

Walker-Turner
tools in:



1944
1945

BRODHEAD - GARRETT Co.

CLEVELAND, OHIO



20 INCH BENCH AND FLOOR MODEL DRILL PRESSES

Power Feed

FEATURES

CAPACITY in steel is $\frac{3}{4}$ " and 1" in cast iron. Will drill to center of a 20" circle.

STRAIGHT LINE VEE belt drive from motor pulley to drill spindle minimizes power loss, simplifies speed changes and increases belt life.

TEN SPLINE SPINDLE is journaled on two ball-bearings.

FIVE SPINDLE SPEEDS from 260 to 1740 R.P.M. with an 1140 R.P.M. motor or from 400 to 2600 with 1740 R.P.M. motor. Balanced pulleys and rugged construction throughout permit spindle speed in excess of 5000 R.P.M.

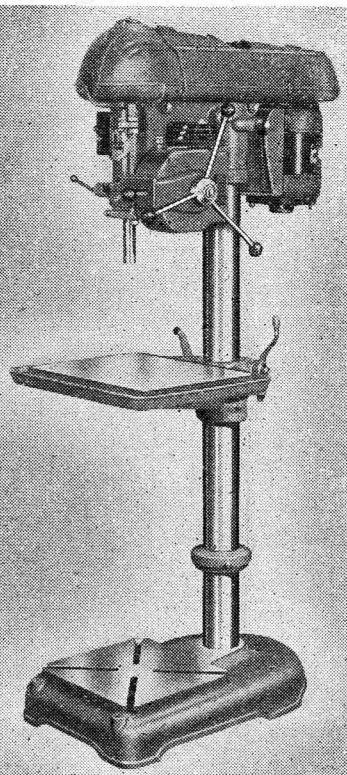
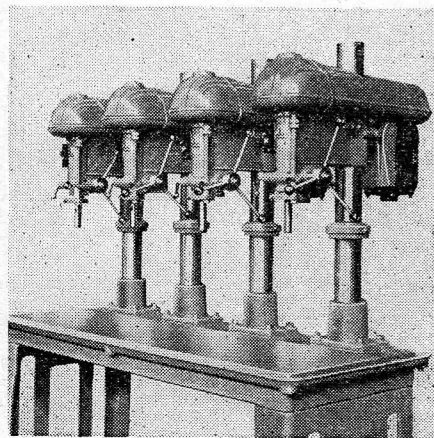
TWO BALL BEARINGS on spindle pulley, one at each end.

ONE PIECE HEAD CASTING assures accuracy and parallelism.

ONE POINT LUBRICATION from single oil hole located above spindle.

MULTIPLE SPINDLE MODELS

BELOW: 1104—4 spindle hand feed. This model is listed with power head as 1105 at right. Also available in two, three and six spindle models.



PRICES

No. 1100 Floor Model hand feed with belt guard less motor	\$195.00
No. 1101 Floor Model power feed	275.00
No. 1100B Bench Model hand feed with belt guard less motor	180.00
No. 1100BF Bench Model power feed	255.00
No. 1104 4 Spindle hand feed bench model with belt guard. Less motor	795.00
No. 1105 4 Spindle power feed	1095.00
No. 45 Cast iron legs for multiple spindle models, pr.	35.00

MOTORS

POB7— $\frac{3}{4}$ H.P., 220 volt, 3 phase, 1140 R.P.M.	\$42.50
KAB7— $\frac{3}{4}$ H.P., 110/220 volt, 1 phase, 1740 R.P.M.	36.00
PAB10—1 H.P. 220 volt, 3 phase, 1740 R.P.M.	37.50
PIB7— $\frac{3}{4}$ H.P., 220 volt, 3 phase, 865 R.P.M.	64.75

Hand Feed

SPECIFICATIONS

SPINDLE TRAVEL: 6" Distance from spindle to column 10". Maximum distance spindle nose to table—bench models 26". Floor Model 44".

CAPACITY: $\frac{3}{4}$ " in steel and up to 1" in cast iron.

COLUMN: Diameter 3.75". Heavy wall seamless steel tubing, carefully ground to size on all models.

TABLE SIZES: Bench Models

1 spindle—17" x 18"
2 spindle—17" x 35"
3 spindle—17" x 69"
4 spindle—17" x 69"
6 spindle—18" x 107"
Floor model 14" x 18"

CENTER DISTANCES: Distance between column centers is 17" on the two, three, four and six spindle models.

FEED SPEEDS: (Power feed models only.) Four rates of feed—.003", .006", .009" and .012" per revolution of spindle.

SHIPPING WEIGHTS:

Approximately:
Floor model 250 lbs.
Single spindle bench model 200 lbs.
2 spindle 1060 lbs. 4 spindle 1600 lbs.
3 spindle 1250 lbs. 6 spindle 2500 lbs.

POWER FEED

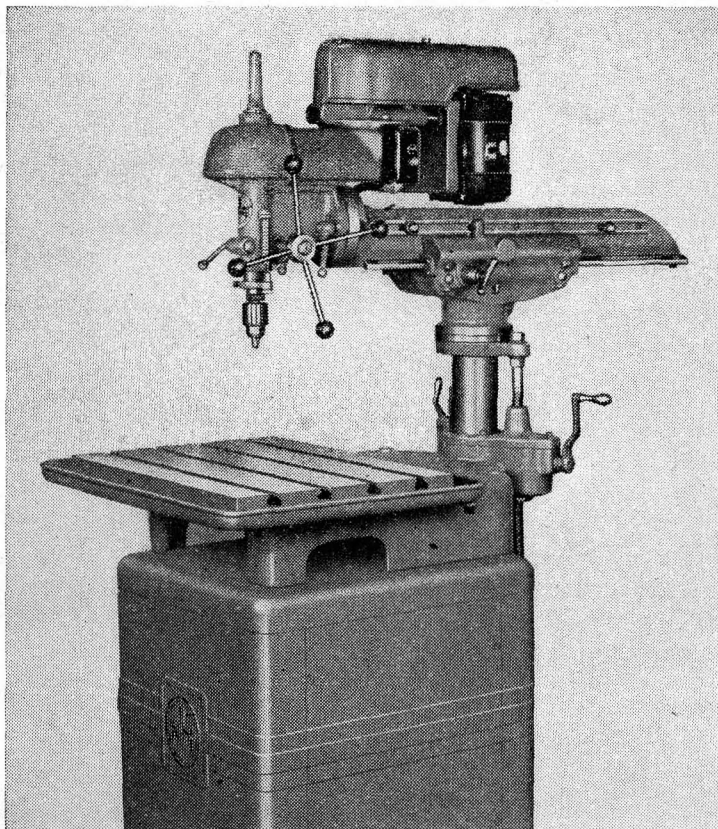
THE POWER FEED unit is operated through a multiple disc clutch and has constant mesh worm gear and worm. A power take-off pulley on the *drill press spindle* operates the unit through a four-speed counter shaft. This makes available feed rates of .003", .006", .009" and .012" per revolution of the spindle. Feeds rates are quickly changed, a tension release on the counter shaft belt simplifies making the change. The clutch can be engaged at a touch of a lever at any point of spindle travel, there are no gears to mesh. A micrometric depth gauge releases the feed at any predetermined point and allows the spindle to return to its original position.

WALKER-TURNER RADIAL DRILL PRESS

Model No. RD1175-J incorporates a built-in ball bearing jack-shaft (Illustration A) which greatly widens the speeds range. When using an 1140 R.P.M. motor speed from 110 to 5,400 R.P.M. are available — sixteen speeds in all.

In addition to the jack-shaft, the RD1175-J is also equipped with a ball thrust bearing (Illustration B) on the column support collar. This new feature makes moving the drill head to any position within its range a very simple operation. Accuracy is enhanced and operator fatigue greatly reduced.

Tilting head feature shown at (C).



The Walker-Turner Radial Drill can probably do that difficult job in your shop more efficiently than it is now being accomplished.

SPECIFICATIONS

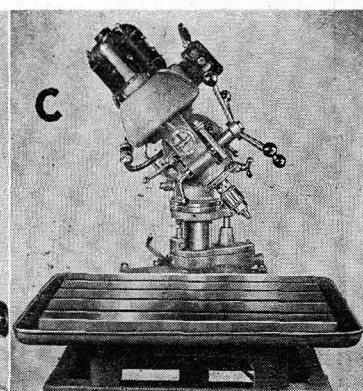
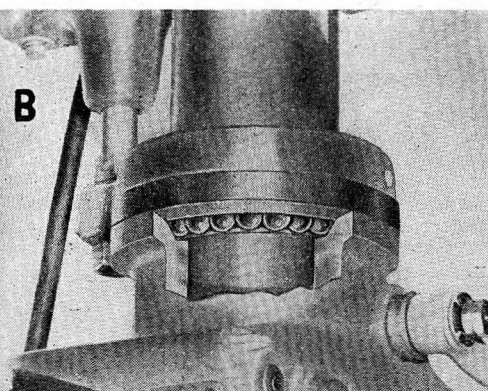
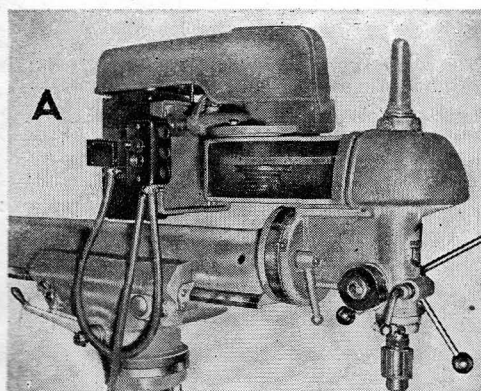
No. 1 MORSE TAPER, or JACOBS CHUCK,
0 to 1/2" capacity.
TABLE SIZE: 31" x 22".
Machined surface, 28" x 19".
OVERALL DIMENSIONS: Height: 68 1/2";
Width: 31"; Depth: 58".
SHIPPING WEIGHT: 450 lbs.
SPINDLE SPEEDS:
RD1175-J. Sixteen speeds from 160 to 8300 R.P.M. with 1740 R.P.M. motor, proportionately lower with 1140 R.P.M. motor. Available speeds with 1740 R.P.M. motor are 160, 330, 340, 580, 670, 680, 1000, 1200, 1300, 2000, 2160, 2700, 4000, 4700, 8300 R.P.M.
CHUCK TO TABLE:
Maximum distance, 13 1/2".
VERTICAL TRAVERSE OF SPINDLE: 3 1/4".
COLUMN TO DRILL CENTER: Maximum distance: 31". Minimum distance: 13".
MAXIMUM TRAVERSE OF RAM: 18".

RD1175-J—Radial Drill—Ball-bearing Column Support and Ball-bearing Jack-shaft — 16 speeds 160 to 8200 R.P.M. with 1740 Motor. As shown opposite, less stand and motor\$352.50

MOTORS FOR RD1175J

DPAB5—1/2 H.P. 1740 R.P.M. 110/220 Volts 60 Cycle Three Phase\$32.50
RD17-B—Cast-Iron Stand for RD1175-J\$48.50

Note: Additional motors are available.
Switch is included in the price of all motors.



15" BENCH and FLOOR MODEL DRILL PRESSES

Guaranteed Accuracy

Vibration Reduced to a Minimum

Perform Better And Last Longer

Made by Walker-Turner

Their consistent, smooth running accuracy and freedom from repairs have won for these drill presses an enviable record of performance. Experienced shop men find these modern, efficient machines far ahead of the field . . . in design, in accuracy, and in value.

WORTHWHILE FEATURES

Husky head construction, calibrated depth stop, positive locking device and Jacobs chuck are typical of the refinements used throughout. Other features are the column collar which permits swinging the head, conveniently located motor switch, and belt guard.

BENCH MODEL

(Illustrated left-center of page).

CAPACITY: chuck to table 12" . . . chuck to base 17½".

BASE: heavy casting with machined surface 10" x 9".

OVER-ALL MEASUREMENTS: height 39½", width 10", depth 25".

FLOOR MODEL

(Illustrated at right).

Floor model has the same head assembly as the bench model.

CAPACITY: chuck to base 46". Column is 60" in length.

BASE: heavy casting 22" in diameter, with machined working surface. Head and table may be swung to various positions around the column.

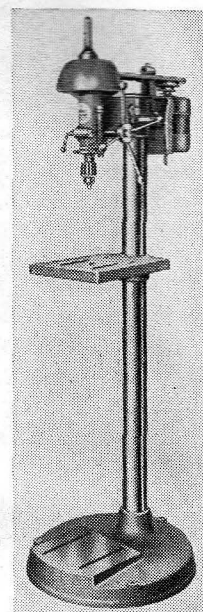
HEIGHT: Over-all 69".

FLOOR MODEL With Foot-Feed

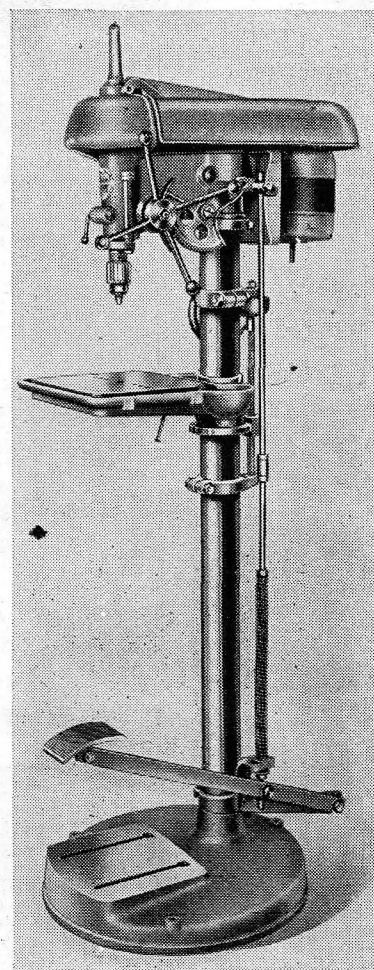
(Illustrated bottom right of page).

Single, positive action foot-feed is easily attached to all floor models and is available at slight extra cost.

935 Floor Model



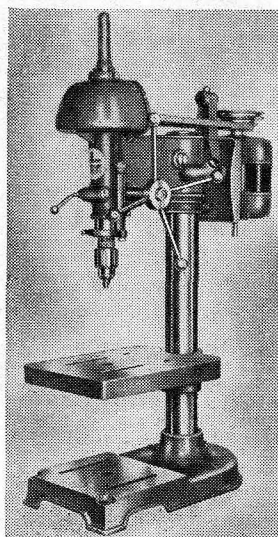
961 Floor Model with Foot-Feed



SPECIFICATIONS

(Applying to both bench and floor models)

950 Bench Model

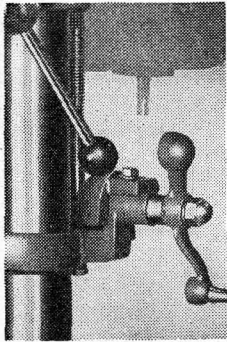


- One-piece head casting closely fitted to column.
- Balanced pulleys nickelized for long wear.
- Straddle-mounted construction of the head with ball-bearings directly above and below the pulley gives proper support to the pulley. The spindle "floats" freely through the pulley with no belt strain transmitted to the spindle.
- CAPACITY: Center of chuck to column 7½", drills to center of 15" circle.
- CHUCK: Jacobs key type, 0-½" capacity.
- TABLE: New one piece type with larger working area 10" x 12½". Tilting table optional at no extra cost.
- BEARINGS: 4 precision ball bearings mounted one above and one below pulley; other two in rack.
- SPINDLE: 6 spline, ½" diameter tapered at end for Jacobs chuck and collets . . . minimizes vibration.
- SPINDLE TRAVEL: 4", adjustable spring return.
- COLUMN: ground seamless steel tubing, 2¼" diameter.
- RACK: machined from solid bar steel, 1½" diameter. Teeth milled in rack to match pinion.
- PILOT WHEEL FEED: with bakelite knobs, calibrated depth stop.
- HEAD: close grained gray iron. Parts machined to close tolerances.
- STANDARD SPEEDS: with 1740 R.P.M. motor, 600, 1250, 2440, 5000.
- SLO-SPEED MODEL SPEEDS: 480, 940, 1300, 2900 R.P.M.

PRICES

950 Drill Press, Bench Model, Standard speeds. Less motor.....	\$46.95
951 Drill Press, Bench Model, Slow speeds. Less motor.....	47.95
935 Drill Press, Floor Model, Standard speeds. Less motor	54.50
937 Drill Press, Floor Model, Slow speeds. Less motor.....	55.50
936 Drill Press, Floor Model, Standard speeds. With belt guard, production table 12" x 10", and less motor	65.00
938 Drill Press, Floor Model, Slow speeds. With belt guard, production table 12" x 10", and less motor.....	66.00
961 Drill Press, Floor Model, Standard or Slow Speeds optional. With foot-feed attachment, belt guard, production table with raising and lowering device, and less motor.....	92.50
9D80N Foot-feed attachment, fits floor models with 2¼" columns.....	16.50
KAB3 1/3 H.P., 1740 R.P.M. motor, recommended for drill presses listed above	20.50

DRILL PRESS ATTACHMENTS



Head Raising Mechanism

HEAD RAISING MECHANISM

Fits all "900" series drill presses with 2 1/2" columns. Functions equally well with the head and column in any position. It is positive in action yet easy to operate. The raising and lowering mechanism is movable around the column with the head assembly.

9D75 Head raising mechanism (for bench model) \$8.25

9D76 Head raising mechanism (for floor model with foot feed) 8.25

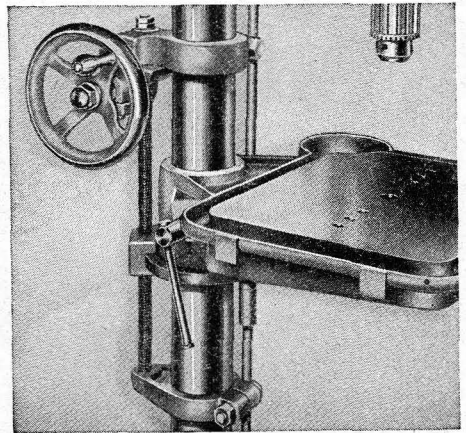


Table Raising Mechanism

TABLE RAISING MECHANISM

A production table 12" by 10" is shown with the new table raising and lowering mechanism. They fit all "900" series drill presses with 2 1/2" diameter column and are very easily attached.

9D65N Production table \$7.75
9D66 Table raising Mechanism (with hand crank instead of wheel shown).... 8.25

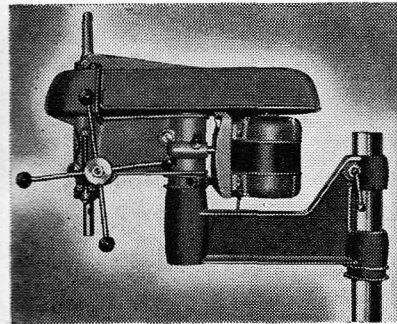
EXTENSION ARM

With the pantograph type extension arm the distance from the main column to the drill is increased from 7 1/2" to 24". Intended for light drilling, it is useful for drilling or tapping holes in large sheets, plates, and other wood or metal panels. For use on all "900" series drill presses with 2 1/2" diameter columns. Swings on accurately fitted bearings and is movable up and down the column.

9D6 Extension Arm complete \$17.50

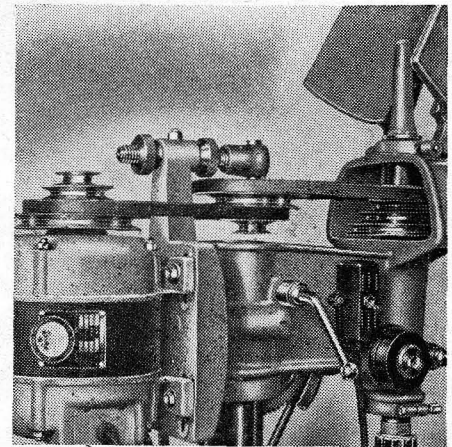
SLO-SPEED ATTACHMENT

This new drive provides a wide range of usable speeds from a low of 165 R.P.M. to a high of well over 5000 R.P.M. The pulley turns on dust-sealed, precision ball bearings.



Extension Arm

7D113 Slo-speed attachment for 715 drill press, including ball bearing mounted pulley and 24" and 26" V belts \$8.50
9D113 Slo-speed attachment for "900" series drill press, including ball bearing mounted pulley and two 24" V belts 8.25



Slo-Speed Attachment

MORTISING ATTACHMENTS

This attachment clamped to the drill press rack holds hollow chisels permitting mortises of 1/4", 3/8" or 1/2". It is easily attached in place of the stop collar. The depth gauge indicates depth of mortise.

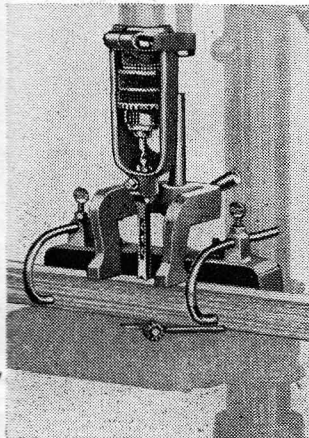
No. 9D95—Mortising Attachment (for series 900 models) \$1.90

No. 7D85—Mortising Attachment (for series 700 models) 1.90

HOLD-DOWN AND GUIDE

Sturdy and readily adjustable. Piece to be mortised is placed against the guide and the hold-down locked in position just above the piece to prevent it from being lifted on the upward movement of the chisel.

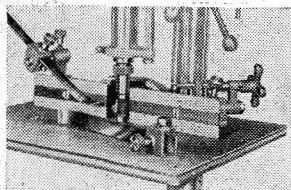
9D90 Hold-down and Guide (for "700" and "900" drill presses) \$3.95



GUARDS AND GUIDES

For accurate work, this attachment is almost indispensable. It restricts the depth of cut to a prescribed point. The front guide has a micromatic setting for adjustment. (Used only with 9D table.)

No. 5S7—Shaping Guard and Guides \$3.65



Adapter for Small Shaping Cutters

The small cutters (SS5-SS12), are held in the Collet chuck (7D11) and Jacobs chucks by means of this adapter.

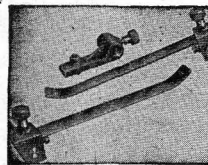
No. DP120—1/8" Adapter for small cutters \$.35

Adapter for Cutters With 1/2" Bores



Attached to tapered end of drill press spindle, in place of chuck, and locked in position with knurled nut.

No. 9D5—1/2" Threaded Adapter (for series "700" and "900" models) \$1.15



HOLD-DOWN SPRINGS

These springs used with the guard and guides increase the safety and accuracy of shaping.

No. 5S8—Spring Hold-downs \$1.85

5/16" COLLET CHUCK



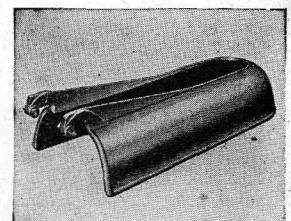
Holds routing, dovetailing bits and other accessories having 5/16" shanks.

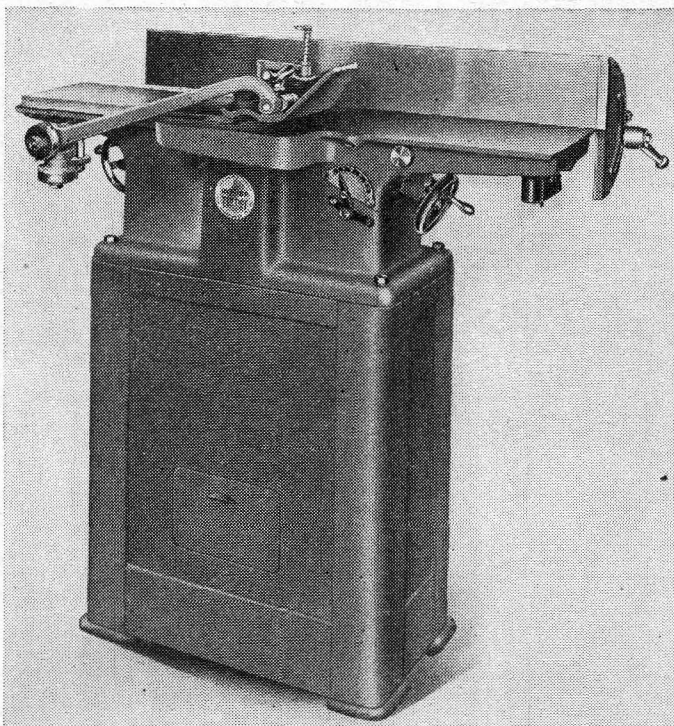
No. 7D11—5/16" Collet Chuck (for "700" and "900" models) \$1.25

BELT GUARD

A cast iron belt guard which fits all series 900 drill presses covering the motor pulley and belt complete. When shifting the belt, guard is swung up and forward, exposing the belt and pulley.

No. 9D55—Belt Guard...\$6.95





SPECIFICATIONS

TABLES: Heavy gray iron cored castings with tops carefully ground. Bottoms have machined dovetail ways to match base. Gibs provided for adjustment.

BASE: Sturdy casting accurately machined. Drilled and tapped for motor base.

CUTTERHEAD: Solid steel carefully machined and balanced. Three-knife, approved round type, 2 1/2" in diameter.

BEARINGS: Precision dust-sealed ball bearings.

KNIVES: Made of selected steel honed to fine edge. Each knife held in position by four jack-screws and provided with a chip breaker.

GUARD: Patented Dual Purpose Guard.

DEPTH INDICATOR: Accurately shows depth of cut in fractions of an inch.

FENCE: Made of malleable iron, ground and polished, 29 1/2" long, 4 1/4" high. Indicator shows position in relation to table. Stops provided at 45° and 90° positions. Movable laterally across full width of the table for rabbeting. Control lever locks or releases in less than a half turn. Plunger locates fence at principal positions.

DRIVE: Allis-Chalmers multiple belt Texrope.

RABBETING CAPACITY: Up to 1/2".

OPERATING SPEED: 4200 R.P.M.

LENGTH: Overall 37 1/2", front table 17 1/2", rear 15 1/4".

HEIGHT: From floor to jointer table top 34", machine only 9 1/2".

SHIPPING WEIGHT: approximately 175 lbs. without stand or motor. Stand approximately 55 lbs.

TEXROPE MODEL

P910—6" Jointer De Luxe equipment, as shown left with **MULTIPLE V BELT (TEXROPE) DRIVE** motor base and dual-purpose guard, less motor switch and machine base. \$56.00

9P46—Knife guard for rear of fence 2.50

107A—Steel stand with chute 17.50

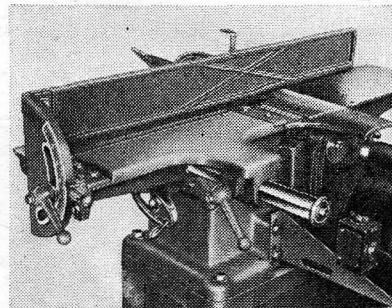
KEB5S—1/2 H.P., 110-220 volts, 60 cycles, AC, 3450 R.P.M. capacitor motor. 25.50

DUAL-PURPOSE GUARD

DUAL-PURPOSE GUARD furnished on No. 910 has been so designed that the work may be fed under it while the operator's left hand, resting on the guard, applies the necessary amount of pressure. This permits planing wood down to ribbon thickness with absolute safety.

TEXROPE MODEL

This view shows the new hinged fence, quick-action fence locking lever, motor mounting, Texrope multiple V belt drive, rear knife guard that keeps the knives covered when rabbeting and the conveniently located motor switch. Every detail of construction contributes to its sturdiness, accuracy and efficiency.



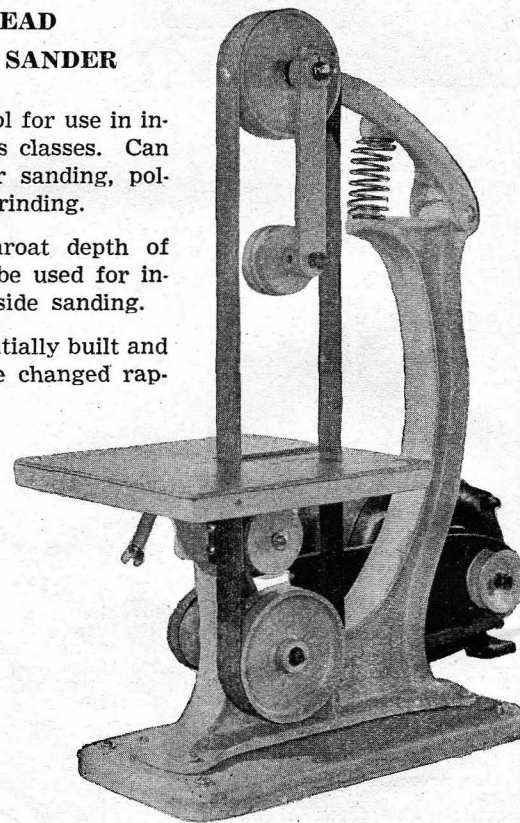
MEAD

BAND SANDER

A new tool for use in industrial arts classes. Can be used for sanding, polishing or grinding.

Has a throat depth of 8 1/2". Can be used for inside or outside sanding.

Is substantially built and bolts can be changed rapidly.

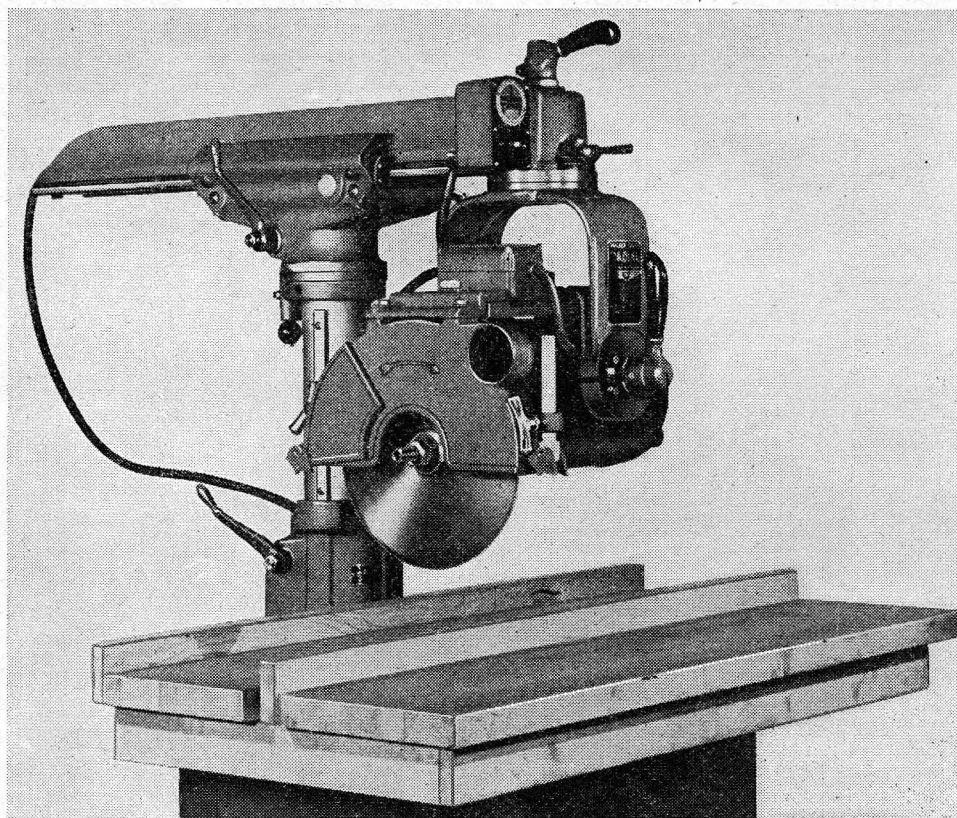


For Metal
Wood or
Plastics

Tilting
Table

Band sander less motor but with V belt, motor pulley and 4 bands \$14.95
Extra bands20
Extra back stops30

WALKER-TURNER RADIAL SAW



FOR CUTTING NON-FERROUS METALS, PLASTICS AND WOOD

MODERN DESIGN: Correct mechanical principles—balanced power—skillful arrangement for taking care of structural stresses and strains so accurate performance is assured and maintained.

GLIDING RAM: Moves 21½" with finger touch lightness on 8 precision Ball-Bearings. Operator has clear view of work and no interference from overhanging arm extending out over the table.

UNIVERSAL HEAD: Convenient locating latches and locking levers for quick change and rigid setting. Mechanical adjustments for maintaining accurate alignment.

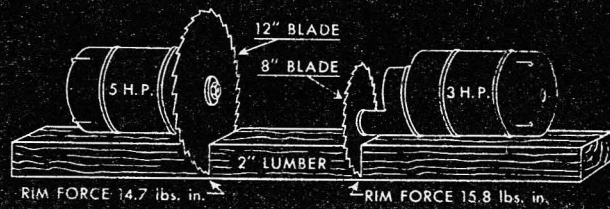
GEARED MOTOR: Equipped with a patented "SHOCK ABSORBER" or mechanical cushion—an exclusive feature—U. S. Patent No. 2,236,854.

SAFETY GUARD: With adjustable segment for covering otherwise exposed part of saw blade—double kick-backs provided both front and rear.

MAPLE TABLE TOP: Selected kiln dried maple laminated—46" x 24"—removable center fence with quick change wedges. Rigidly supported on ONE PIECE base extending out under table to support it and insure ACCURACY.

UNEQUALLED CAPACITY: Rips 38" wide. Travels 21¼" to cut material 4¼" deep with 12" blade. For mitering, compound mitering, shaping and routing its capacity is unequalled.

5 H.P. PERFORMANCE WITH 3 H.P. MOTOR



12" blade cuts	4¾"	8" blade or Dado	3¾"
10" blade cuts	3¾"	6" Dado Head	1¾"
2" x 8" Jack Rafters are cut with 10" saw.			
(Deduct only ½" capacity for larger 2 & 3 HP Motors)			

RA1104—RADIAL SAW COMPLETE, as shown above, including 1 H.P., single phase, 110/220 volt, 60 cycle, 3450 R.P.M., A.C. Motor, and 10" blade**\$310.25**

RA1106*—RADIAL SAW, same as RA1104, except with 1½ H.P., and without magnetic overload release. **310.25**

RA1107*—RADIAL SAW, same as RA1104, except with 2 H.P., 12" blade instead of 10".**354.50**

RA1108*—RADIAL SAW, same as RA1107, except with 3 H.P., three phase, 220 volt, 60 cycle, 3000 R.P.M., A.C., Motor, and without magnetic overload release.**354.50**

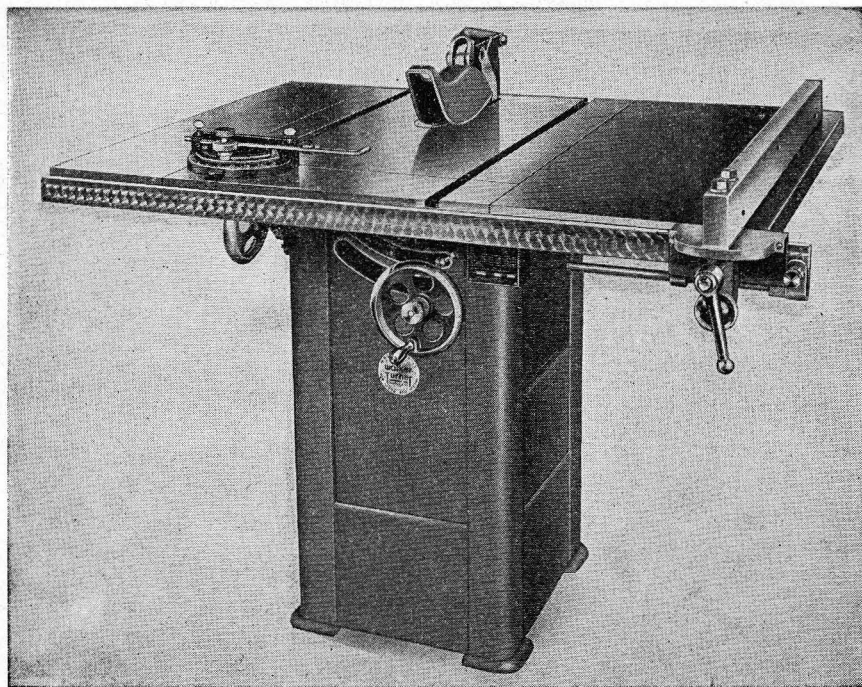
RA185—MAPLE TABLE TOP, laminated, 46" x 24". **20.25**

RA14B—CAST IRON FLOOR STAND **48.50**

Odd voltages on 1 H.P. Single Phase, \$1.25 Extra; Odd cycles on 1 H.P. Single Phase, \$.75 Extra; Odd voltages on 2 H.P. single phase, \$2.50 Extra; Odd cycles on 2 H.P. Single Phase, \$1.50 Extra. Available in 2 phase. For 440 volts no Extra. Odd cycles 10% of Motor price extra. Other odd voltages \$2.50 extra. If Radial Saw is wanted with Long Ram, specify S after number, as RA1104S. S models \$40.00 extra.

10" FLOOR MODEL TILTING ARBOR SAW

Texrope Drive • Made by Walker-Turner • Gear Drive



Intensive research and development coupled with the experience gained in manufacturing thousands of tilting arbor saws have made possible this De Luxe Model which is by far the finest machine of its type ever produced.

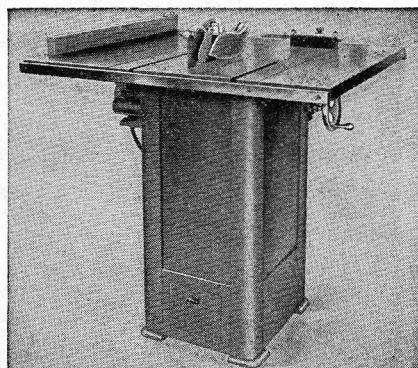
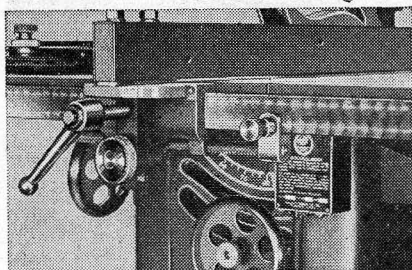
FEATURES

- Air-filtered, geared-power motor with over 300% pull out torque. Allis-Chalmers Texrope Drive also available.
- Magnetic overload protection switch positively eliminates injury to motor due to overloading.
- Heavy cast-iron and steel tilting assembly — perfectly balanced, cannot be sprung or twisted out of alignment.
- New gun type elevating mechanism is simple and strong and cannot be jammed.
- Tilting and raising mechanisms are operated easily.
- Heavy gauge welded steel base, fully enclosed, with clean-out door at rear.
- Vernier adjustment of ripping fence and self-indexing mitre gauge regular equipment.
- Anti-kick-back guard and splitter is a definite safety factor.
- Table is gray iron with top smoothly ground to a plane surface. Table size 20" x 27", with-out extensions.
- Four precision, SKF ball bearings in motor unit carry motor shaft and drive spindle. Belt drive model has two large ball bearings in arbor.

SUGGESTED LAYOUT

TA1180B Floor model tilting arbor saw, Texrope Drive	\$ 89.50
KEB10S 1 H.P., 110-220 volt, 60 cycle motor with circuit breaker switch ..	45.00
11TA33 Extension tables, three, one 32" x 14½", one 32" x 8" for sides and one extension for front or rear of main table 20" x 5".....	17.50
TA15 Guard, splitter and anti-kick-back pawls.....	4.50
Total	\$156.50

VIEW FROM REAR



MANY NEW FEATURES

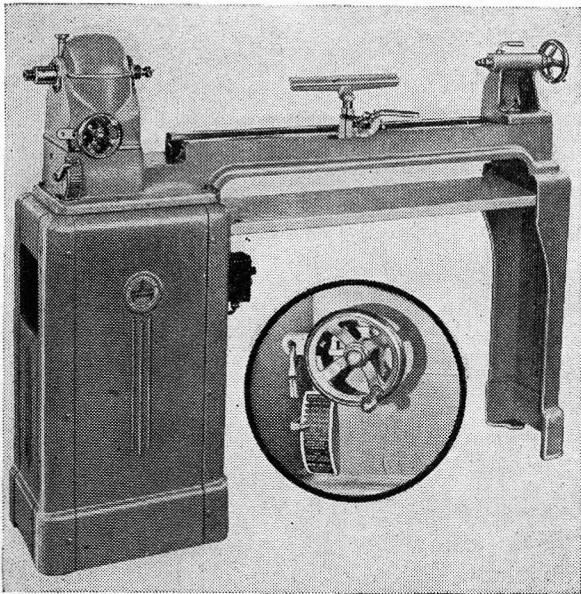
The magnetic switch that protects the motor from overloading, the Vernier adjustment of the ripping fence, the convenient fence locking lever, the raising and lowering control wheel and the long steel ripping fence . . . all are features that afford greater utility and convenience.

A clean-out door in lower rear section of base facilitates the removal of sawdust. Also note the extra table area between saw splitter and rear edge of table top.

AIR-FILTERED MOTOR

Constant research, experimenting and attention to detail have made possible this compact, highly efficient motor. These motors are guaranteed to have a pull-out torque of over 300% and are cool in operation. All 1 H.P. single phase motors may have a filter attached to the air intake.

WALKER-TURNER VARIABLE SPEED LATHE



No. 1152 Variable Speed Lathe

SPECIFICATIONS

Swing Over Bed: 12"; Over Gap 15½"—Distance Between Centers: 38"

Headstock has two sets of preloaded SKF precision ball bearings—double row at spindle nose.
Ample overload capacity for both thrust and radial loads is provided.
All head and tail stock centers have No. 2 Morse Tapers.
Extra strong and rigid—ideal for metal turning and spinning.
Gap bed construction provides 3½" of extra capacity.
Adjustable tool rest bracket of new design provides smooth, quick action.
Spindle threaded for outboard mounting of face plate.
Over-all Dimensions—Height 47", Width 11½", Length 58".
Bed to floor 36". Two machined ways on bed 1½" wide. Width of bed across ways 5".
Head Stock Spindle—1" O.D. ⅝" hole through its length threaded R. & L.H. 12 threads to the inch. Positive type indexing plunger on pulley.
Headstock, tailstock, bed and tool rest are machined gray iron castings.

PRICES

No. 1152 Lathe, as shown, with variable speed drive, base, 12" and 6" tool rests, less motor.....\$99.50
LPAEB5—½ H.P. 1740 R.P.M. 110/220 V., 60 cycle motor\$24.50
LPAEB5—½ H.P. 1750/3500 R.P.M. 60 cycle, 3 phase motor\$45.50

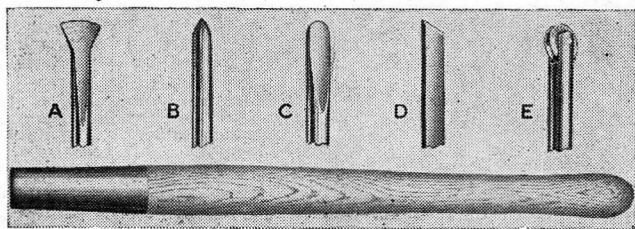
No. 1152 Variable Speed Lathe—This rugged, safe, extra capacity lathe makes available for the first time a lathe with a variable speed drive as an integral part of the headstock. This drive provides any speed from 260 R.P.M. to 4200 R.P.M., depending upon motor and motor pulley used.

Spindle speeds are controlled by a hand wheel and are indicated on a scale. After spindle speed is set and control locked in position, speed cannot be changed without unlocking the control. See insert.

Bed ways are machined on top, sides and bottom for accuracy and ease of operation. Special cast-iron base encloses motor, protecting it from chips and dust. The tail-stock center is automatically ejected. For Metal Spinning Accessories, see below.

LATHE ACCESSORIES

Metal Spinning Tools

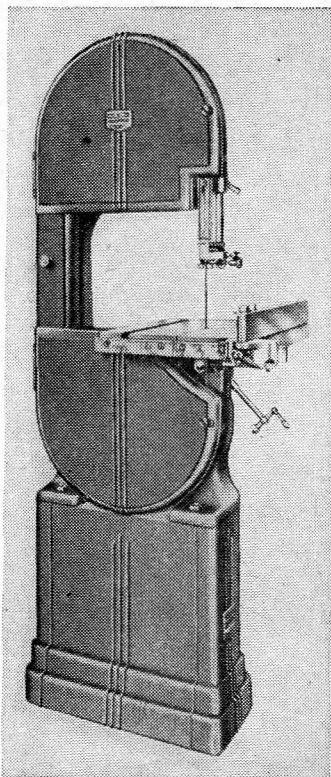


These spinning tools are heavy and substantial and represent the types most commonly used. Handles are hardwood, 20½" long.

A—MS4—No. 1 flat tool with handle.....\$2.50
B—MS5—No. 1 point tool with handle..... 2.50
C—MS6—No. 2 flat tool with handle..... 2.50
D—MS7—Cut off tool with handle..... 2.50
E—MS8—Beading tool with handle..... 3.00
MS12—Special tool rest for spinning—has movable pin and row of holes in top. Fits 952 and 1152 lathes 2.25
MS9—Ball-bearing tail center—needed so that the follow block can be locked rigidly against the piece being spun to hold it between centers..... 5.00
MS10—1", 12-thread tap—helpful for threading wood forms to fit the lathe spindle. A form can then be screwed up closely to the head casting..... 2.75

16 and 14 INCH WOOD AND METAL CUTTING BAND SAWS

WOOD-CUTTING SAW



Made by Walker-Turner

Smooth, Vibrationless Performance
More Accurate Cutting
Exceptional Capacity
Low Initial Cost With
Long-Run, Trouble-Free Service

FEATURES BOTH MODELS

- All wheel bearings are heavy duty precision ball bearings.
- Tables are heavily ribbed and carefully machined, tilt to 45 degrees, and have mitre gauge grooves.
- Wheels are gray iron, carefully balanced and rubber faced.
- Blade tensioning devices have spring cushions to absorb shocks.
- Guard construction assures complete protection to operator.
- Heavy cast-iron, one-piece frames have extra strength and rigidity.
- Motor bracket supplied with 16" model. For 14" model available as an extra.

	16" model	14" model
Capacity, blade to frame	16"	14"
Capacity, guide to table	12"	7"
Table size	18" x 17"	16" x 16"
Blade speeds, ft. per min. wood-cutting saw, standard motor ..	2900	2535
Blade speeds, ft. per min. metal-cutting saw, standard motor ..	200-5300	175-4630
Blade speeds, ft. per min. metal-cutting saw, slow-speed motor ..	70-2216	61-1950
Height over-all, without base ..	50 1/4"	44"
Height over-all, with base	71 1/4"	65"

The new metal cutting band saw will cut through steel, iron, aluminum, brass, alloys, compositions, and molded plastics such as Garalin quickly, accurately, and economically. By simply throwing the lever which disengages the gear-train and engaging a pin, it is immediately converted into a direct-drive machine with correct speeds for woodworking.

These practical features have enabled many shops to replace older, bigger and much more expensive band saws with these models and save money.

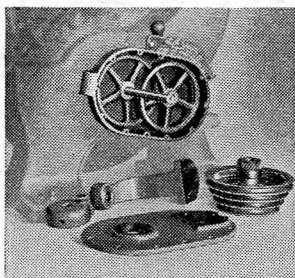
PRICES

- 1135 16" wood cutting band saw, as shown, less motor, rip fence and base. Includes 1/2" blade, motor bracket, belt and motor pulley \$110.00
- 905 14" wood cutting band saw, as shown, less motor, base, and motor bracket. Includes belt and motor pulley .. 79.50

ACCESSORIES

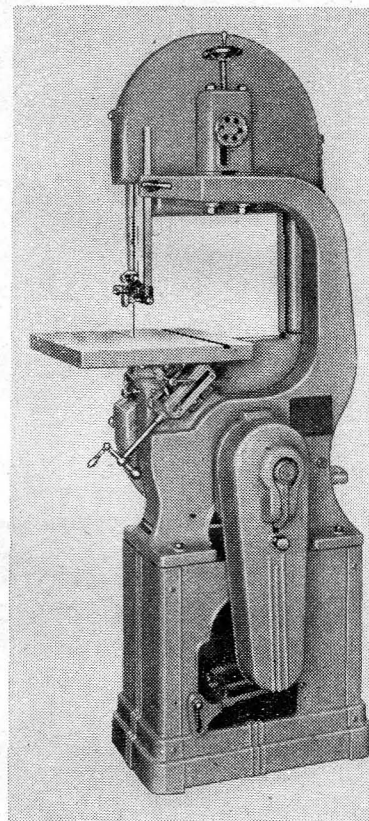
- KAB5S 1/4 H.P., 1740 R.P.M. motor, 110 volt, 60 cycle 26.50
- 11BN4 Cast-iron base (with motor bracket) 23.75
- 9BN5 Motor bracket for rear mounting (not needed with 11BN4) 3.75
- 11BN2 Belt Guard (used when motor is mounted at rear or below) 8.50
- MG90 Self-indexing mitre gauge 3.95
- 9BN80 Rip fence and guide bar 5.75
- 11BN7 Front extension table (14" x 10") with rip fence 9.95
- 9BN58 Support bar for use with 11BN7 1.75

BACK-GEAR UNIT ON METAL-CUTTING SAW



This photo shows how substantially this unit is built. It is designed for long-run, trouble-free service on steady production work. It provides eight speeds. The gear train can be disengaged and the machine operated on direct drive for higher speed operations.

METAL-CUTTING SAW



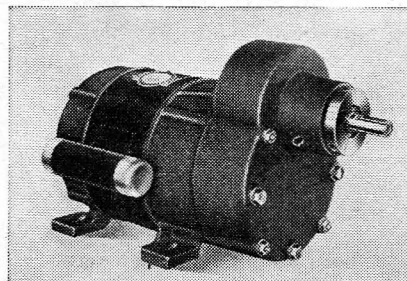
PRICES

- 1105 16" metal cutting band saw, as shown, less motor, rip fence and base. Includes 1/2" blade, metal cutting guides, belt guard, belt and motor pulley \$159.50
- 935 14" metal cutting band saw, as shown, less motor, rip fence and base. Includes belt, motor pulley and guard .. 127.50

ACCESSORIES

- KAB5S 1/4 H.P., 1740 R.P.M. motor, 110 volt, 60 cycle 26.50
- GIB5 1/4 H.P., 716 R.P.M. geared motor, single phase, 110-220 volt, 60 cycle 50.00
- GIB7 1/4 H.P., 716 R.P.M. geared motor, 3 phase, 220 volt, 60 cycle 55.00
- 11BN4 Cast-iron base (with motor bracket) 23.75
- 9BN5 Motor bracket for rear mounting (not needed with 11BN4) 3.75
- 11BN4S Special Cast-iron base for GIB5-7 motors 22.00
- MG90 Self-indexing mitre gauge 3.95
- 9BN80 Rip fence and guide bar 5.75
- 11BN7 Front extension table (14" x 10") with rip fence .. 9.95

SLO-SPEED MOTOR



A new 716 R.P.M. back geared motor provides the extremely slow speeds necessary in cutting certain types of steel. Used on these metal cutting machines many speeds are available.

WALKER-TURNER MOTOR GRINDERS

- All grinders have extended end bells.
- Motors are totally enclosed with special shaft seals to prevent abrasive dust damaging vital parts.
- A ground wire is furnished on all models except the three phase.
- Precision, dust sealed ball bearings are standard equipment on all models.
- The guards are easily removed for buffing operations.
- All models fit the pedestal base, GMP5, which is adjustable for height.
- Operating speed of all standard models is 3450 R.P.M.

½ H.P. CAPACITOR TYPE GRINDER

This grinder GR50 with its capacitor type motor and ample overload capacity will deliver years of steady, consistent service. The wheels are 7" in diameter, 1" wide, ¼" hole. Full protection guards designed according to latest safety code requirements; large, non-shatterable glass shields; adjustable tool rests and cooling cup. A highgrade snap switch is built into the base.

COMBINATION GRINDER AND DISC SANDER

This combination model CG50 has the same features as specified above for the GR50 except that the disc sander attachment is substituted for one wheel and guard. CG50 will prove an invaluable aid in any shop where there are small parts to be ground and surfaced . . . a student can do several different operations on a single piece without leaving the machine.

PEDESTAL STAND FOR ALL MODELS

The table to which this grinder is attached, and the tripod stand, are made of cast iron. The table is 18" x 14" with a cooling cup located at the front center. A liberal sized tool tray is provided on either side of the cooling cup. The top of the table is drilled to take all current model grinders. A ground steel column, 2" in diameter, connects the table with the stand and affords adjustments for height with a variation of 12". The stand has three legs providing unusual stability. See listing below of GMP5.

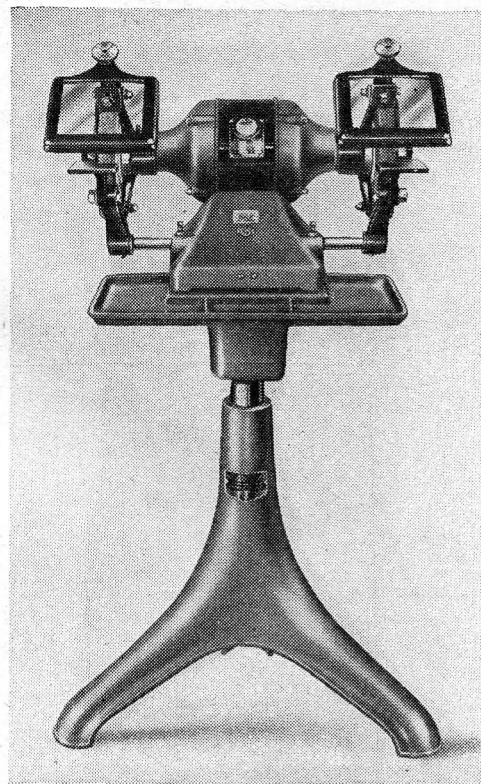
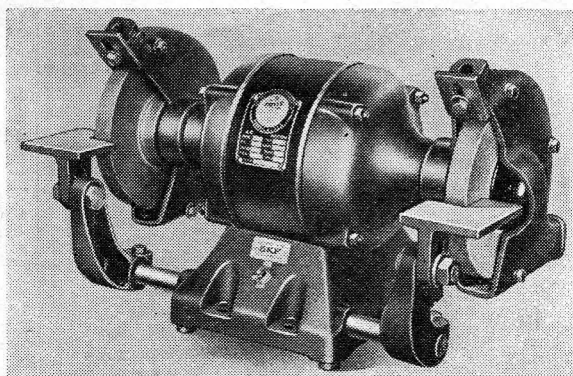


Illustration above shows GR50 Grinder mounted on GMP5 Pedestal Stand

GR50	½ H.P. Grinder (110 volts, 60 cycle, A.C.) as shown above (without stand)	\$48.00
	50 cycle, 110 volts, \$.75 extra. 220 to 250 volts, 60 cycle, \$3.00 extra. 3 phase, 220 volts, 60 cycle, no extra cost (but switch is not supplied). 3 phase 220 volts, 50 cycle, \$4.00 extra. Direct current, 115, 230 or 250 volts, \$15.00 extra. (Switch not supplied with 3 phase motors.) Shipping weight 80 lbs.	
CG50	Combination Grinder and Disc Sander	63.50
GMP5	Pedestal Stand including table, Shipping weight 70 lbs.	15.00
GR36	1/3 H.P. Grinder (110 volts, 60 cycle, A.C.) as shown. Shipping weight 60 lbs.	29.75
GR35	1/3 H.P. Grinder (same as GR36 but including eye shields and cooling cup)	33.00
	50 cycle, 110 volts, \$.75 extra. 220 to 250 volts, 60 cycle, \$2.00 extra. 3 phase, 220 volts, 60 cycle, \$6.00 extra. 3 phase, 220 volts, 50 cycle, \$9.00 extra. D.C. 115, 230 or 250 volts, \$12.00 extra. No switch on 3 phase motors.	



GR36 GRINDER

This GR36 ¼ H.P. grinder has tool rests adjustable two ways, guards which have covers on the outside of the wheels, a sturdy 10 ampere switch located in the base. Wheels are 6" in diameter, ¾" wide, ½" hole. A 10' cord and plug is supplied.



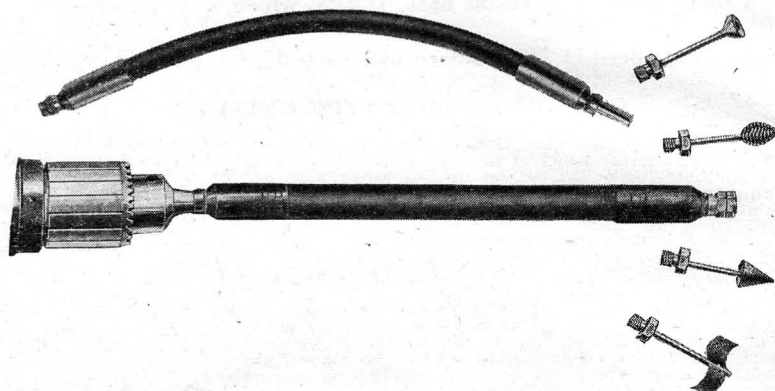
WALKER TURNER

10 INCH GRINDER

One horsepower motor fully enclosed takes 10 x 1 inch wheels.

For Three Phase Only

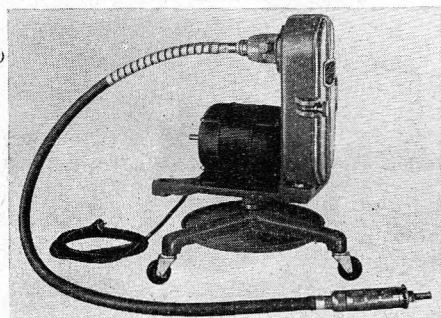
No. GR100 Grinder (Less eyeshields)	\$87.50
No. GR100 A Eyeshields Pr.	12.00
No. GR101 Cast Iron Stand	35.00



WALKER TURNER SNAKE DRILL

A flexible shaft unit to be used in conjunction with an electric drill. Drills and other tools are sweated to a special adapter. Rubber covered steel casing.

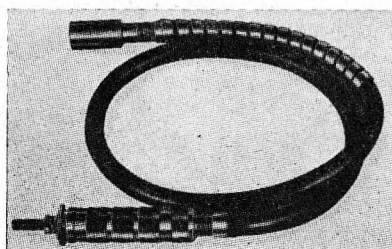
No. 15 Snake drill 15" overall.....	\$4.25
No. 30 Snake drill 30" overall.....	5.25
No. 3 Adapters25



FLEXIBLE SHAFT MACHINE

Heavy cast iron housing carries Jackshaft bearing assembly and enclosed belts. Has four speeds. 43-inch casing takes 1/2 H.P. motor ball bearing hand piece.

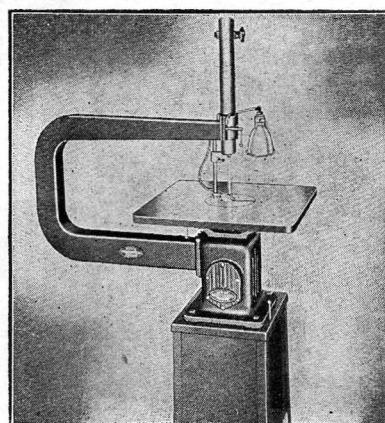
No. 258 Multispeed Portable Flexible Shaft machine, without motor	\$32.00
No. KEB5X motor	25.75



No. 251 SHAFT

Assembly as used on above machine.

No. 251 assembly	\$20.00
No. 506 Hand-piece	\$5.50
No. 552 Core	\$4.95
No. 551 Casing	\$7.75



BOICE CRANE

24" x 5"
Jig Saw

Measured Tension takes blades 5 to 9 inches long.

Head can be turned for ripping.

Can be used for sawing, filing, and sanding.

Arm can be removed when sabre sawing.

No. 2200 Jig Saw	\$75.00
No. 1012 Pulley60
No. 1044 V Belt	1.15
No. 2203 Steel Stand	13.25
No. 1601 1/3 H.P. motor	17.25
No. 2210 Belt guard	2.50
No. 2206 File chuck	1.65

SERVICE-TESTED MOTORS

Made by Walker-Turner

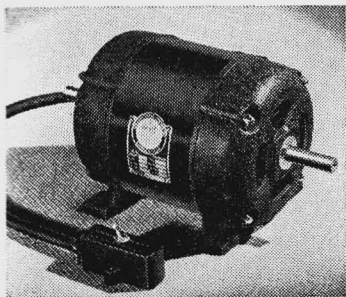
These custom-built motors are large and powerful—quiet and cool-running.

Because of their ruggedness, low maintenance and overload capacity, three-phase motors are superior to all other types and their use is recommended wherever three-phase power is available.

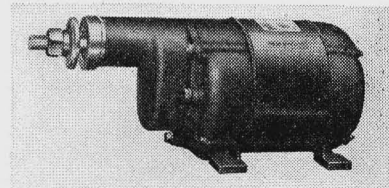
Capacitor-type motors have a high starting and running torque, low starting current, and having no commutator or brushes they cause no radio disturbance.

Split-phase motors have a higher starting current inrush and a lower starting torque than any of the above motors. They are entirely satisfactory where the starting load is relatively light.

Motors have SKF ball-bearings and double shafts. 10 ft. rubber-covered cord and plug regular equipment.



GEARED MOTORS



FEATURES

- Practically indestructible under the most severe service.
- Improved ventilation insures maximum temperature rise not to exceed 40 degrees Centigrade.
- Motors guaranteed to develop 300% of full load H.P. for intermittent service, more than full-rated power for continuous service.
- Gears are fabri-impregnated bakelite and steel, protected by a shock-absorbing clutch. Guaranteed for one year.
- Selected precision ball-bearings used, 2 on spindle, 2 in motor.
- Cast-iron end bells, gear housing diamond bored to take bearings.
- Air-filtering device supplied on 1 H.P. geared motors for circular saws; for other motors on special order.

97% EFFICIENT

The gearing employed is the result of extensive research and development. Fully 97-98% of the full load power of the motor is delivered to the work, while losses on belted drives may run as high as 40 % due to slipping and friction.

No.	H.P.	Type	R.P.M.	Volts	Cycles	Shaft	Price
KAB3	1/2	Split Phase	1740	110	60	(2) 1/2" and 5/8"	\$20.50
KAB5	1/2	Split Phase	1740	110	60	(2) 1/2" and 5/8"	25.50
KEB5	1/2	Capacitor	3450	110-220	60	(2) 1/2" and 5/8"	26.50
KEB7	3/4	Capacitor	3450	110-220	60	Double 5/8"	32.50
KEB10	1	Capacitor	3450	110-220	60	Double 5/8"	42.50
PAB5	1/2	3-Phase	1740	220	60	(2) 1/2" and 5/8"	24.50
PEB5	1/2	3-Phase	3450	220	60	(2) 1/2" and 5/8"	26.75

NOTE: Remote control switch regular equipment except on 3-phase motors. For motors having current specifications other than those listed and for Direct Current and Repulsion-Induction motors—
WRITE FOR PRICES.

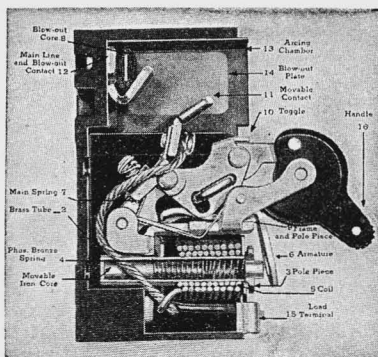
MAGNETIC Circuit Breaker SWITCH

The magnetic circuit breaker switch (shown at right) is standard equipment on GB-10 Geared Motor. This device permits the motor to operate continuously under full load and to carry up to 2 1/2 times full loads for short periods. If the load continues to a point where it would cause dangerous overheating, the breaker trips and cuts the motor off the line. The motor may be reconnected immediately which is not the case where thermal or resistance devices are employed.

Magnetic circuit breaker switches are available separately as follows:

MBS5 Circuit breaker for single phase motors of 2 H.P. or less. Specify size and type motor\$6.00

0362 Circuit breaker for 1 1/2 and 3 H.P. 3 phase 220 Volt motors\$21.25



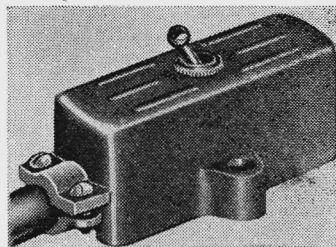
PRICES

No.	H.P.	Volts	R.P.M.	Shaft	Price
GB-5	1/2	110-220	3450	5/8"	\$40.00
*GB-5S	1/2	110-220	7600	5/8"	41.50
GB-7	3/4	110-220	3450	5/8"	55.00
GB-7X	3/4	110-220	7600	5/8"	49.50
GB-10	1	110-220	3450	5/8"	55.00
*GB-10S	1	110-220	7600	5/8"	55.50
GB-12	1	110-220	3450	5/8"	55.50
GIB-5	1/2	110-220	* 716	5/8"	50.00
GIB-7	3/4	110-220	716	5/8"	55.00

*Drum Reversing Switch supplied. GB-10 motor is supplied with overload switch. Above motors not available for Direct Current or for 25 and 40 cycles.

MOTOR STARTING SWITCHES

PUSH BUTTON SWITCH



Schools and industrial plants requiring this type switch will find these models fill all requirements. May be mounted on machine or wall and used in connection with circuit breaker switch (not in place of it).

4402 Single phase push button switch....\$2.50

609 Three phase push button switch...\$15.00

REMOTE CONTROL SWITCH

This new switch—standard equipment on practically all motors, makes the use of control rods not only unnecessary but obsolete.

This switch may be used on any make of single phase motor up to 1 H.P., 220 volts.

Furnished with 30 inches of rubber covered cord.

No. TS5—Remote Control Switch....\$3.25



Tumbler type switch for small motors, motor driven machinery and lighting loads.

Double pole, single phase.

Equipped with guard and bakelite arc snuffers.

Surface type, with gray enameled metal box. Box size 4 1/8" long, 2 1/8" wide, 2 1/4" deep.

No. 6808 Switch, Each\$2.43

Protective switch with positive overload protection. On overload switch is thrown to open position.

Has double break silver contacts.

Black enameled metal box, size 8 1/2" long, 5 1/8" wide, 3 3/8" deep. Hinged cover.

No. 390 Switch—double pole, single phase, each\$ 6.50

No. 391 Switch—three pole, three and two phase, each.... 7.50

No. 394 Switch—four pole double phase, each..... 11.50