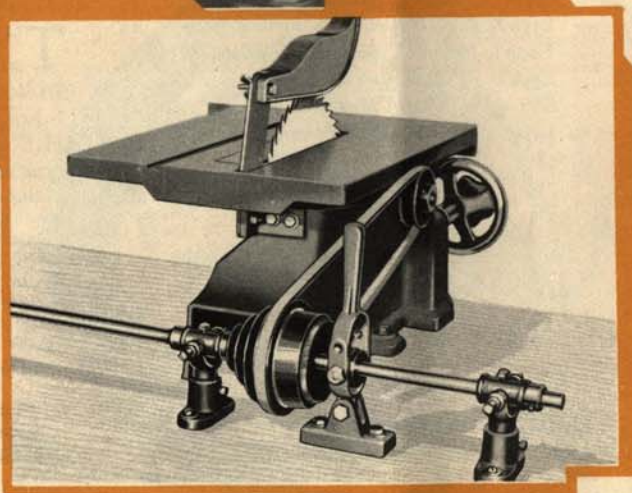


Patented
Sept. 8, 1933
Pat. No. 1930319

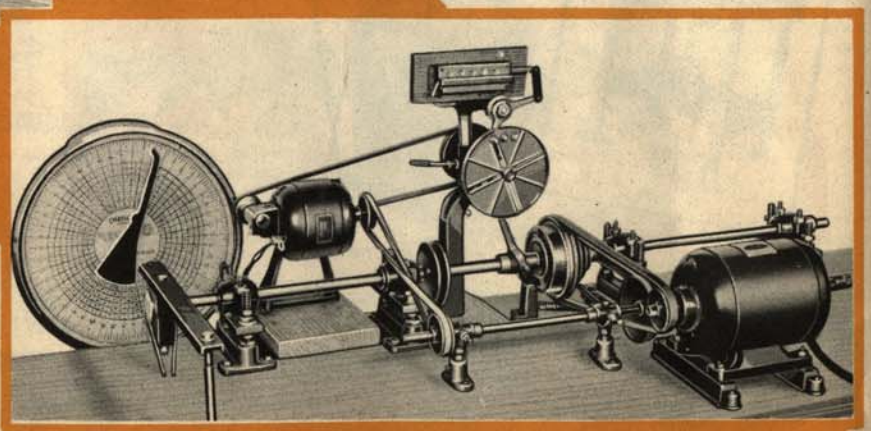
Above is the 4 inch clutch mounted on a ½" shaft. The outside shell which includes the cone pulley has grooves of the following diameters, 4", 3¼", 2½" and 1¾", the bore is ½".

This clutch is suitable for all the DRIVER TOOLS in the 500 and 700 series, also on all previous models of DRIVER manufacture. Most machines of other manufacture can also be driven by this clutch. For the Series 900 line and other tools of similar capacity which require a countershaft larger than ½" we recommend the C55 shown on opposite page. The C55 is larger throughout, the outside diameter being 5½" and the bore ¾".

The illustration just above to the right shows the Series 700 Bench Saw with clutch control. The ability to stop the machine, by a simple movement of the clutch handle, without stopping the countershaft is as helpful in the operation of every other power tool as it is in the bench saw.



Leaving nothing to chance, elaborate equipment was developed to test the DRIVER clutch. This is shown at the right. Here these clutches were put through their paces. In one test a DRIVER clutch was engaged and disengaged under a ½ H.P. load a thousand consecutive times. It did not overheat, slip or grab at any time during the test. On being dismantled there was absolutely no evidence of wear. On dynamometer tests this clutch carried a 3 H.P. load.



DRIVER FRICTION

The Greatest Engineering Development In Home Workshop History

NOT since the beginning of power tool history has there been such a startling and worthwhile engineering achievement! The DRIVER FRICTION CLUTCH, the result of over three years intensive study, will contribute as much to the convenience of the tool owner as the self-starter has to the automobile operator.

It remained for DRIVER, the pioneer and leader of the home workshop field, to perfect a device of this type which will enable owners of tools of all makes to derive greater satisfaction, greater utility and greater convenience from their workshops.

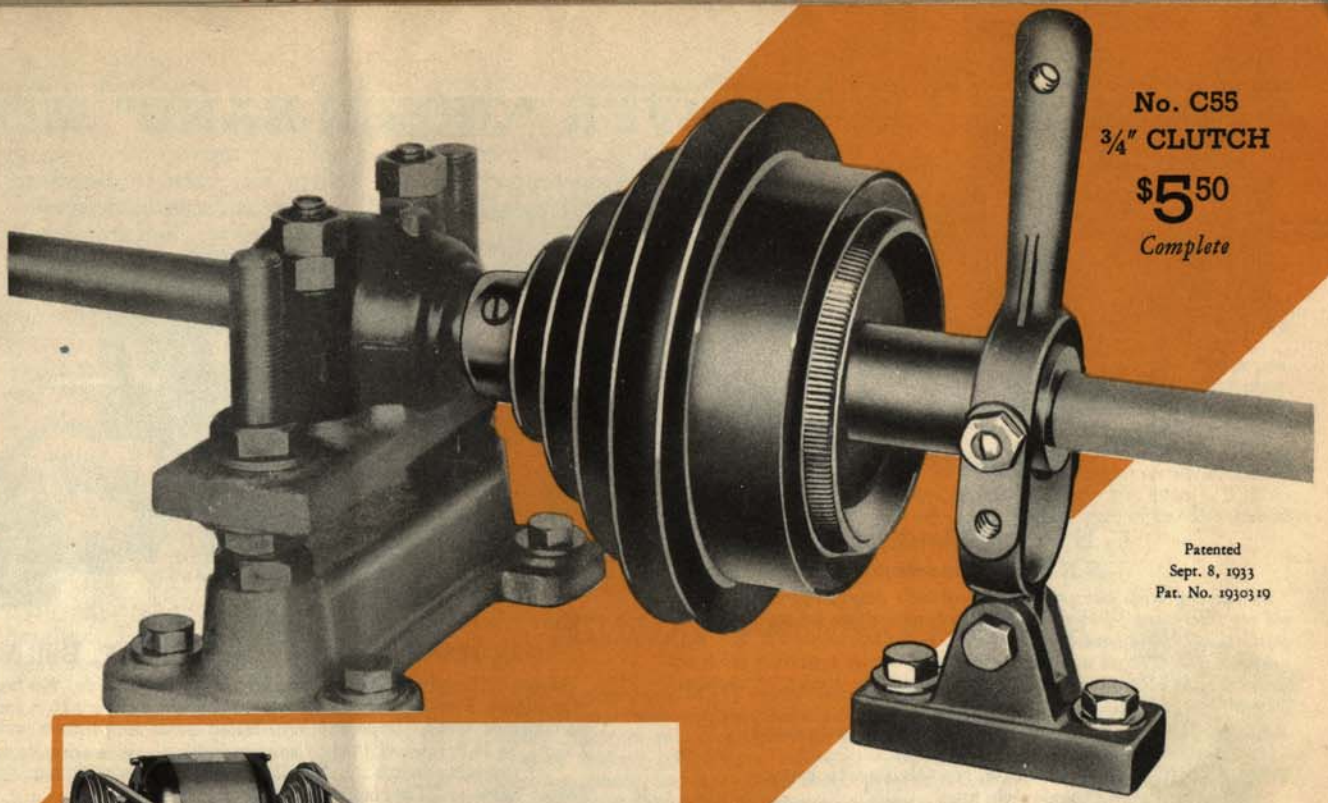
To build a clutch of large dimensions is comparatively easy, but to develop a small one with a maximum outside diameter of 4" is quite another thing. Furthermore, it had to be so simple and so easy to attach that anyone—even an amateur, situated far from a DRIVER store or a machine shop could install it in a few minutes without special tools and without the need of machine work to slot or key the shaft. These DRIVER clutches require only the hollow set screw wrench which is supplied with each clutch, for attaching.

CLUTCHES

There is hardly a user of power tools who has not felt the need of a clutch—some type of mechanism that would permit him to start and stop a machine without throwing off the belt or stopping the motor. Then, too, many shops are located in homes where the ordinary house fuses burn out when the motor is required to start a machine as well as itself. With a DRIVER clutch these difficulties are overcome, the motor is started up without a load and after it has come up to speed the load is applied by simply engaging the clutch.

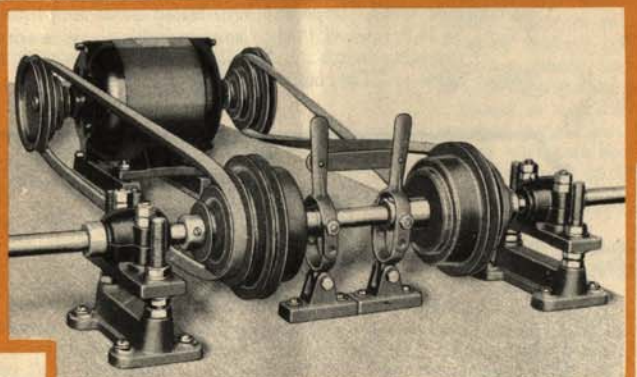
The DRIVER clutch is the result of three years' research work and testing. During this period we built and tried out practically every known type of clutch. Time after time clutches of conventional design failed under test. These clutches are the first ones to meet every requirement—and are exclusive DRIVER developments.

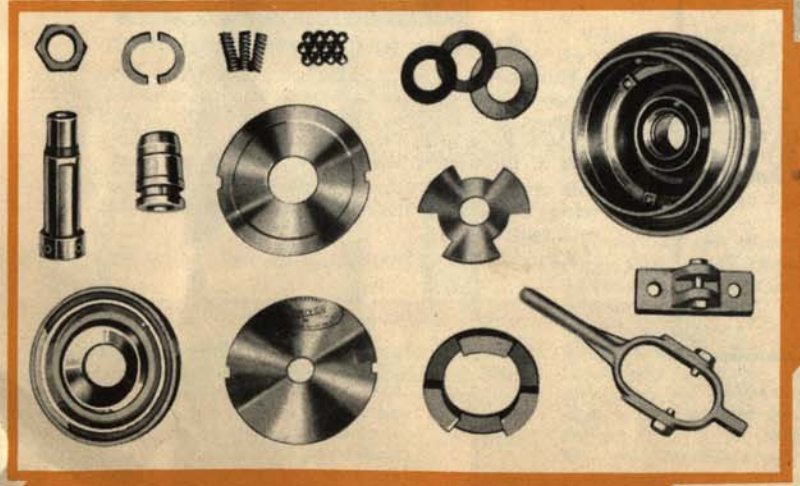
On dynamometer tests this clutch carried a 5 H.P. load at 1750 R.P.M. Its efficiency makes the DRIVER clutch a worth-while asset not only to power tool owners but to industry in general. Factories will find it ideally adapted to driving many types of light machinery.



No. C55
¾" CLUTCH
$5.50
Complete

Patented
Sept. 8, 1933
Pat. No. 1930319





The DRIVER clutch is simple, positive and "foolproof." It contains fewer parts than other types, has no frail screws or other small parts to break or get out of alignment. The friction cone is moulded from finest brake lining stock such as is used in automobiles. The other friction element is cast iron, making the best combination obtainable. Bearings in the clutch pulley are self-lubricating bronze. Oil sufficient for long periods of continuous operation is stored in a felt filled cavity. Just the necessary amount is fed to the bearings thus preventing the possibility of flooding and causing slippage. While disengaged the clutch idles on the ground and polished steel spindle. Engaged it revolves as a unit integral with the countershaft.

The photo above shows how two clutches can operate in opposite directions. With the levers locked together one clutch disengages while the other engages.

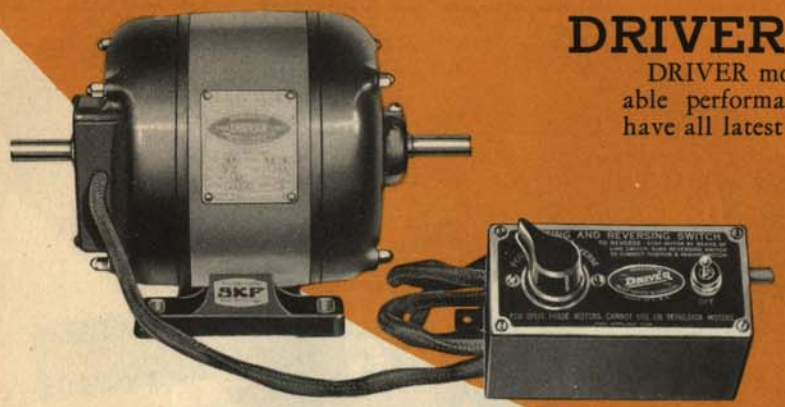
The ¾" clutch is designed for the heavier power tools such as the DRIVER 900 Series. Pulley has grooves of the following diameters: 5½", 4⅜", 3⅝" and 2¼". It fits a ¾" shaft and may be used satisfactorily with tools of other manufacture.

The saving in electricity alone (to say nothing of the wear and tear on belts and machines) will pay for a clutch in a very short time. Every shop man will find the convenience of a clutch on each machine well worth the initial investment.

The DRIVER Clutch is a self-contained unit. It is tested before leaving the factory and is ready to be attached to the shaft when received. *It does not need to be opened.* Any adjustment that may be necessary after extended use is made by turning the knurled cover plate. Control is by means of a lever, only slight pressure being necessary. Action is always smooth, without gripping or chattering. Any possible wear after continued use is taken up by the cone shaped friction which seats deeper as it wears. All parts are sturdy, assuring positive action over a long period of time. S.K.F. Bearings carry the thrust.

DRIVER "GREEN-BAND" MOTORS

DRIVER motors have won an enviable reputation for steady, dependable performance. They will deliver full rated horsepower or more, have all latest features, and will operate at correct efficiency.



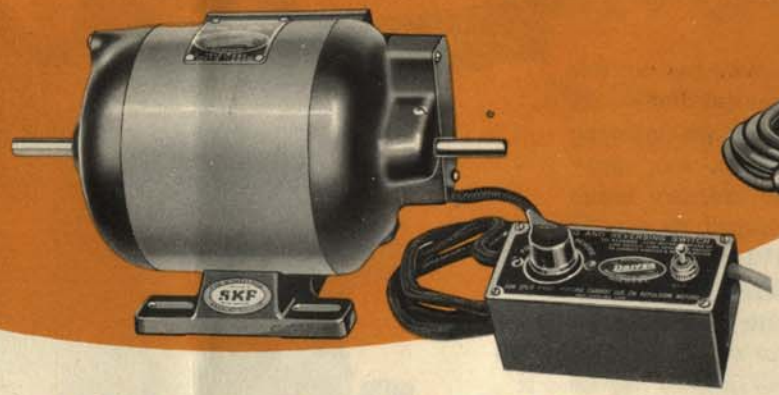
⅓ H.P. Double-Shaft
(S.K.F. Ball Bearings)

In keeping with our policy of constantly improving our motors, we are offering a ⅓ H. P. motor with a separate reversing switch permitting remote control.

Includes 10 ft. cord and soft rubber plug. Quiet operation with no radio interference. Rotation easily reversed by means of separate control unit. ½" shafts.

XA44 ⅓ H.P. A.C. 1750 R.P.M. 110 volt, 60 cycle motor with reversing switch $15.50

TM3 ⅓ H.P. A.C. 1750 R.P.M. 110 volt, 60 cycle motor with built-in toggle switch $11.95

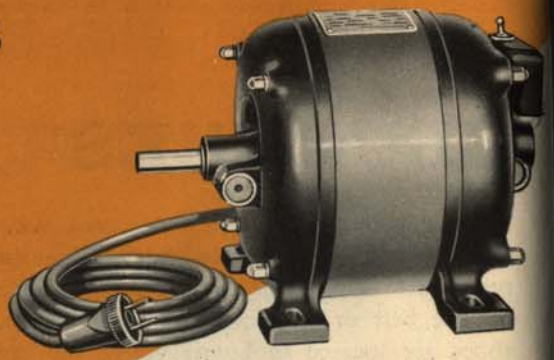


½ H.P. Capacitor Type—S.K.F. Ball Bearings

Motor designed with curved capacitor mounted on side. No brushes to cause radio interference. Two features are its overload capacity (over 1 H.P. for short periods) and its constant speed. Improved ventilation holds temperature under 40° C. full load.

ZT47 ½ H.P. 3500 R.P.M. Capacitor type, 60 cycle 110 volt motor, with reversing switch $21.50

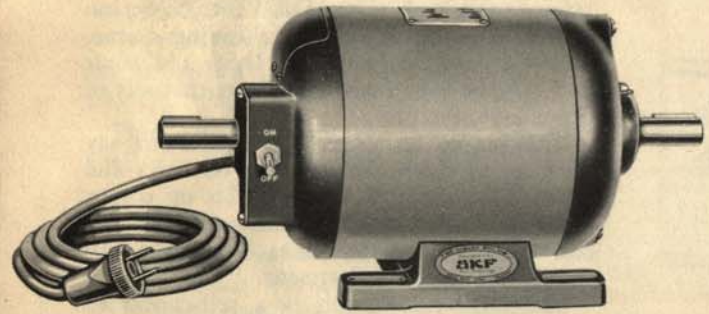
BM50 Same as ZT47, but without reversing switch $18.95



New DRIVER ¼ H.P. Motor

This new motor, equipped with 10 ft. cord, soft rubber plug and starting switch has been especially designed to operate the Series 500 Tools and for general utility on light tools. It is quiet in operation and its special construction permits operation in a vertical position providing the shaft extension is up, not down. Bearings are high grade phosphor bronze. Oil wicks at each bearing distribute oil as required. Will not cause radio interference. The reversing switch may be used with this motor.

XA43 ¼ H.P. 60 cycle, A.C. 110 volts, 1750 R.P.M. motor $7.50



¾ H.P. Repulsion-Induction Motor

This ¾ H.P. 3450 R.P.M. repulsion-induction motor has ¾" shafts with keys. Develops 1½ H.P. for short periods. Has large S.K.F. Ball Bearings. Reversed with a lever in the end cover. Starting current in accordance with N.E.M.A. recommendations. Reversing switch cannot be used with this motor.

ZR75 ¾ H.P. 110 volts, 60 cycle, A.C. Motor $25.00

Selecting the Proper Motor

Driver Motors represent outstanding value from the standpoint of efficiency, dependability and long life. They are designed especially for use with DRIVER Tools yet may be used with entire satisfaction for driving tools of other manufacture and for general purpose work. In selecting your motor it is important that you consider the type best suited to the particular application. The new ¼ H.P. motor is very satisfactory for driving the lighter tools such as the 500 Jig saw, drill press, and the 500 Lathe. The ⅓ H.P. motor is excellent for the tools in the 700 line and for the 900 drill press and lathe.

The higher speed tools such as the spindle shaper and bench saws should be driven by a 3600 R.P.M. motor such as the ZT47, ½ H.P. or ZR75, ¾ H.P. motor. Spindle shapers and routers for instance should be driven at speeds of 7500 to 8,000 R.P.M. It is difficult to obtain this speed with a 1750 R.P.M. motor as it requires belting the motor at a 4 to 1 ratio causing a heavy load which is hard to start and to maintain.

Where two or more tools are driven from a countershaft we suggest the use of the ½ or ¾ H.P. 3600 speed motor. The extra power developed more than offsets the power loss caused by hanger bearings.

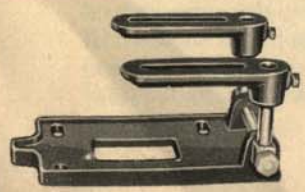
PAT. APP. FOR

Starting and Reversing Switch

This switch can easily be applied to DRIVER motors having a Serial Number over 1,300,000—also to motors Type XA frame 43 ¼ H.P.; Type XA frame 44, ⅓ H.P.; Type ZT frame 47, ½ H.P. or to any standard split phase motor having both ends of the starting and main windings brought out.

In applying this switch to other motors a competent electrician should make the connection. Instructions included with each switch.

RX10 Reversing Switch $3.50



This floating motor base affords an ideal drive when motor is mounted upside down as on lathe benches etc. Weight of motor provides proper belt tension.

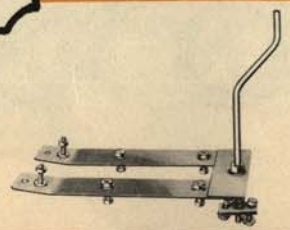
FL1 Motor Base $1.50

A motor base (floating type) for use with the motor mounted in normal position on top of bench. Belt tension easily adjusted.

9P5 Motor Base (floating type) $1.50

With this adjustable spring motor mounting belt adjustments are made by simply turning the lever.

SB1 Spring Tension Motor Base $1.00



These rails provide greater movement of motor for belt adjustments. Can be used for any motor. Four square-head bolts, for holding motor to rails included.

MB1 1 Pair Motor Rails ..... .75

DRIVER MACHINE STANDS

To get the most satisfactory results from power tools they should be mounted on substantial benches. The legs must be sturdy enough to prevent swaying and the top heavy enough to give machines their proper foundation. It does not pay to use a flimsy table for power tool installation.

These new DRIVER Benches are the finest obtainable for power tools. Their legs are heavy cast iron, adjustable to various heights. Tops are selected clear maple 1¾" thick.

Above bench is for 900 Series Lathes. Top is 57" x 11½"-x 1¾". All holes drilled, bolts furnished.

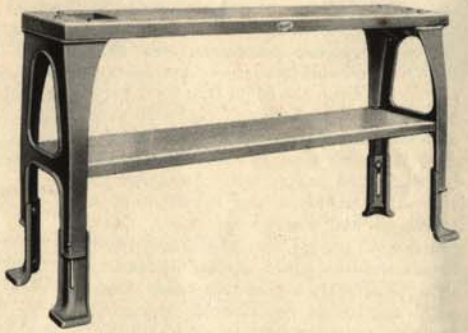
9LB15	Bench Complete for 900 Lathes	$16.00
BL1	Bench Legs only	10.00

The bench at right is for 500 Series Lathes. Top is 37" x 11½" x 1¾".

5LB10	Bench Complete for 500 Lathes	$14.00
BL1	Bench Legs only (with all bolts)	10.00

The DRIVER Machine Stand, with its 5-ply wood top and motor shelf is far superior to an all-metal stand. The wood deadens machine and motor noise and is very rigid. Each leg is adjustable individually, a very important feature on uneven floors. Height 30½", size of top 15" x 16½", weight 23 lbs. Complete with all fittings.

T1 Stand Complete $5.00



While the above bench was designed primarily for the 500 Series Lathes it makes an equally good mounting for the J724 Jig Saw and many other machines when driven by individual motors. The adjustable legs provide the correct heights for the various machines. The top is made of clear, selected hardwood finished to 1¾" in thickness. It is 37" long by 11½" wide.

Here's a set of strong steel legs that will enable you quickly to set up a sturdy work bench. Put a 2" top on it and it will be entirely satisfactory. Legs are 31¼" high, and 21" wide at the top.

No. 56 Workbench Legs (as shown) $5.00

THE HOME CRAFTSMAN

We fellows that have our own workshops are different! We need helpful hints on how to get the most from our tools and our hobby. We like to know what the other fellow is doing who actually makes up this great fraternity. And, too, we want things to make—not all too difficult projects—many of us like to make the so-called unnecessary gadgets, doodads, and other small articles.

The Home Craftsman was developed for you. Its editorial staff are your fellow craftsmen. They use the same kind of tools you own. You will find every issue crammed with interesting articles . . . with projects easy and difficult. And remember, there's a blueprint service available. Subscribe now ($1.00 for ten issues). Walker-Turner dealers handle part of its distribution for your convenience.

HANDY PROJECT BOOK

This helpful book of 128 pages and nearly a hundred illustrations is filled with valuable information on making artistic furniture and novelties, with practical working ideas on making good joints, inlaying, wood carving, finishing, gluing, and many other shop operations. Step-by-step descriptions make the procedure easy to follow.

Bound in stiff durable covers, beautiful green cloth, stamped in gold leaf. Full size blueprint of practical tool set-ups with each book. Get a copy from your tool dealer or write direct to Walker-Turner Co., Plainfield, N. J.

Woodworker's Handbook ..... $ .50

BLUEPRINT SERVICE

101F	Full size Colonial Four-Poster Bed	$ .25
101T	Twin size Colonial Four-Poster Bed	.25
102	Chest of Drawers (Hepplewhite Design)	.25
103	Colonial Mirror full size on blueprint	.25
262	Silhouettes for weathervanes, cut out designs, etc. Eight designs	.25
251	Corner Book-shelf	.25
201	Card Table, French Provincial Design	.25
501	Pier Cabinet, Modernistic Design	.25
502	Sewing Cabinet, Modernistic	.25
106	Colonial Dressing Table Vanity	$ .25
105	Colonial Night Table	.25
107	Maple Arm Chair	.25
202	Grandfather's Clock	.25
263	Group of Animal Toys	.25
264	Small Silhouettes for inlays and overlays	.25
265	Silhouettes of Stage Coach, Covered Wagon, etc., for cutouts	.25
252	Cedar-lined chest	.25
230	Four-foot Take-apart workbench	.25
104	Colonial Spinet Desk	.25

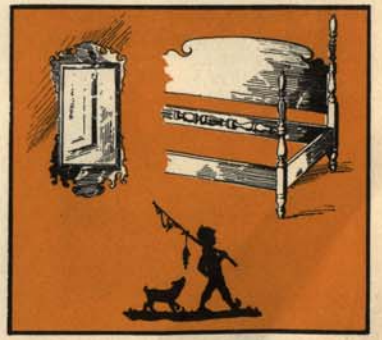
To help you get more satisfaction from your workshop, we are now offering a blueprint service. These large 20"x30" prints are drawn by expert designers yet are made extremely easy to follow. Each blueprint is authentic in design and accurate in detail.

The above are now available and others will be added regularly. A complete up-to-date list will be included with every order sent out.

Send your name and address with the numbers you wish enclosing cash or stamps to cover. Prepaid. Address

THE HOME CRAFTSMAN

Box 921 Plainfield, N. J.



A CRAFTSMAN'S GLUE MADE FOR THE WORKSHOP

Gill - - - - .30
Half Pint - - - .50

LePage's Liquid Glue can be purchased in convenient sizes at hardware, paint and department stores from coast to coast. Its unquestionable superiority as a workshop "tool," combined with its general usefulness about the home, makes it doubly valuable—for LePage's not only holds wood perfectly, but can be used with equal success in gluing paper, cloth, leather, felt and for general repair work. Keep a can of LePage's glue handy in your workshop at all times: for years it has proven to both amateur and professional craftsmen that it's an investment worth many times its slight cost as an aid to building stronger and better workshop projects.

RUSSIA CEMENT CO.

Gloucester, Mass.

WHEN you're building a shop project, it's annoying to have to interrupt your work to mix or heat glue before applying it to the job. By using LePage's, you eliminate this unnecessary delay because you have at your finger-tips the finest glue available, mixed in correct proportions and ready to use the exact moment you need it. LePage's glue is a workshop thorough-bred, recognized by skilled craftsmen, cabinet makers and furniture manufacturers as the product of generations of master glue-makers skilled in the art of making really fine glues.

Like the professional, the home workshop enthusiast will find that LePage's is a valuable assistant in making strong projects. When a home made article breaks or collapses it's because the weakest joint has given way. By using LePage's glue on every joint even if nails, screws or bolts are used, you reduce the hazard of weak joints and have the assurance of stronger and sturdier articles.

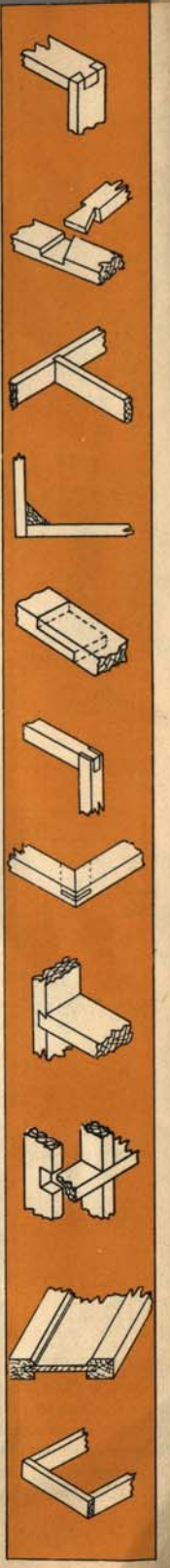
The small amount of LePage's necessary to glue the most difficult job, plus the fact that it maintains its adhesive qualities indefinitely makes LePage's extremely economical to use, and it will quickly repay its small cost many times. Get LePage's glue from your tool dealer today, and try it on the next workshop project you make.

Holds Veneer Perfectly

Veneering table tops, dressers, chests and other projects requires an unusually strong binding adhesive that will hold the veneer panels permanently so that they will not curl from the original wood nor spread from the edges that have been butted together. LePage's glue will grip and hold veneer panels more permanently than any other glue. In a recent test, two pieces of rock maple were glued side to side with LePage's, and subjected to a strain to find the giving point. At a pressure of 10,955 lbs. the wood itself broke and the glued surfaces remained intact! Certainly a glue that holds under such conditions will hold veneering perfectly under the most severe treatment.

Ideal For Inlaying

The artistic beauty and distinction added to articles inlaid with designs and borders is well worth the time and effort spent. What a disappointment it is however, to find that after a month's use the tiny bits of wood pull up and are lost and broken, or that the delicate shades of rare wood have been destroyed by the use of inferior glue. It's better to use LePage's and know your job is being done correctly than to take chances on substitutes that may ruin your painstaking work. LePage's glue holds inlay designs in position permanently and will not discolor even the most delicate shades of wood used in the finest types of inlay work.



Inlaying—that artistic touch which lends distinction and charm to furniture—is rapidly increasing in popularity. The surprising ease with which it is done, the low cost of the motifs and the marked increase in value of the inlaid article itself are important factors in this new growth.

You need not be an artisan to do inlaying. With a drill press all of the difficult and tedious work of gouging out a recess for the motif or border is avoided. Simply lower the router until it cuts to depth in the wood to be inlaid and lock the spindle in position. Then move the piece about under the router until all necessary material is removed and the recess is ready for the motif.

To extend the use of inlays still further, we have made substantial reductions in prices. There is no change in quality. DRIVER inlays are American made and far superior to the inferior foreign made inlays which are seldom, if ever satisfactory.

NEW LOW PRICES

DRIVER INLAY MOTIFS

ID-27 FRENCH FLOWER OVAL, ea., . $ .70

ID-24—URN DESIGN, Ea., 35c

ID-26 ENGLISH FLOWER OVAL, Ea., . $ .70

ID-25—Tray Center, Ea., .50

ID-23—CORNER FAN, Ea., 20c

ID-22—Oval Sunburst, Ea. .35

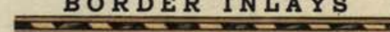
The use of these designs offers the home craftsman untold possibilities. New adaptions, new articles to make, together with new beauty and value will assure you far greater satisfaction in woodworking than you ever thought possible. For those who wish to realize profit on their work, inlaying will open the door to innumerable possibilities as it takes furniture and novelties out of the realm of the ordinary "unpainted" variety into a class of work representing many times greater value.

From the four corners of the earth come the numerous rare woods that go into "DRIVER" inlay designs and borders. The various woods used in oval designs and book-end fronts are sawed out with a jig saw, matched together and glued to a paper backing. You will notice every different color is a separate piece of wood fitted and glued to the others. In each piece the color runs clear through permitting sanding without harming the design.

ID-21—Round Sunburst, Ea., .35

These designs are also used with excellent effect as overlays. The book-ends below are examples of this work. The designs are carefully glued to a block of wood before the protective border is removed, then cut to shape with jig saw.

BORDER INLAYS



ID-61—Per Tube (12 ft.) 40

Many pieces of inlay are made with a frame or border of some veneer all around the edges. This is not part of the design but is merely put on to protect the edges of the inlay proper. With a pair of shears the inlay may be easily trimmed to its correct shape.

Book End Overlays

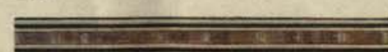
ID-2 .95

ID-4 .80

ID-3 ↓ .65

ID-1 .65

Price given for overlay designs only, not for complete book-ends.



ID-66—Per Tube (12 ft.) 50

ID-62—Per Tube (12 ft.) 95

ID-63—Per Tube (12 ft.) 1.50

(Borders about width shown)

ID-65—Per Tube (12 ft.) 85

(Sold in foot lengths only)

ID-67—Per Tube (12 ft.) 2.00

ID-64—Per Tube (12 ft.) 2.00

No. DAEF 103—A.E.F. Soldiers (25 Pieces)

DRIVER DESIGNS ON WOOD

Here's a new DRIVER Service that will interest every craftsman. Designs of soldiers, animals, doll furniture and alphabets with all lines for jig-sawing printed right on the wood panels! No drawing, tracing or bringing up to scale. Ready for you to lay on the jig saw table and start sawing out. Simply follow the lines and you can turn out toys better in appearance and quality than those sold in stores.

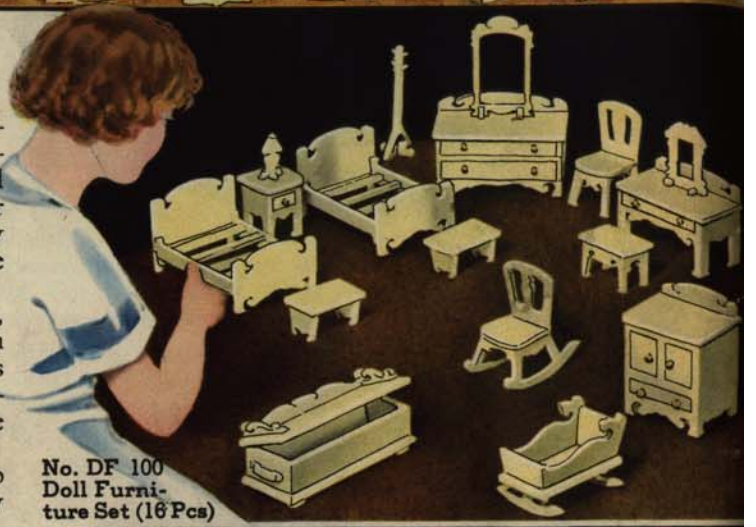
If your jig saw has been silent since the "boom" puzzle days, dust it off and start it humming again. There's plenty of fun in cutting out these "Designs on Wood." Imagine the thrills that little girl of yours will get from a 16 piece set of doll furniture, or what a platoon of fully equipped soldiers or jungle of animals will mean to the boy.

30c PER SET

If you ever wished to use your shop for profit here's your opportunity. By stacking two or three boards and placing the design board on top you can saw out three or four at a time, cutting your time to a minimum. There's always a ready market for this type of merchandise.

Get DESIGNS ON WOOD from your local tool dealer. Each set comprises six wood panels, printed.

Animals	$.30	Soldiers	$.30
Alphabet	.30	Doll Furniture	.30
Utility lumber	.30		



No. DF 100 Doll Furniture Set (16 Pcs)

No. DAM 104 Animal Set (32 Pieces)

No. DA 102 Two Complete Alphabets