

MODEL 1150 15" DRILL PRESS

ALL MACHINES PERFORMANCE-TESTED BEFORE SHIPMENT

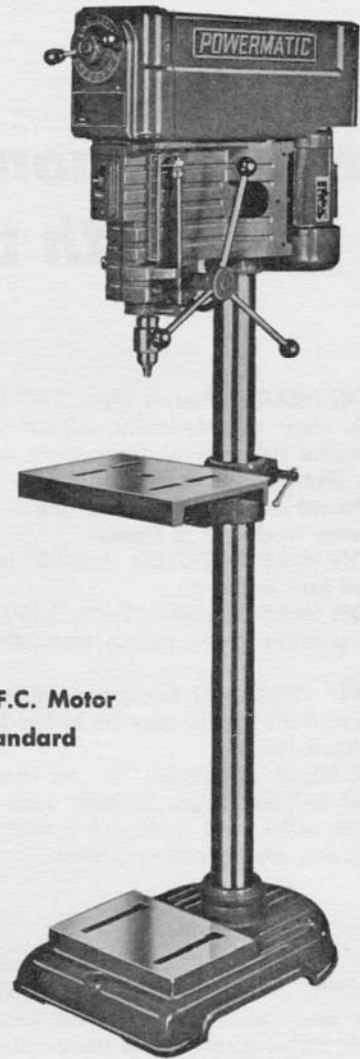
**CHANGE SPEED INSTANTLY . . .
CHECK SPEED INSTANTLY**
Powermatic's New Variable Speed
Model WITH QUIK-SET SPEED
SELECTOR AT EYE-LEVEL

No belts to handle when you change spindle speed! Just a twist of the accurately-calibrated variable speed control lets you choose speed instantly while machine runs.

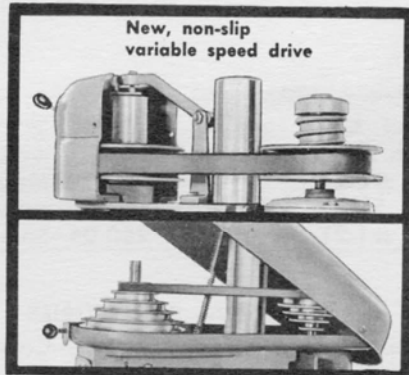
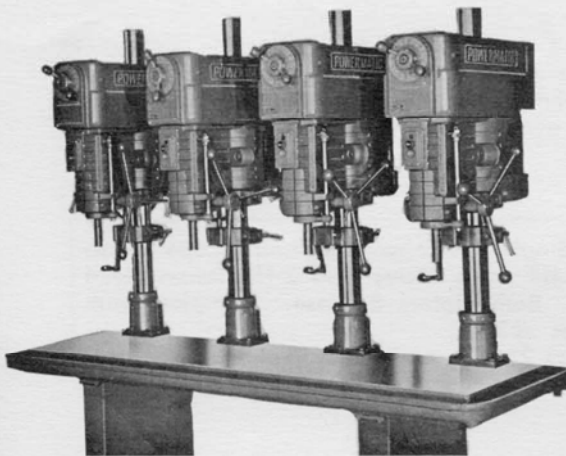
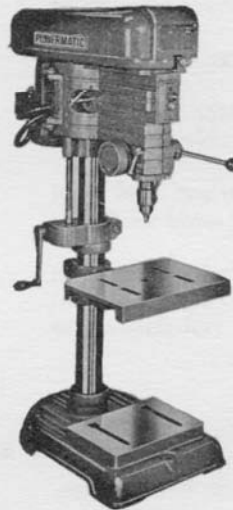
Complete speed range (low to high) in one model. 475 to 4800 RPM increases accuracy and bit life in all drilling operations.

**NOW—
STANDARD EQUIPPED
WITH A FULL
6" STROKE!**

*single units or
multiples...for
every application*



**T.E.F.C. Motor
Standard**



**FIVE-SPEED STEP PULLEY MODEL
WITH EXCLUSIVE 'SNAP-OPEN'
SPRING LOADED GUARD**

New, economy price makes this model very popular with smaller shops, schools and maintenance shops. Built with the same care and precision as the variable speed model, this powerful machine offers years of heavy-duty performance in the most common drill applications.

SPECIFICATIONS

Spindle; carbon steel.....	10-spline, #2 Morse Taper or 0-1/2" Jacobs Chuck
Spindle travel	6"
Quill diameter	2 3/16"
Column diameter.....	3" O.D.
Column length, floor model.....	62"
Column length, bench model.....	37 1/2"
Column, Wall thickness.....	3/16"
Table working surfaces:	
Utility table	10" x 11"
Tilting table	10" x 14"
Production table	12" x 18"
Base working surface	8 1/2" x 12"
Capacity in cast iron.....	1/2"

Throat depth.....	Drills to center of 15" dia.
Spindle speed, variable model.....	475 to 4800 RPM
Spindle speed, step pulley model.....	400, 840, 1580, 2800, 5300
Bearings.....	(4) Sealed ball type
Drives, available.....	Variable or 5-step pulley
Height, floor model.....	62"
Height, bench model.....	37 1/2"
Weight, Net, bench model.....	245 lbs.
Weight, Net, floor model.....	310 lbs.
Weight, Domestic crated, bench model.....	230 lbs.
Weight, Domestic crated, floor model.....	385 lbs.
Weight, Export boxed, bench model (23.4 cu. ft.).....	425 lbs.
Weight, Export boxed, floor model (35 cu. ft.).....	560 lbs.

Step Pulley 15"
 w/ HSG frame 4 L460 Belt
 8 - 5/16 flat washers 1/2 x 5/16 Bolts

Model 1150 15" Drill Press

HOW TO ORDER FLOOR AND BENCH MODELS

Variable— $\frac{3}{4}$ -HP Motor • 5-Speed— $\frac{1}{2}$ -HP Motor

Spindle & Motor Specs.	Utility Table Floor Model		Tilting Table Floor Model		Tilting Table Bench Model ★ ★		Production Table Floor Model ★		Production Table Bench Model ★ ★	
	Variable	Step Pulley	Variable	Step Pulley	Variable	Step Pulley	Variable	Step Pulley	Variable	Step Pulley
#2 Morse Taper 1-Phase	1150-01	1150-02	1150-03	1150-04	1150-05	1150-06	1150-07	1150-08	1150-09	1150-10
#2 Morse Taper 3-Phase	1150-11	1150-12	1150-13	1150-14	1150-15	1150-16	1150-17	1150-18	1150-19	1150-20
Key Chuck 1-Phase	1150-21	1150-22	1150-23	1150-24	1150-25	1150-26	1150-27	1150-28	1150-29	1150-30
Key Chuck 3-Phase	1150-31	1150-32	1150-33	1150-34	1150-35	1150-36	1150-37	1150-38	1150-39	1150-40
#2 Morse Taper Less Motor	1150-51	1150-41	1150-53	1150-42	1150-55	1150-43	1150-57	1150-44	1150-59	1150-45
Key Chuck Less Motor	1150-52	1150-46	1150-54	1150-47	1150-56	1150-48	1150-58	1150-49	1150-60	1150-50

★ Table Raising Mechanism Standard Equipment

★ ★ Head Raising Mechanism Standard Equipment

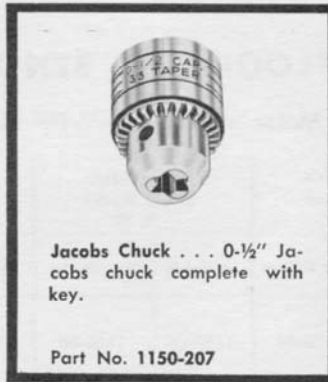
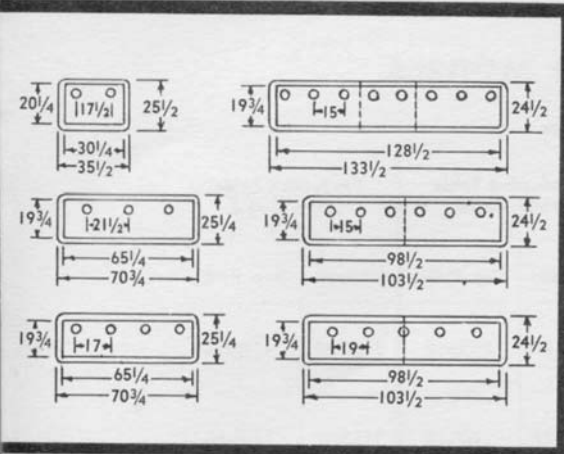
NOTE: Variable speed machines priced less motor for exchange purposes. Not available less motor.

MULTIPLE SPINDLE MODELS

Standard Equipped with Head Raising Mechanism and Legs

Spindle & Motor Specs.	2-Spindle		3-Spindle		4-Spindle		5-Spindle		6-Spindle		8-Spindle	
	Variable	Step Pulley	Variable	Step Pulley	Variable	Step Pulley	Variable	Step Pulley	Variable	Step Pulley	Variable	Step Pulley
#2 Morse Taper 1-Phase	1150-301	1150-302	1150-303	1150-304	1150-305	1150-306	1150-307	1150-308	1150-309	1150-310	1150-311	1150-312
#2 Morse Taper 3-Phase	1150-313	1150-314	1150-315	1150-316	1150-317	1150-318	1150-319	1150-320	1150-321	1150-322	1150-323	1150-324
Key Chuck 1-Phase	1150-325	1150-326	1150-327	1150-328	1150-329	1150-330	1150-331	1150-332	1150-333	1150-334	1150-335	1150-336
Key Chuck 3-Phase	1150-337	1150-338	1150-339	1150-340	1150-341	1150-342	1150-343	1150-344	1150-345	1150-346	1150-347	1150-348
#2 Morse Taper Less Motor	1150-001	1150-349	1150-003	1150-350	1150-005	1150-351	1150-007	1150-352	1150-009	1150-353	1150-011	1150-354
Key Chuck Less Motor	1150-002	1150-355	1150-004	1150-356	1150-006	1150-357	1150-008	1150-358	1150-010	1150-359	1150-012	1150-360

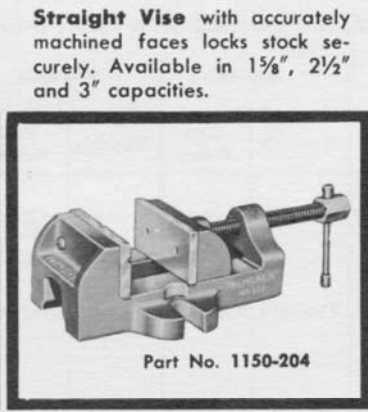
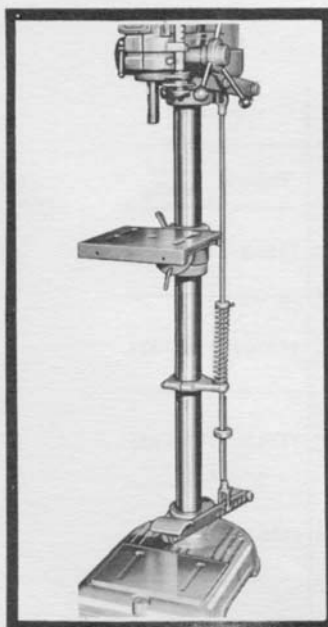
Model 1150 15" Drill Press



CHOOSE FROM THREE SPECIALLY-DESIGNED TABLES



Optional Accessories Speed Up Specialized Drilling Operations



MODEL 1150 15" DRILL PRESS

HOW TO ORDER COMPLETE HEADS

- 1150-101**—Head assembly, 5-speed, key chuck, complete with ½-HP, single phase T.E.F.C. motor and switch, motor pulley and belt.
- 1150-102**—Head assembly, 5-speed, key chuck, complete with ½-HP three phase T.E.F.C. motor and switch, motor pulley and belt.
- 1150-103**—Head assembly, 5-speed, #2 Morse taper, complete with ½-HP single phase, T.E.F.C. motor and switch, motor pulley and belt.
- 1150-104**—Head assembly, 5-speed, #2 Morse taper, complete with ½-HP three phase, T.E.F.C. motor and switch, motor pulley and belt.
- 1150-105**—Head assembly, variable speed, key

- chuck, complete with ¾-HP single phase, T.E.F.C. motor and switch, motor pulley and belt.
- 1150-106**—Head assembly, variable speed, key chuck, complete with ¾-HP three phase, T.E.F.C. motor and switch, motor pulley and belt.
- 1150-107**—Head assembly, variable speed, #2 Morse taper, complete with ¾-HP, single phase, T.E.F.C. motor and switch, motor pulley and belt.
- 1150-108**—Head assembly, variable speed, #2 Morse taper, complete with ¾-HP, three phase, T.E.F.C. motor and switch, motor pulley and belt.

LIMA DRIVE

- 1150-400**—Same as 1150-01 except with ¾-HP, 3-phase, 1800 RPM lima gear drive motor, Spindle speeds from 150 to 4800 RPM.
- 1150-401**—Same as 1150-400 except with 1-phase motor.
- 1150-402**—Same as 1150-01 except with ¾-HP, 3-phase, 1100 RPM lima gear drive motor, Spindle speeds from 88 to 4600 RPM.

- 1150-403**—Same as 1150-402 except with 1-phase motor.
- 1150-404**—Same as 1150-02 except with ¾-HP, 3-phase, 1100 RPM lima gear drive motor, Spindle speeds from 96 to 3498 RPM.
- 1150-405**—Same as 1150-404 except with 1-phase motor.

TWO SPEED MOTOR

- 1150-406**—Same as 1150-01 except with 1-HP, 3-phase, two speed motor, Spindle speeds

from 232 to 4800 RPM.

MULTIPLE SPINDLE TABLES AND STEEL SUPPORT LEGS

- 1150-120**—Production table 20¼" x 30¼" (accommodates one and two spindles).
- 1150-121**—Production table 19¾" x 65¼" (accommodates three and four spindles).
- 1150-122**—Production table 19¾" x 98½" (accommodates five and six spindles).
- 1150-123**—Production table 19¾" x 128½" (accommodates seven and eight spindles).

- 1150-124**—20" x 30" center section (accommodates 2 spindles) for making eight spindle table.
- 1150-125**—Legs, steel, 27½" high for mounting production tables.
- 1150-126**—Spindle assembly with Jacobs chuck, complete with bearing. Wt. 8 lbs., 3 oz.

OPTIONAL ACCESSORIES

- 1150-109**—Base for single spindle floor model. Wt. 60 lbs.
- 1150-110**—Column, floor model, 62". Wt. 31 lbs.
- 1150-111**—Column, multiple spindle, 37". Wt. 19 lbs.
- 1150-112**—Safety collar for head or table. Wt. 2 lbs, 4 oz.
- 1150-113**—Flange for mounting column on table. Wt. 9 lbs., 8 oz.
- 1150-114**—Utility table 10" x 11". Wt. 29 lbs., 8 oz.
- 1150-115**—Tilting table 10" x 4". Wt. 33 lbs.
- 1150-116**—Production table for bench model, 14½" x 16" working surface. Wt. 87 lbs.
- 1150-117**—Production table with raising mechanism for floor model, 12" x 18". Wt. 79 lbs.
- 1150-118**—Spindle assembly, #2 Morse taper complete with bearings. Wt. 7 lbs.
- 1150-119**—Spindle assembly, #33 taper, without Jacobs chuck, complete with bearings. Wt. 7 lbs.
- 1150-126**—Spindle assembly, with Jacob chuck, complete with bearings. Wt. 8 lbs., 3 oz.
- 1150-200**—Mortise attachment, complete with hold-down. Wt. 11 lbs.
- 1150-201**—Raising mechanism for head. Wt. 14 lbs., 4 oz.
- 1150-201A**—Raising mechanism for utility & tilting table. Wt. 14 lbs., 4 oz.
- 1150-202**—Foot Feed. Wt. 31 lbs., 8 oz.
- 1150-203**—Angle vise, 2½" capacity. Wt. 9 lbs.
- 1150-204**—Straight vise, 2½" capacity. Wt. 6 lbs.
- 1150-205**—Straight vise, 3" capacity. Wt. 7 lbs.

- 1150-207**—0 to ½" chuck. Wt. 1 lb., 6 oz.
- 1150-208**—¼" Hollow chisel and bit. Wt. 5 oz.
- 1150-209**—⅜" Hollow chisel and bit. Wt. 5 oz.
- 1150-210**—½" Hollow chisel and bit. Wt. 7 oz.
- 1150-211**—3-wire, 8 ft. cord, with attachment plug.
- 1150-212**—4-wire, 8 ft. cord, with attachment plug.
- 1150-213**—Work lamp. Wt. 10 oz.
- 1150-214**—Magnetic 1-phase switch, #1-29 and 1-3-32. Wt. 6 lbs.
- 1150-215**—Magnetic 3-phase switch, #3-30 and 1-3-32. Wt. 6 lbs.
- 1150-216**—JIC electricals for 1 or 3-phase operation. Wt. 20 lbs.
- 1150-217**—1-phase O/L switch #1-24. Wt. 2 lbs.
- 1150-218**—3-phase O/L switch #3-28. Wt. 3 lbs.
- 1150-218A**—Pushbutton 1-ph. switch #1-22. Wt. 7 lbs.
- 1150-218B**—Pushbutton 3-ph. switch #3-26. Wt. 7 lbs.
- 1150-219**—Magnetic starter, 3-phase w/built-in 110-volt transformer wired to pushbutton. Wt. 19 lbs.
- 1150-220**—O/L Switch for ½, ¾ and 1-HP.
- 1150-221**—1100 RPM motor, ¾-HP, 3-phase, #3431
- 1150-222**—Same as 1150-221, except single phase, #1211.
- 1520**—Coolant Pump and Tank. Wt. 37 lbs.
- 1521**—Coolant parts assembly, consisting of: nozzle, valve, column mounting clamp and hose assembly. Wt. 10 lbs.

MODEL 1150 15" DRILL PRESS WITH EXTRA LARGE TABLE

ALL MACHINES PERFORMANCE-TESTED BEFORE SHIPMENT

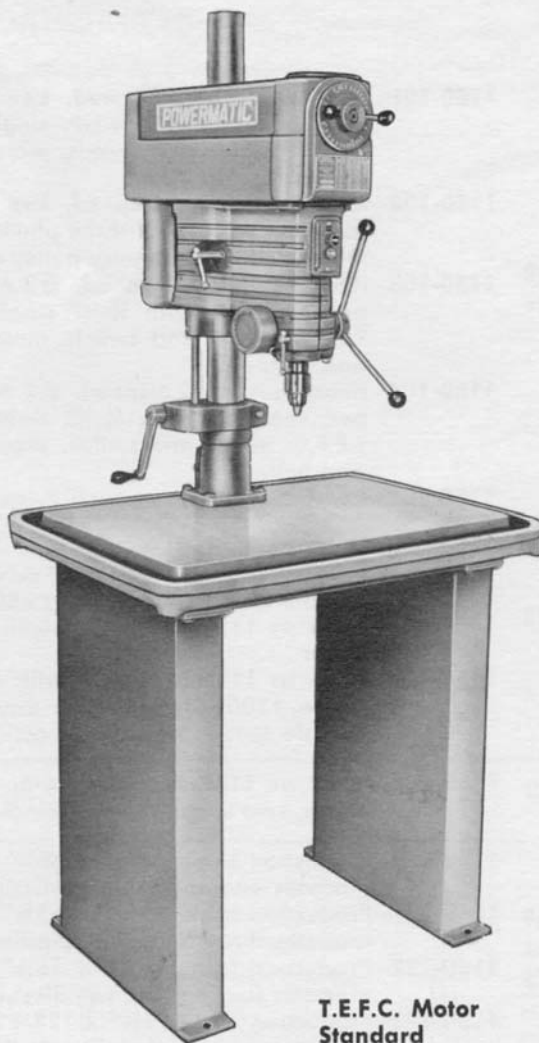
Specifically designed for the pattern, machine shop and maintenance department operator requiring extra large working surface. Huge tables, 26" x 36", make the most difficult drilling operation one of ease and speed. Choose a unit from one of the many different-speed heads to meet your exacting requirements. The unique vari-drive or step-pulley models offers the versatility and flexibility demanded most in industry.

SPECIFICATIONS

Spindle Speeds:

Variable speed models: High Speed
(with 1725 RPM Motor).....475-4800 RPM
Two Speed Motor.....232-4800 RPM
Step-pulley models:
High Speed.....400, 840, 1580, 2800, 5300
(with 1725 RPM Motor)

Quill Diameter.....2-3/16"
Stroke.....6"
Column Diameter.....3"
Column Wall Thickness.....1/4"
Column Length (standard).....37 1/2"
Largest Dia. Hole in Cast Iron.....1/2"
Largest Dia. Hole in Steel.....3/8"
Weight, Net.....516 lbs.
Weight, Domestic Crated.....636 lbs.
Table Working Surface.....20" x 30"
Max. Distance, Spindle Nose to
Table (with Standard Column).....21 3/4"
Max. Distance, Key Chuck to Table
(with Standard Column).....21 1/4"

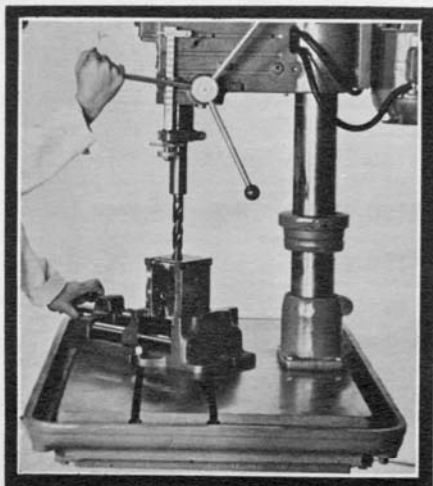


T.E.F.C. Motor
Standard

STANDARD MACHINES

*1150-407 Variable Speed, 3/4 HP, 3-ph.
*1150-409 Step Pulley, 1/2 HP, 3-ph.
*1150-411 Same as 1150-407, except with
two-speed motor, 1 HP, 3-ph.
Single voltages only—220 or 440.

*1150-408 Variable Speed, 3/4 HP, 1-ph.
*1150-410 Step Pulley, 1/2 HP, 1-ph.
*NOTE: If Morse Taper desired in lieu of key
chuck, please specify.



ALSO AVAILABLE
WITH MODEL 1200
20" DRILL HEADS
See Special Literature
Sheet at Your Dealer

OPTIONAL EQUIPMENT—Full length
T-slots provide positive locking for
large drill jigs and fixtures for high
production operations.

Model 1150-120-A

Satisfaction Guaranteed
All Parts Replaceable
at Low Cost.



Blades easily
resharpened.



POWERMATIC Adjust-A-Drills cut clean accurate holes!

No. 1 Adjust-A-Drill

Cuts holes $\frac{3}{16}$ " to $1\frac{1}{2}$ " diameter. $\frac{1}{4}$ " pilot drill and shank. Complete with one long and one short blade and adjustment wrench.

No. 2 Adjust-A-Drill

Cuts holes 1" to $2\frac{1}{2}$ " diameter. $\frac{3}{8}$ " pilot drill and shank. Complete with one long and one short blade and adjustment wrench.

No. 3 Adjust-A-Drill

Cuts circles to 6" diameter— $\frac{3}{4}$ " deep. $\frac{3}{8}$ " pilot drill and shank. Complete with one blade and adjustment wrench.

No. 123 Set

HOLE CUTTING SET . . . Here is the full line of famous Adjust-A-Drills for hole-cutting. The same durable, top-quality tools you have used in the past, now convenience-boxed for full-range hole sizes, $\frac{3}{16}$ -inch to 6-inches in diameter.

"E-Z" BORE Machine Bits

Powermatic "E-Z" Bore Machine Bits are designed to permit easy boring of deep or shallow holes in all kinds of wood. Made from the finest tool steel expertly heat treated to produce keen, long lasting cutting edges. Length of pilot can be adjusted from flat bottom holes to $\frac{5}{8}$ " for straight alignment even when used with portable tools.



Pilot Drill
NOT included in
price of Cutterheads.

ORDERING INFORMATION

Cat. No.	Size	Cat. No.	Size
658	$\frac{5}{8}$ "	8214	$2\frac{1}{4}$ "
634	$\frac{3}{4}$ "	8238	$2\frac{3}{8}$ "
678	$\frac{7}{8}$ "	8212	$2\frac{1}{2}$ "
610	1"	8258	$2\frac{5}{8}$ "
*6514	$\frac{1}{4}$ " diameter	8234	$2\frac{3}{4}$ "
x $5\frac{1}{2}$ " drill to fit		8278	$2\frac{7}{8}$ "
any above Series		8300	3"
600 Cutters.		*7512	$\frac{1}{2}$ " diameter
7118	$1\frac{1}{8}$ "	x $5\frac{1}{2}$ " drill to fit	
7114	$1\frac{1}{4}$ "	any Series 700 or	
7138	$1\frac{3}{8}$ "	800 Round cutter-	
7112	$1\frac{1}{2}$ "	heads.	
7158	$1\frac{5}{8}$ "	Cutterheads in $\frac{1}{16}$	
7134	$1\frac{3}{4}$ "	sizes can be fur-	
7178	$1\frac{7}{8}$ "	nished at same	
8200	2"	price as next larger	
8218	$2\frac{1}{8}$ "	size, Plus \$1.00.	

Adjustable COUNTERSINK

All $\frac{1}{2}$ " O.D.

Cat. No.	Size
40	$\frac{1}{8}$ "
41	$\frac{5}{32}$ "
42	$\frac{3}{16}$ "
43	$\frac{7}{32}$ "
44	$\frac{1}{4}$ "
45	Set of five



COMBINATION COUNTERSINK & COUNTERBORES

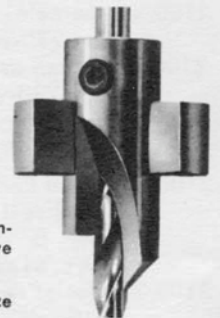
Flat Bottom Counterbore

Cat. No.	Drill Size
60	$\frac{1}{8}$ "
61	$\frac{5}{32}$ "
62	$\frac{3}{16}$ "
63	$\frac{7}{32}$ "
64	$\frac{1}{4}$ "
65	Set of 5



Combination Countersink- Counterbore

Cat. No.	Drill Size
50	$\frac{1}{8}$ "
51	$\frac{5}{32}$ "
52	$\frac{3}{16}$ "
53	$\frac{7}{32}$ "
54	$\frac{1}{4}$ "
55	Set of 5



STOP COLLAR—Special "CHIP CLEARING" Type (Permits unrestricted chip clearance when used with any of the above tools). May be ordered separately.

Catalog No.	I.D. Size	O.D. Size
46	$\frac{1}{2}$ "	1"

No. 75 Set

NOW, THE RIGHT TOOL AT YOUR FINGER TIPS! Remember how often you have wasted time (and patience) looking for that right-size countersink or counterbore? It's always at the very bottom of your tool kit or cabinet drawer . . . isn't it? Now you can say good-bye to these exasperating "treasure hunts." This new Powermatic Set serves up the right cutter at the right time . . . at your finger tips when you want it.



HOLLOW CHISELS AND BITS

Available for every specialized mortising application. Choose from $\frac{1}{4}$ ", $\frac{3}{8}$ " and $\frac{1}{2}$ " sizes.



OPERATING INSTRUCTIONS

AND

PARTS LIST

MODEL 1150—15" DRILL PRESS

SUGGESTIONS FOR ORDERING PARTS

1. Refer to the drawing for the assembly drawing.
2. Indicate the part name from the parts list.
3. Include BOTH the part's name and number on your order.
4. Include the model number, serial number and date of purchase of the machine.
5. PRINT your name and address on the order.

II. GENERAL SET-UP AND ALIGNMENT

FOR SERIAL NUMBERS FROM 0001 UP

Locate and check the following dimensions. See all general and special instructions. Read instructions thoroughly. Locate all lubricating points, adjustments and methods of their

alignment. Mount machine on solid foundation; concrete base mounting preferred. Locate in clean, dry and well ventilated building if possible. Motor and electrical connections should be protected when not in operation or if exposed to weather elements.

INSPECTION
The above machine requires the minimum amount of attention in service. Periodic or regular inspections are recommended to insure machine is in proper adjustment and with positive electrical connections; also to correct worn or loose belts and loose or heating bearings.

POWERMATIC, INC.

McMINNVILLE, TENNESSEE

MARCH, 1966

IV. OPERATING AND SAFETY SUGGESTIONS

1. Remove or fasten loose articles of clothing, such as necktie, sleeves, coat or jacket, etc.
2. Remove jewelry from hands.
3. Keep face shield or goggles nearby.
4. Always clamp work securely—do NOT hold material with hand while drilling.
5. Cut power off machine when servicing machine.
6. Use correct size drill and drill speed.
7. Properly ground the machine to the water pipe, radiator or general grounding system.
8. Do not remove metal shavings with hands. Use a long object to keep the table free from shavings.

SUGGESTIONS FOR ORDERING PARTS

1. Determine the part number from the assembly drawing.
2. Determine the part name from the parts list.
3. Include BOTH the part's name and number on your order.
4. Include the model number, serial number and date of purchase of the machine.
5. PRINT your name and address on the order.

II. GENERAL SET-UP AND ALIGNMENT

1. RECEIVING

Uncrate and check for shipping damage. Clean all coated and greased surfaces. Read instructions thoroughly. Locate all lubrication points, adjustments and methods of drive.

2. MOUNTING

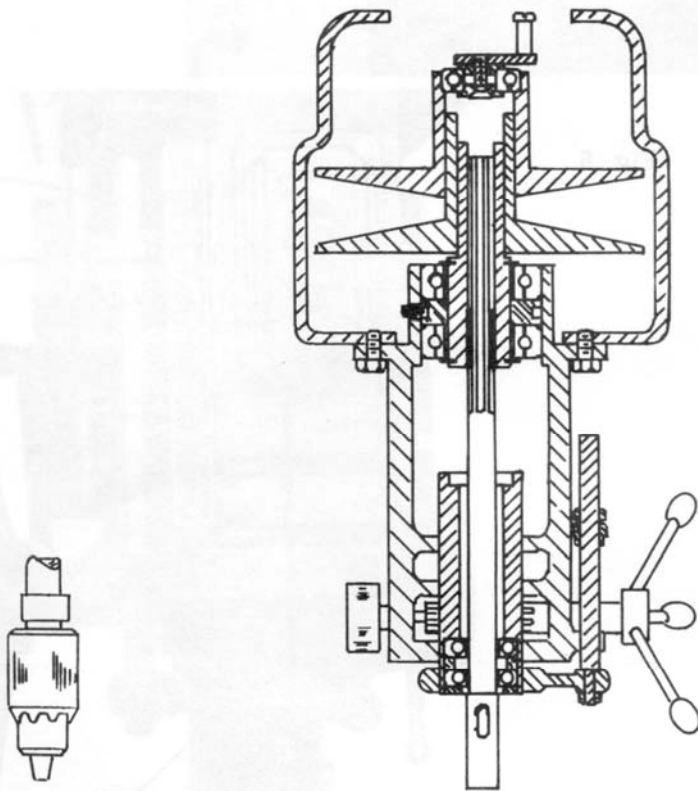
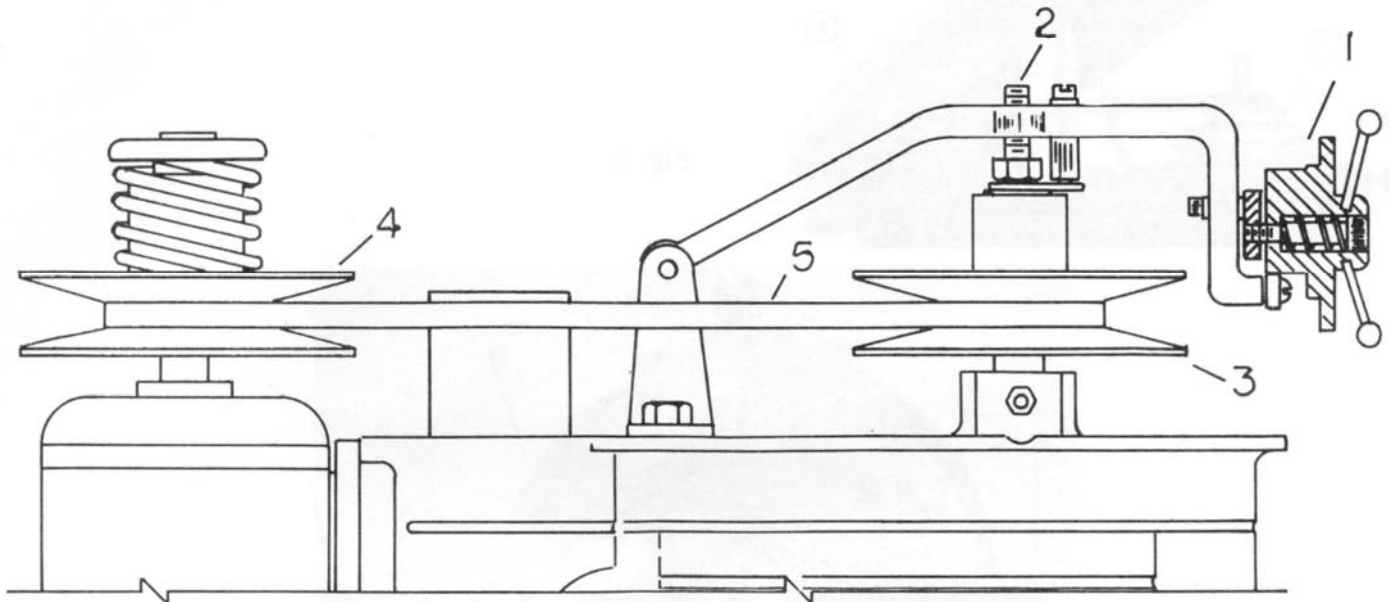
Mount machine securely to solid foundation; concrete base mounting preferred. Locate in clean, dry and well ventilated building if possible. Motor and electrical connections should be protected when not in operation or if exposed to weather elements.

3. INSPECTION

The above machine requires the minimum amount of attention in service. Periodic or regular inspections are recommended to insure machine is in proper adjustment and with positive electrical connections; also, to correct worn or loose belts and loose or heating bearings.

4. BEFORE OPERATING

Check motor nameplate data or wiring of motor and switch for proper voltage connection before wiring into line. Run motor without load to check the connections and direction of rotation. Always refer to motor nameplate for rotation connections.



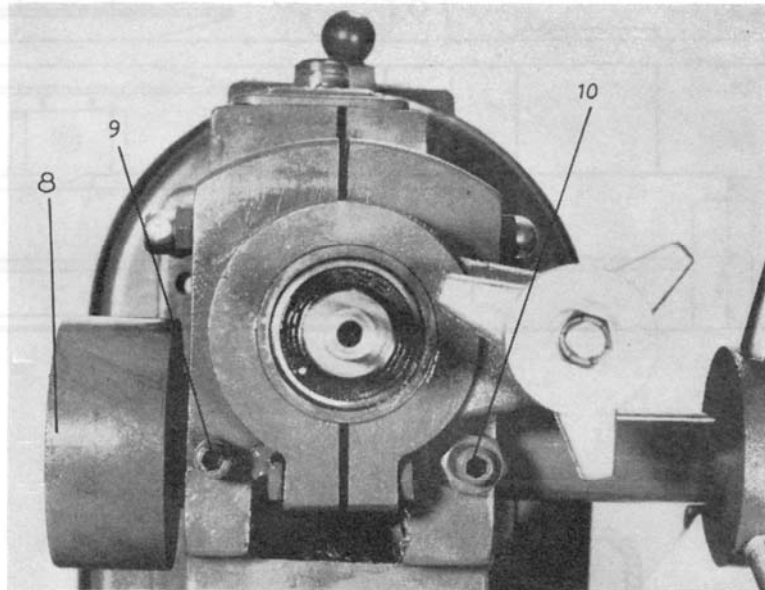
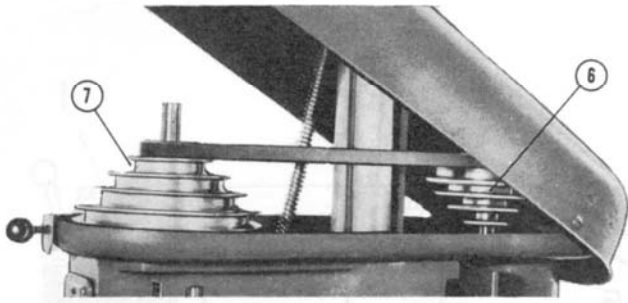


Fig. 5

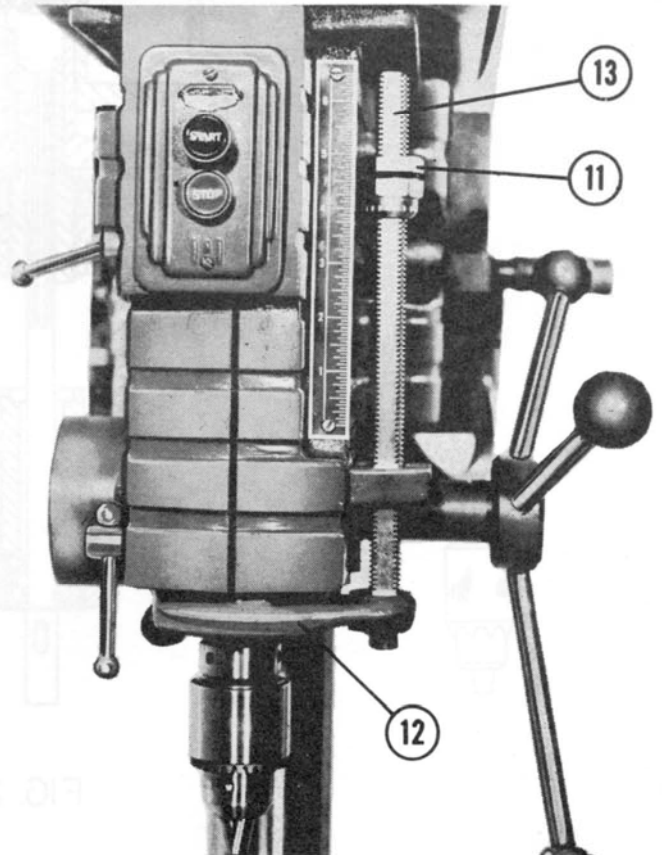
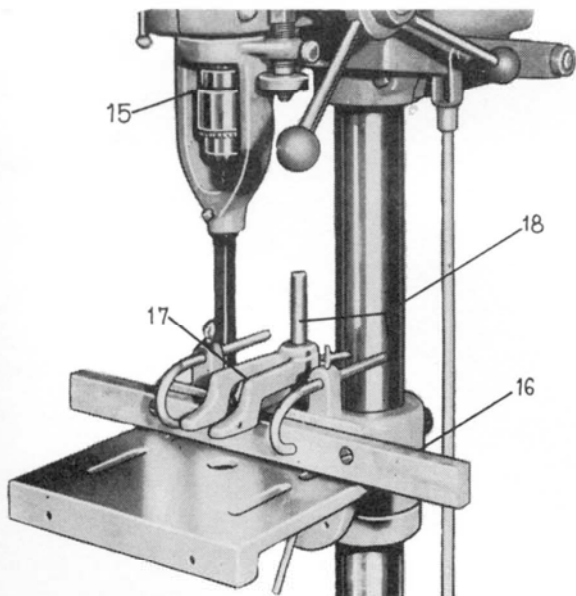


Fig. 6



III. OPERATING INSTRUCTIONS

STEP DRIVE ADJUSTMENT: Mount motor on motor base and slip motor step sheave (6) fig. 3 on shaft, small sheave toward bottom. Mount driven sheave (7) fig. 3 on quill spindle with small sheave on top. Place drive belt in top groove of each and level by adjusting motor sheave, tighten sheave with set screws. Set motor mount bars until belt has enough tension to keep from slipping under load.

VARIABLE DRIVE ADJUSTMENT: Variable speed is achieved by means of two variable speed sheaves, the motor, spring loaded (4) fig. 1, and the driven sheave (3) fig. 1, cam operated. Speed range is regulated by turning variable speed cam (1) fig. 1 to the right to increase speed and to the left to decrease speed. To adjust variable speed belt for maximum speed, start motor and turn speed dial cam to the left (slow speed) until cam is against stop. Adjust adjusting screw (2) fig. 1 until belt runs to outside of driven sheave (3) fig. 1 and to inside of motor sheave (4) fig. 1.

QUILL ASSEMBLY: To remove quill assembly, release spring (8) fig. 4 on rack pinion by loosening lock screw (9) fig. 4, permitting spring housing to turn slowly until spring tension is released. Loosen pinion lock screw (10) fig. 4. Remove lock depth stop (11) fig. 5. Hold quill assembly, remove the turret and pinion shaft and the entire quill assembly will slide out of the head.

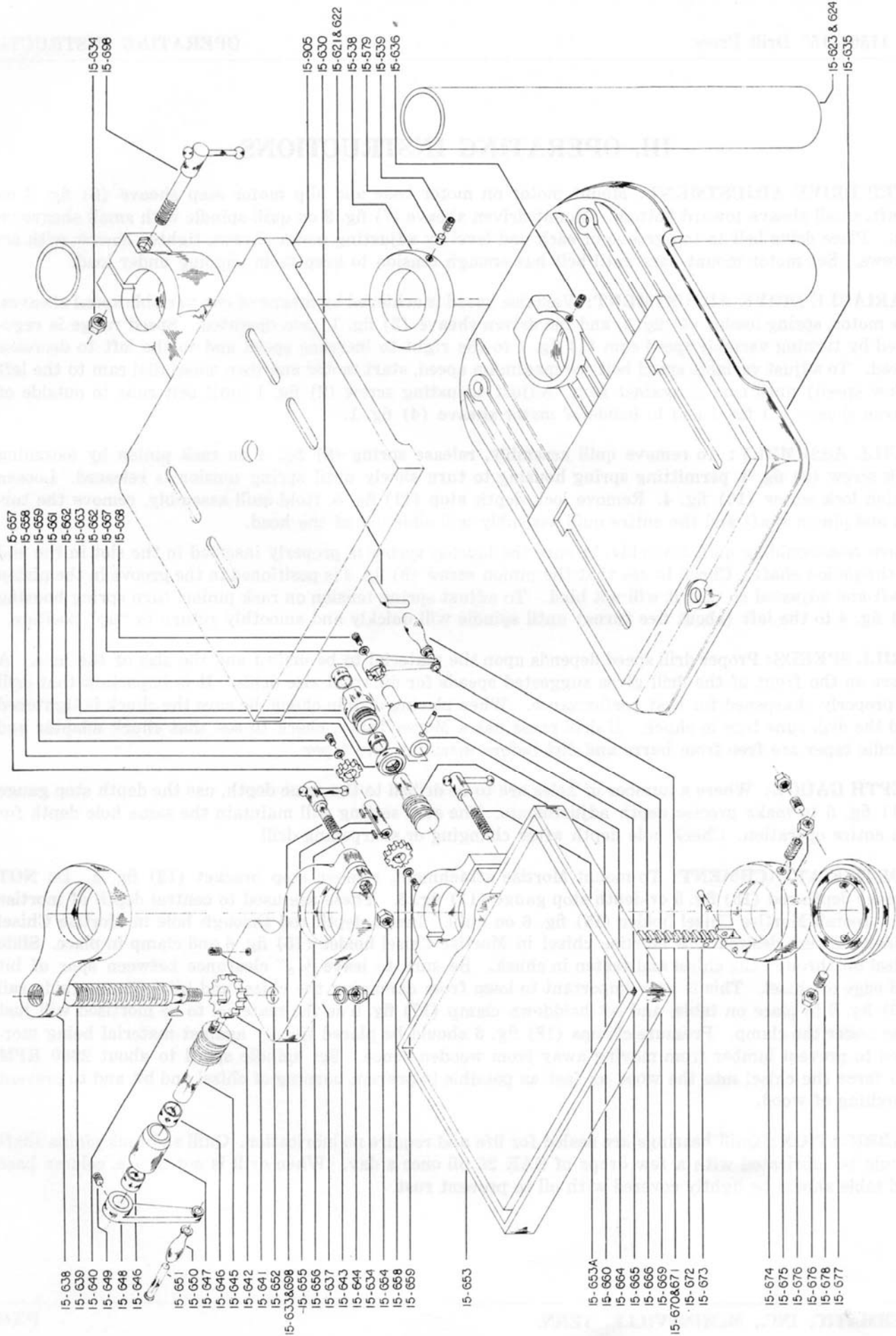
When re-assembling quill assembly, be sure the tension spring is properly inserted in the slot in the end of the pinion shaft. Check to see that the pinion screw (9) fig. 4 is positioned in the groove in the pinion shaft and adjusted so that it will not bind. To adjust spring tension on rack pinion, turn spring housing (8) fig. 4 to the left (about five turns) until spindle will quickly and smoothly return to "up" position.

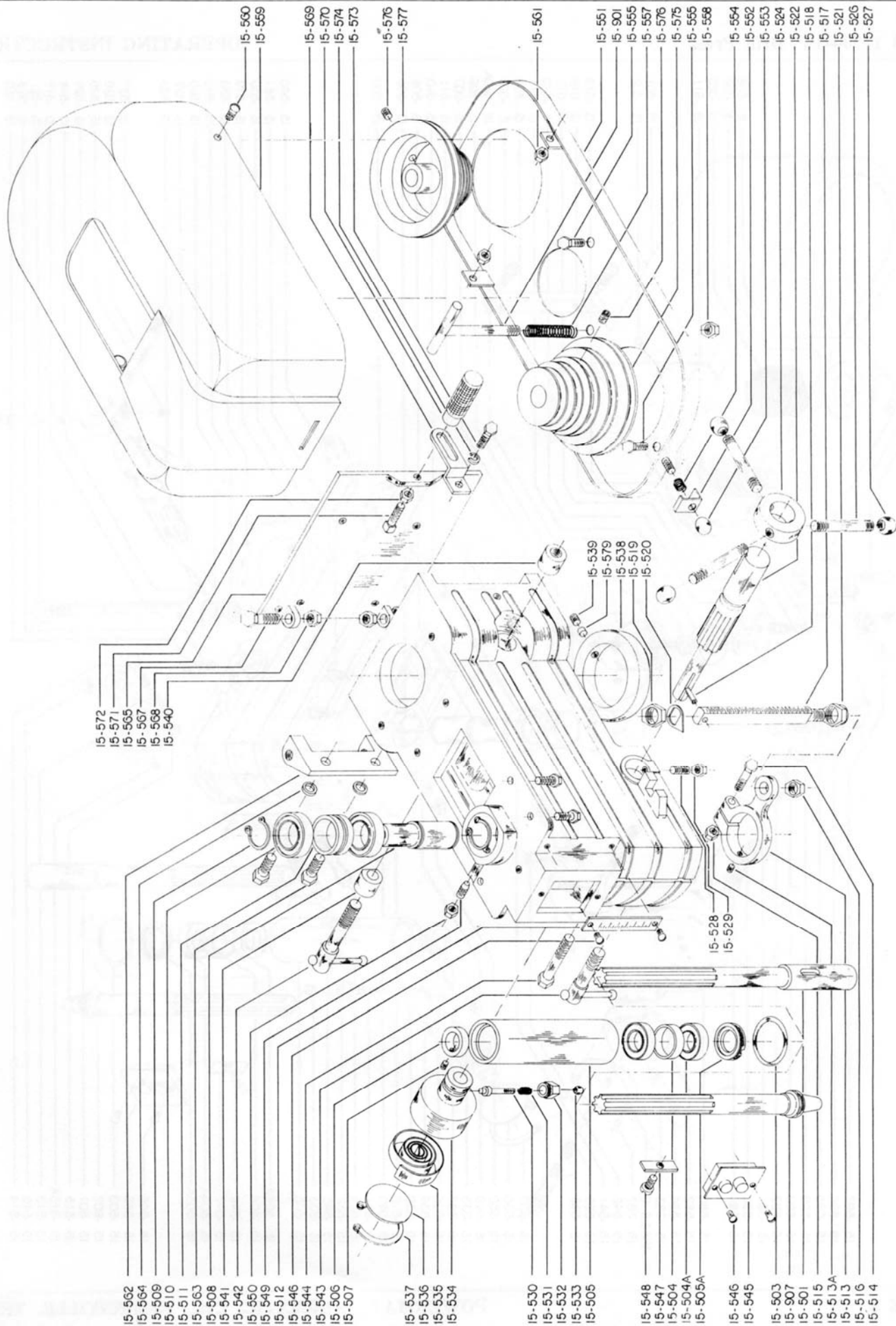
DRILL SPEEDS: Proper drill speed depends upon the material to be drilled and the size of the hole. A chart on the front of the drill gives suggested speeds for different size drills. It is important that drill be properly sharpened for best performance. When placing drill in chuck, be sure the chuck is tightened and the drill runs true in chuck. If drill press has a Morse Taper, check to see that chuck adapter and spindle taper are free from burrs and dirt before inserting into taper.

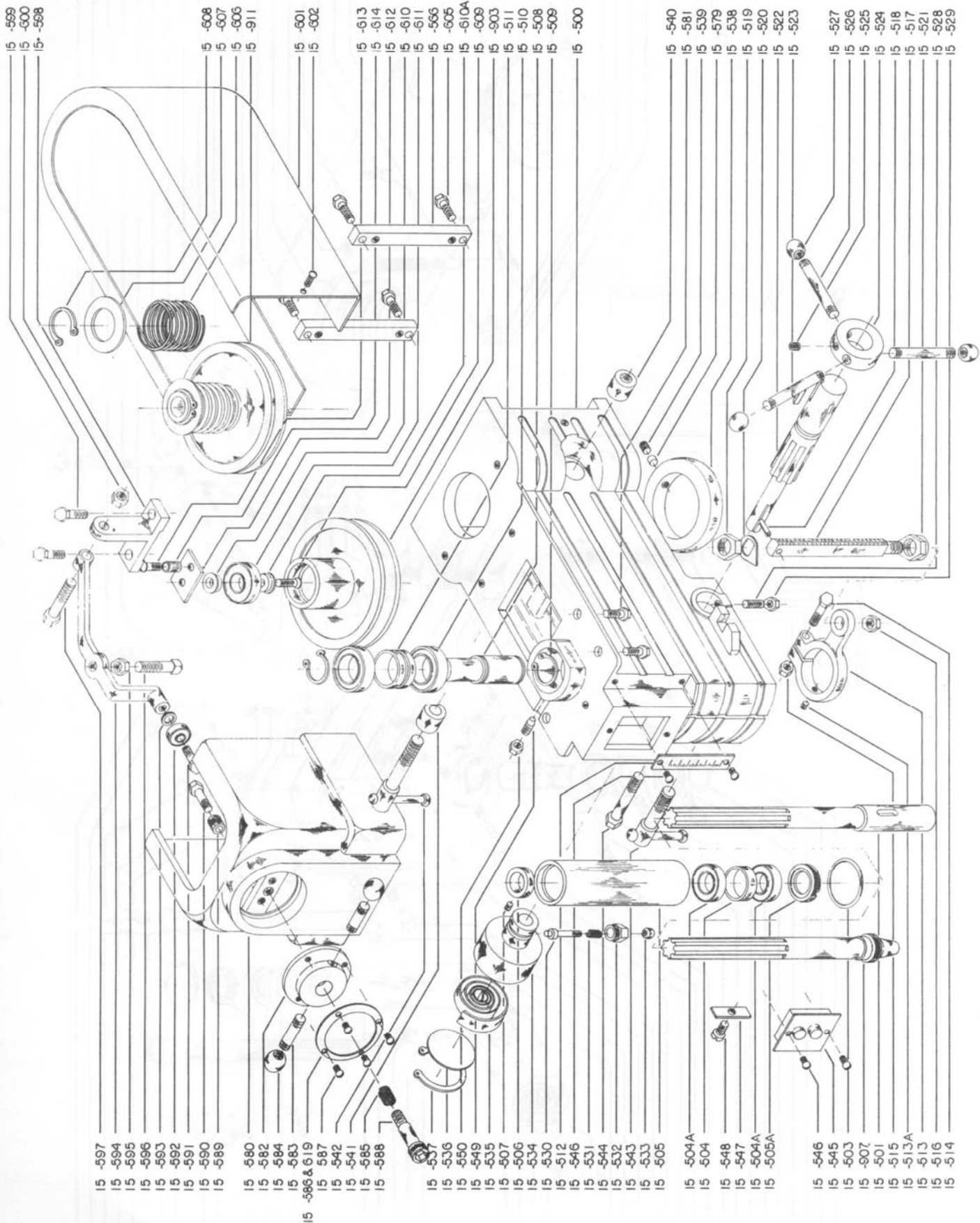
DEPTH GAUGE: Where a number of holes are to be drilled to the same depth, use the depth stop gauge (11) fig. 5 to make precise depth adjustments. The stop setting will maintain the same hole depth for the entire operation. Check hole depth after changing or sharpening drill.

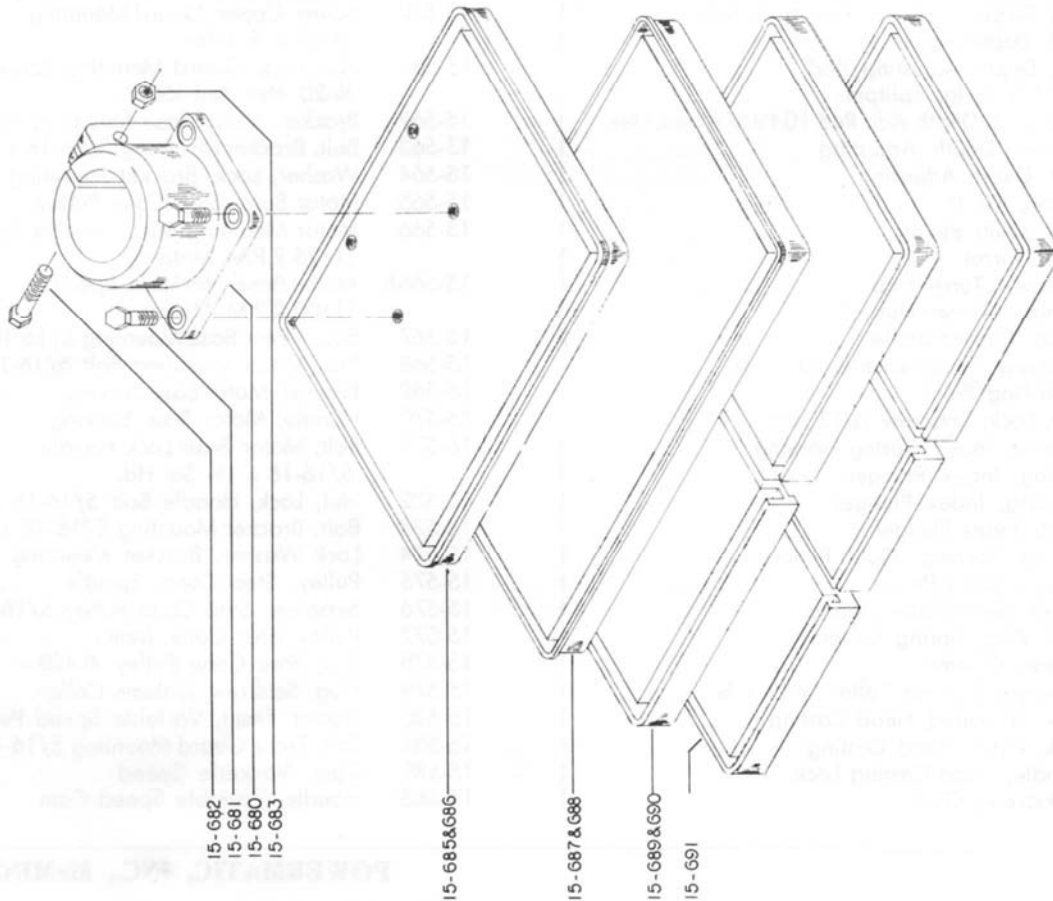
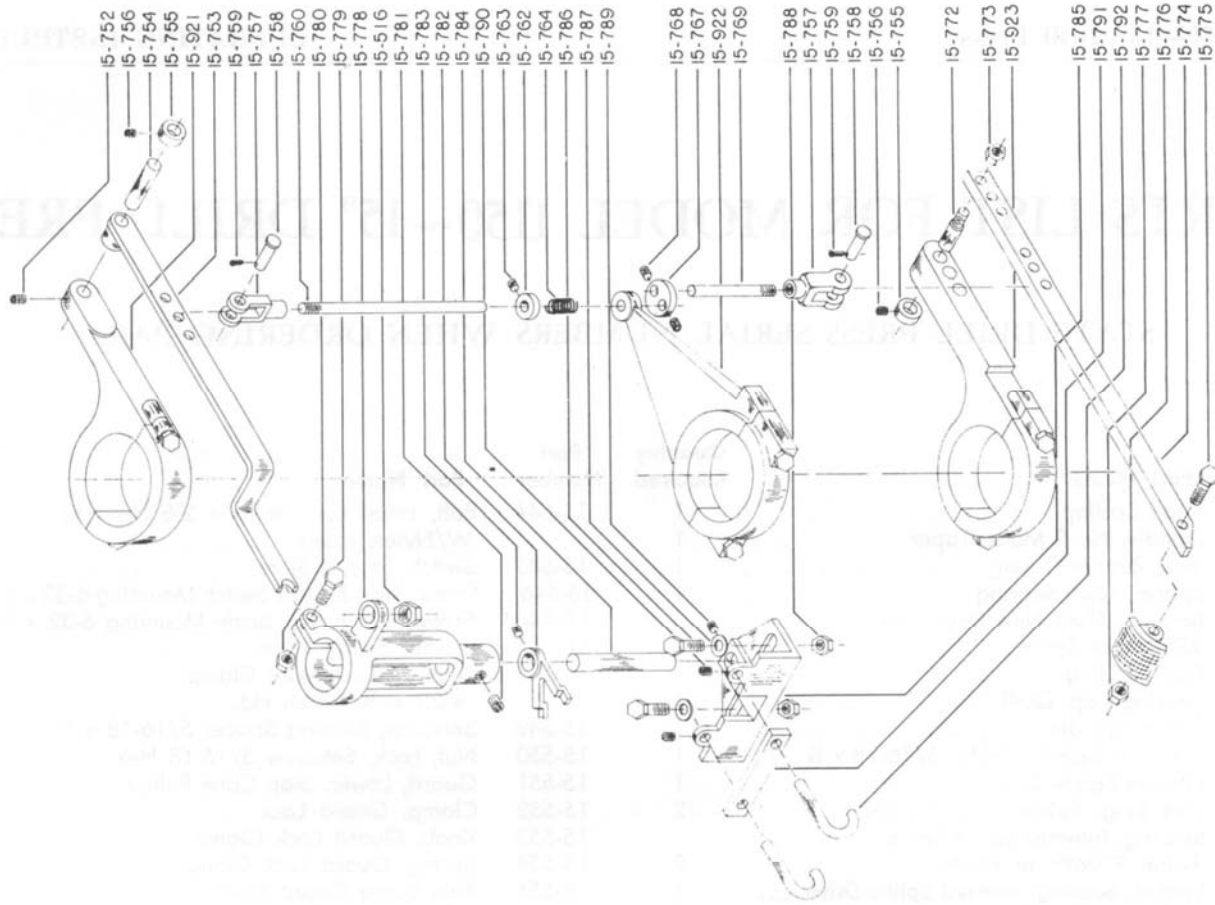
MORTISE ATTACHMENT: To mount Mortise attachment, remove stop bracket (12) fig. 5. Do NOT remove depth rod (13) fig. 5 or depth stop gauge (11) fig. 5. These are used to control depth of mortise cut. Install Mortise Chisel holder (15) fig. 6 on quill. Insert depth rod through hole in Mortise Chisel holder. Insert desired size mortise chisel in Mortise Chisel holder (15) fig. 6 and clamp in place. Slide chisel bit through the chisel and fasten in chuck. Be sure to leave $\frac{1}{16}$ " clearance between spur of bit and edge of chisel. This is very important to keep from damaging the chisel and bit. Clamp guide rail (16) fig. 6 in place on table, and set holddown clamp (17) fig. 6 so the material to be mortised will just pass under the clamp. Pressure clamps (18) fig. 6 should be placed tightly against material being mortised to prevent lumber from moving away from wooden fence. Set spindle speed to about 2800 RPM and force the chisel into the wood as fast as possible to prevent burning of chisel and bit and to prevent scorching of wood.

LUBRICATION: Quill bearings are sealed for life and require no lubrication. Quill and rack pinion shaft should be lubricated with a few drops of SAE 20 oil once a day. When drill is not in use, column base and table should be lightly covered with oil to prevent rust.









PARTS LIST FOR MODEL 1150—15" DRILL PRESS

STATE DRILL PRESS SERIAL NUMBERS WHEN ORDERING PARTS

Part Number	Part Name	Quantity Required	Part Number	Part Name	Quantity Required
15-500	Head Casting	1	15-544	Bolt, Head Lock $\frac{3}{8}$ -16 x 2½ Hex Hd W/Nylon Insert	1
15-501	Spindle, Nr. 2 Morse Taper	1	15-545	Switch, Stop & Start	1
15-503	Seal, Rubber O-Ring	1	15-546	Screw, Stop & Start Switch Mounting 6-32 x ½	2
15-504	Spacer, Quill Bearing	1	15-546A	Screw, Depth Adj. Scale Mounting 6-32 x ½	2
15-504A	Bearing, Quill New Departure Z99R12 or Equiv.	2	15-547	Clamp, Switch Wire	1
15-505	Quill, Sliding	1	15-548	Screw, Switch Wire Clamp ¼-20 x ¾ Button Hd	1
15-505A	Bearing Cap, Quill	1	15-549	Setscrew, Bearing Spacer 5/16-18 x 1"	1
15-506	Collar, Spindle	1	15-550	Nut, Lock, Setscrew 5/16-18 Hex	1
15-507	Setscrew, Spindle Collar 5/16-18 x ¼	1	15-551	Guard, Lower, Step Cone Pulley	1
15-508	Internal Spline Drive	1	15-552	Clamp, Guard Lock	1
15-509	Lock Ring, Spline Drive Bearing	2	15-553	Knob, Guard Lock Clamp	1
15-510	Bearing, Internal Spline Drive Fafnir 9106PP or Equiv.	2	15-554	Spring, Guard Lock Clamp	1
15-511	Spacer, Bearing, Internal Spline Drive	1	15-555	Bolt, Lower Guard Mounting 5/16-18 x ¾ Hex	3
15-512	Scale, Depth Adjusting	1	15-557	Spring, Guard Raising Guide Pin	1
15-513	Yoke, Quill	1	15-558	Nut, Guard Raising Guide Pin $\frac{3}{8}$ -16 Hex	1
15-514	Bolt, Quill Yoke 5/16-18 x 1¾ Hex Hd	1	15-559	Guard, Upper, Step Cone Pulley	1
15-515	Nut, Quill Yoke Bolt 5/16-18 Hex	1	15-560	Screw, Upper, Guard Mounting ¼-20 x ¾ Allen	2
15-516	Nut, Depth Adjusting Rod $\frac{3}{8}$ -24 Hex	1	15-561	Nut, Lock, Guard Mounting Screw ¼-20 Hex self-lock	2
15-517	Rod, Depth Adjusting	1	15-562	Bracket, Motor Base Mounting, Step Cone	1
15-518	Pin, Depth Adjusting Rod 3/16 x ½ lg. Splitpin	1	15-563	Bolt, Bracket Mounting 5/16-18 x ¾ Hex	2
15-519	Nut, Lock, Depth Adj. Rod 10 Pitch Acme, Hex	1	15-564	Washer, Lock, Bracket Mounting Bolt	2
15-520	Pointer, Depth Adjusting	1	15-565	Motor Base, Step Cone Pulley	1
15-521	Nut, Depth Adjusting	1	15-566	Motor Mounting Bar, Variable Speed (1725 R.P.M. Motor)	2
15-522	Pinion, Quill	1	15-566A	Motor Base, Variable Speed (1100 R.P.M. Motor)	1
15-523	Key, Quill Pinion	1	15-567	Bolt, Motor Base Mounting 5/16-18 x 1¼ Hex	2
15-524	Hub, Turret	1	15-568	Nut, Motor Mounting Bolt 5/16-18 Hex	2
15-525	Setscrew, Turret Hub	1	15-569	Bracket, Motor Base Locking	1
15-526	Handle, Turret Hub	3	15-570	Handle, Motor Base Locking	1
15-527	Knob, Turret Handle	3	15-571	Bolt, Motor Base Lock Handle 5/16-18 x 1¼ Sq. Hd.	1
15-528	Setscrew, Pinion Lock ½-13 x 1¼ Half-Dog Point	1	15-572	Nut, Lock, Handle Bolt 5/16-18 Hex	1
15-529	Nut, Lock, Setscrew ½-13 Hex	1	15-573	Bolt, Bracket Mounting 5/16-18 x ½ Hex Hd	1
15-530	Plunger, Index, Spring Housing	1	15-574	Lock Washer, Bracket Mounting Bolt	1
15-531	Spring, Index Plunger	1	15-575	Pulley, Step Cone, Spindle	1
15-532	Housing, Index Plunger	1	15-576	Setscrew, Step Cone Pulley 5/16-18 x 5/16	2
15-533	Knob, Index Plunger	1	15-577	Pulley, Step Cone, Motor	1
15-534	Spring Housing, Quill Pinion	1	15-578	Belt, Step Cone Pulley 4L450	1
15-535	Spring, Quill Pinion	1	15-579	Plug, Setscrew, Column Collar	1
15-536	Cover, Quill Pinion Spring	1	15-580	Guard, Front, Variable Speed Pulley	1
15-537	Lock Ring, Spring Cover	1	15-581	Bolt, Front Guard Mounting 5/16-18 x ¾ Hex	3
15-538	Collar, Column	1	15-582	Cam, Variable Speed	1
15-539	Setscrew, Column Collar ½-13 x ¾	1	15-583	Handle, Variable Speed Cam	2
15-540	Lock, Threaded, Head Casting	1			
15-541	Lock, Plain, Head Casting	1			
15-542	Handle, Head Casting Lock	1			
15-543	Lockscrew, Quill	1			

Part Number	Part Name	Quantity Required	Part Number	Part Name	Quantity Required
15-584	Knob, Cam Handle	2	15-647	Housing, Pinion	1
15-585	Spring, Variable Speed Cam	1	15-648	Handle, Head Raising	1
15-586	Dial, Variable Speed Cam, High Speed	1	15-649	Setscrew, Handle 5/16-18 x 1/4	1
15-587	Screw, Dial Mounting 6-32 x 1/4 Button Hd	4	15-650	Knob, Head Raising Handle	1
15-588	Bolt, Variable Speed Cam Mounting	1	15-651	Pin, Knob Mounting	1
15-589	Rubber Bushing, Variable Speed Arm	2	15-652	Setscrew, Pinion Housing 3/8-16 x 3/8	1
15-590	Bolt, Rubber Bushing Mounting 3/8-16 Hex	2	15-653	Table, Production	1
15-591	Screw, Variable Speed Arm Bear. Mounting 5/16-18 x 1	1	15-653A	Lock, Table	1
15-592	Bearing, Variable Speed Arm Fafnir 38PP or Equiv.	1	15-654	Gear, Spur, Table Raising	1
15-593	Washer, Variable Speed Arm Bearing	1	15-655	Shaft, Gear, Table Raising	1
15-594	Variable Speed Arm	1	15-656	Key, Gear Shaft	2
15-595	Nut, Speed Adjusting Bolt 3/8-16 Hex	1	15-657	Gear, Worm, Table Raising	1
15-596	Bolt, Speed Adjusting Variable Speed Arm 3/8-16 Hex	1	15-658	Washer, Gear Shaft Mounting Screw	2
15-597	Bolt, Variable Speed Arm Mounting 3/8-16 x 1 1/2 Hex	1	15-659	Screw, Gear Shaft Mounting 5/16-18 x 3/4 Button Hd	2
15-598	Bracket, Variable Speed Arm Mounting	1	15-660	Pinion, Worm Gear	1
15-599	Bolt, Mounting Bracket 5/16-18 x 1 Hex Hd	2	15-661	Bearing, Pressure, Pinion Nice 605 or Equiv.	1
15-600	Nut, Variable Speed Arm Mounting Bolt 3/8-16 Hex	1	15-662	Bushing, Pinion, Johnson 284GP or Equiv.	2
15-601	Guard, Rear, Variable Speed Pulley	1	15-663	Nut, Pinion	1
15-602	Screw, Rear Guard Mounting 1/4-20 x 3/8 Button Hd	2	15-664	Shaft, Pinion, Table Raising	1
15-603	Pad, Rear Guard, (Leather)	2	15-665	Pin, Pinion Shaft Lock 1/4 x 7/8 Splitpin	1
15-604	Screw, Pad Mounting 5/16-18 x 1/2 Hex Hd	2	15-666	Pin, Pinion Shaft Handle Lock 1/4 x 1 1/2 Splitpin	1
15-605	Bolt, Motor Mounting Bar 5/16-18 x 1 Hex Hd	4	15-667	Washer, Handle Mounting Screw	1
15-606	Spring, Variable Speed Motor Pulley	1	15-668	Screw, Handle Mounting 5/16-18 x 3/4 Button Hd	1
15-607	Cap, Spring Retainer	1	15-669	Handle, Pinion Shaft	1
15-608	Lock Ring, Spring Retainer Cap	1	15-670	Knob, Handle	1
15-609	Screw, Bearing Cap Mounting	1	15-671	Pin, Knob Mounting	1
15-610	Bearing Plug, Plain	1	15-672	Rack, Gear, Table Raising	1
15-611	Bearing, Variable Speed Pulley MRC 204 SZZ or Equiv.	1	15-673	Pin, Gear Rack Mounting	1
15-612	Bearing Plate, Variable Speed Pulley	1	15-674	Cap, Thrust Bearing Collar	1
15-613	Screw, Rubber Spacer, 1/4-20 Button Hd	1	15-675	Setscrew, Thrust Bearing Collar Cap 5/16-18	2
15-614	Spacer, Rubber, Bearing Plate	1	15-676	Nut, Lock, Setscrew 5/16-18 Hex	2
15-619	Dial, Variable Speed, Low Speed	1	15-677	Collar, Thrust Bearing	1
15-620	Belt, Variable Speed Pulley	1	15-678	Setscrew, Thrust Bearing Collar 3/8-16	2
15-621	Column, Floor Model 3/8 Wall	1	15-680	Bracket, Column Mounting, Multiple Spindle Tables	1
15-622	Column, Floor Model 3/16 Wall	1	15-681	Bolt, Bracket Mounting 7/16-14 Hex Hd	4
15-623	Column, Bench Model 3/8 Wall	1	15-682	Bolt, Column Mounting Bracket, Clamp 7/16-14 Hex Hd	1
15-624	Column, Bench Model 3/16 Wall	1	15-683	Nut, Clamp Bolt 7/16-14 Hex	1
15-630	Pin, Locating, Tilting Table	1	15-685	Table, Single Spindle	1
15-631	Dial, Tilting Table	1	15-686	Table, Two Spindle	1
15-632	Screw, Dial Mounting 6-32 x 1/2 Button Hd	2	15-687	Table, Three Spindle	1
15-633	Handle, Lock	1	15-688	Table, Four Spindle	1
15-634	Nut, Lock Handle 1/2-13 Hex	1	15-689	Table, Five Spindle (2 Pieces)	1
15-635	Base, Drill Press	1	15-690	Table, Six Spindle (2 Pieces)	1
15-636	Setscrew, Base 1/2-13 x 3/8	1	15-691	Table, Eight Spindle (3 Pieces)	1
15-637	Bracket, Lower, Head Raising	1	15-692	5 Speed Range Plate, Step Cone Pulley	1
15-638	Bracket, Upper, Head Raising	1	15-693	Table, Utility	1
15-639	Screw, Head Raising	1	15-694	Sleeve, Plain, Utility Table, Lock	1
15-640	Key, Head Raising Screw, Woodruff #606	1	15-695	Sleeve, Threaded, Utility Table, Lock	1
15-641	Worm Gear, Head Raising	1	15-696	Bracket, Magnetic Switch, Variable Speed	1
15-642	Setscrew, Worm Gear 1/4-20 x 1/4	1	15-697	Bracket, Magnetic Switch, Step Cone	1
15-643	Spacer, Head Raising Screw	1	15-698	Lockscrew, Utility Table	1
15-644	Nut, Lock, Head Raising Screw 1/2-20 Hex	1	15-901	Guard Raising Spring Guide Pin Assembly	1
15-645	Pinion, Worm Gear	1	15-903	Variable Speed Spindle Pulley Assembly	1
15-646	Bushing, Pinion, Johnson 284GP or Equiv.	2	15-905	Tilting Table Assembly	1
			15-907	Screw Chuck Spindle Assembly	1
			15-911	Variable Speed Motor Pulley Assembly, (Complete)	1

MORTISE ATTACHMENT

Part Number	Part Name	Quantity Required	Part Number	Part Name	Quantity Required
15-752	Setscrew, Upper Feed Arm Pin Locking 5/16-18	1	15-777	Nut, Pedal Mounting Bolt 1/2-13 Hex	1
15-753	Feed Arm, Upper	1	15-778	Bracket, Chisel Mounting	1
15-754	Pin, Upper Feed Arm	1	15-779	Bolt, Chisel Bracket Mounting 5/16-18 Hex	1
15-755	Collar, Upper Feed Arm Pin & Pedal Arm	2	15-780	Nut, Bracket Mounting Bolt 5/16 Hex	1
15-756	Setscrew, Collar 5/16-18 x 5/16	1	15-781	Setscrew, Chisel Bracket 5/16-18	1
15-757	Clevis, Feed Rod	2	15-782	Holddown Finger	1
15-758	Pin, Clevis	2	15-783	Setscrew, Holddown Finger 5/16-18 x 5/16	1
15-759	Cotter Key, Clevis Pin	2	15-784	Rod, Holddown Finger Mounting	1
15-760	Rod, Upper, Feed Operating	1	15-785	Bracket, Holddown Base	1
15-762	Collar, Spring	1	15-786	Bolt, Holddown Base Bracket Mounting	2
15-763	Setscrew, Spring Collar 5/16-18	1	15-787	Washer, Mounting Bolt	2
15-764	Spring	1	15-788	Nut, Mounting Bolt	2
15-767	Coupling, Upper & Lower Feed Rods	1	15-789	Setscrew, Finger Mounting Rod 5/16-18 x 5/16	1
15-768	Setscrew, Coupling 5/16-18 x 5/16	2	15-790	Setscrew, Clamp 5/16-18 x 5/16	2
15-769	Rod, Lower, Feed Operating	1	15-791	Board, Back-Up	1
15-772	Pin, Foot Lever	1	15-792	Clamp	2
15-773	Nut, Foot Lever Pin 1/2-13 Hex	1			
15-774	Lever, Foot Pedal	1	15-921	Upper Mounting Bracket Assembly	1
15-775	Bolt, Foot Pedal Mounting 1/2-13 Hex Hd	1	15-922	Spring Mounting Bracket Assembly	1
15-776	Foot Pedal	1	15-923	Lower Mounting Bracket Assembly	1

PARTS PRICE LIST FOR MODEL 1150-15" DRILL PRESS

(EFFECTIVE MARCH, 1965)

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>NO.</u>	<u>PRICE</u>
15-500	Head Casting	1	21.50
15-501	Spindle, Nr. 2 Morse Taper	1	9.00
15-503	Seal, Rubber O-Ring	1	.25
15-504	Spacer, Quill Bearing	1	1.00
15-504A	Bearing, Quill New Departure Z99R12 or Equiv.	2	2.50 Each
15-505	Quill, Sliding	1	7.50
15-505A	Bearing Cap, Quill	1	1.00
15-506	Collar, Spindle	1	1.00
15-507	Setscrew, Spindle Collar 5/16-18 x 1/4	1	.15
15-508	Internal Spline Drive	1	4.50
15-509	Lock Ring, Spline Drive Bearing	2	.25 Each
15-510	Bearing, Internal Spline Drive Fafnir 9106PP or Equiv.	2	2.50 Each
15-511	Spacer, Bearing, Internal Spline Drive	1	2.00
15-512	Scale, Depth Adjusting	1	1.00
15-513	Yoke, Quill	1	1.50
15-514	Bolt, Quill Yoke 5/16-18 x 1 3/4 Hex Hd.	1	.30
15-515	Nut, Quill Yoke Bolt 5/16-18 Hex	1	.15
15-516	Nut, Depth Adjusting Rod 3/8-24 Hex	1	.25
15-517	Rod, Depth Adjusting	1	2.25
15-518	Pin, Depth Adjusting Rod 3/16 x 1/2 Lg. Split-pin	1	.25
15-519	Nut, lock, depth adju. rod 10 pitch acme, hex	1	.35
15-520	Pointer, Depth Adjusting	1	.25
15-521	Nut, depth adjusting	1	.60
15-522	Pinion, quill	1	4.50
15-523	Key, quill pinion	1	.15
15-524	Hub, turret	1	2.00
15-525	Setscrew, turret hub	1	.15
15-526	Handle, turret hub	3	.75 Each
15-527	Knob, turret handle	3	.50 Each
15-528	Setscrew, pinion lock 1/2-13 x 1 1/4 half-dog point	1	.15
15-529	Nut, lock setscrew 1/2-13 hex	1	.15
15-534	Spring housing, quill pinion	1	2.00
15-535	Spring, quill pinion	1	2.25
15-536	Cover, quill pinion spring	1	.50
15-537	Lock ring, spring cover	1	.25
15-538	Collar, column	1	1.50
15-539	Setscrew, Column Collar 1/2-13 x 3/4	1	.15
15-540	Lock, threaded, head casting	1	.75
15-541	Lock, plain, head casting	1	.50
15-542	Handle, head casting lock	1	1.15

(EFFECTIVE MARCH, 1965)

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>NO.</u>	<u>PRICE</u>
15-543	Lockscrew, quill	1	.40
15-544	Bolt, head lock 3/8-16 x 2 1/2 hex hd. W/Nylon insert	1	.60
15-545	Switch, stop & start		
15-546	Screw, stop & start switch mounting 6-32 x 1/2	2	
15-546A	Screw, Depth Adj. scale mounting 6-32 x 1/2	2	.15 Each
15-547	Clamp, switch wire	1	.20
15-548	Screw, switch wire clamp 1/4-20 x 3/4 Button hd.	1	.15
15-549	Setscrew, bearing spacer 5/16-18 x 1"	1	.20
15-550	Nut, lock, setscrew 5/16-18 hex	1	.15
15-551	Guard, lower, step cone pulley	1	7.50
15-552	Clamp, guard lock	1	.40
15-553	Knob, guard lock clamp	1	.35
15-554	Spring, guard lock clamp	1	.15
15-555	Bolt, lower guard mounting 5/16-18 x 5/8 hex	3	.20 Each
15-557	Spring, guard raising guide pin	1	.40
15-558	Nut, guard raising guide pin 3/8-16 hex	1	.20
15-559	Guard, upper, step cone pulley	1	10.50
15-560	Screw, upper, guard mounting	2	.15 Each
15-561	Nut, lock, guard mounting screw 1/4-20 Hex self-lock	2	.15 Each
15-562	Bracket, motor base mounting, step cone	1	1.50
15-563	Bolt, bracket mounting 5/16-18 x 3/4 hex	2	.35 Each
15-564	Washer, lock, bracket mounting bolt	2	.15 Each
15-565	Motor Base, step cone pulley	1	3.50
15-566	Motor mounting bar, variable speed (1725 R.P.M. Motor)	2	.75 Each
15-566A	Motor base, variable speed (1100 R.P.M. Motor)	1	1.75
15-567	Bolt, Motor base mounting 5/16-18 x 1 1/4 hex	2	.25 Each
15-568	Nut, motor mounting bolt 5/16-18 hex	2	.15 Each
15-569	Bracket, motor base locking	1	1.00
15-570	Handle, motor base locking	1	1.00
15-571	Bolt, motor base lock handle 5/16-18 x 1 1/4 Sq. Hd.	1	.25
15-572	Nut, lock, handle bolt 5/16-18 hex	1	.15
15-573	Bolt, bracket mounting 5/16-18 x 1/2 hex hd.	1	.15
15-574	Lock Washer, bracket mounting bolt	1	.15
15-575	Pulley, step cone, spindle	1	8.50
15-576	Setscrew, step cone pulley 5/16-18 x 5/16	2	.15 Each
15-577	Pulley, step cone, motor	1	8.50
15-578	Belt, step cone pulley 4L450	1	3.25
15-579	Plug, setscrew, column collar	1	.15
15-580	Guard, front, variable speed pulley	1	8.50
15-581	Bolt, front guard mounting 5/16-18 x 3/4 hex	3	.20 Each

PARTS PRICE LIST FOR MODEL 1150-15" DRILL PRESS

(EFFECTIVE MARCH, 1965)

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>NO.</u>	<u>PRICE</u>
15-582	Cam, variable speed	1	2.00
15-583	Handle, variable speed cam	2	.25 Each
15-584	Knob, cam handle	2	.25 Each
15-585	Spring, variable speed cam	1	.40
15-586	Dial, variable speed cam, high speed	1	..75
15-587	Screw, dial mounting 6-32 x $\frac{1}{4}$ Button hd.	4	.15 Each
15-588	Bolt, variable speed cam mounting	1	.25
15-589	Rubber Bushing, variable speed arm	2	.20 Each
15-590	Bolt, rubber bushing mounting 3/8-16 hex	2	.20 Each
15-591	Screw, variable speed arm bear. mounting 5/16-18 x 1	1	.40
15-592	Bearing, var. speed arm, Fafnir 38PP orequiv.	1	1.25
15-593	Washer, variable speed arm bearing	1	.10
15-594	Variable speed arm	1	2.00
15-595	Nut, speed adjusting bolt 3/8-16 hex	1	.15
15-596	Bolt, speed adjusting variable speed arm 3/8-16 hex	1	.20
15-597	Bolt, var. speed arm mounting 3/8-16 x $1\frac{1}{2}$ hex	1	.25
15-598	Bracket, variable speed arm mounting	1	1.00
15-599	Bolt, mounting bracket 5/16-18 x 1 hex hd.	2	.20 Each
15-600	Nut, variable speed arm mounting bolt 3/8-16 hex	1	.15
15-601	Guard, rear, variable speed pulley	1	4.50
15-602	Screw, rear guard mounting $\frac{1}{4}$ -20 x 5/8 Button hd.	2	.15 Each
15-603	Pad, rear guard, (leather)	2	.20 Each
15-604	Screw, pad mounting 5/16-18 x $\frac{1}{2}$ hex hd.	2	.20 Each
15-605	Bolt, motor mounting bar 5/16-18 x 1 hex hd.	4	.15 Each
15-606	Spring, variable speed motor pulley	1	3.00
15-607	Cap, spring retainer	1	.75
15-608	Lock ring, spring retainer cap	1	.25
15-609	Screw, bearing cap mounting	1	.25
15-610	Bearing plug, plain	1	.35
15-611	Bearing, var. speed pulley MRC 204 SZZ or Equiv.	1	2.50
15-612	Bearing plate, variable speed pulley	1	.50
15-613	Screw, rubber spacer, $\frac{1}{4}$ -20 button hd.	1	.15
15-614	Spacer, rubber, bearing plate	1	.25
15-619	Dial, variable speed, low speed	1	.75
15-620	Belt, variable speed pulley	1	6.50
15-622	Column, floor model, 3" dia.	1	15.00
15-624	Column, bench model, 3" dia.	1	4.75
15-630	Pin, locating, tilting table	1	.25
15-631	Dial, tilting table	1	.50
15-632	Screw, dial mounting 6-32 x $\frac{1}{2}$ button hd.	2	.15 Each

(EFFECTIVE MARCH, 1965)

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>NO.</u>	<u>PRICE</u>
15-633	Handle, lock	1	.75
15-634	Nut, lock handle $\frac{1}{2}$ -13 hex	1	.15
15-635	Base, drill press	1	20.00
15-636	Setscrew, base $\frac{1}{2}$ -13 x 3/8	1	.15
15-637	Bracket, lower, head raising	1	3.25
15-638	Bracket, upper, head raising	1	2.00
15-639	Screw, head raising	1	2.00
15-640	Key, head raising screw, woodruff #606	1	.20
15-641	Worm gear, head raising	1	3.00
15-642	Setscrew, worm gear $\frac{1}{4}$ -20 x $\frac{1}{4}$	1	.15
15-643	Spacer, head raising screw	1	.60
15-644	Nut, lock, head raising screw $\frac{1}{2}$ -20 hex	1	.25
15-645	Pinion, worm gear	1	3.00
15-646	Bushing, pinion, johnson 284GP or Equiv.	2	.40 Each
15-647	Housing, pinion	1	2.00
15-648	Handle, head raising	1	.75
15-649	Setscrew, handle 5/16-18 x $\frac{1}{4}$	1	.15
15-650	Knob, head raising handle	1	.50
15-651	Pin, knob mounting	1	.20
15-652	Setscrew, pinion housing 3/8-16 x 3/8	1	.20
15-653	Table, production	1	35.00
15-653A	Lock, table	1	1.50
15-654	Gear, spur, table raising	1	2.75
15-655	Shaft, gear, table raising	1	1.00
15-656	Key, gear shaft	2	.15 Each
15-657	Gear, worm, table raising	1	3.00
15-658	Washer, gear shaft mounting screw	2	.15 Each
15-659	Screw, gear shaft mounting 5/16-18 x 3/4 button hd.	2	.15 Each
15-660	Pinion, worm gear	1	2.50
15-661	Bearing, pressure, pinion nice 605 or equiv.	1	1.00
15-662	Bushing, pinion, johnson 284GP or Equiv.	2	.40 Each
15-663	Nut, pinion	1	.25
15-664	Shaft, pinion, table raising	1	1.00
15-665	Pin, pinion shaft lock $\frac{1}{4}$ x 7/8 Splitpin	1	.15
15-666	Pin, pinion shaft handle lock $\frac{1}{4}$ x $1\frac{1}{2}$ splitpin	1	.15
15-667	Washer, handle mounting screw	1	.15
15-668	Screw, handle mounting 5/16-18 x 3/4 button hd.	1	.15
15-669	Handle, pinion shaft	1	.75
15-670	Knob, handle	1	.50
15-671	Pin, knob mounting	1	.20
15-672	Rack, gear table raising	1	2.00
15-673	Pin, gear rack mounting	1	.15

(EFFECTIVE MARCH, 1965)

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>NO.</u>	<u>PRICE</u>
15-674	Cap, thrust bearing collar	1	1.75
15-675	Setscrew, thrust bearing collar cap 5/16-18	2	.15 Each
15-676	Nut, lock, setscrew 5/16-18 hex	2	.15 Each
15-677	Collar, thrust bearing	1	2.75
15-678	Setscrew, thrust bearing collar 3/8-16	2	.15
15-680	Bracket, column mounting, multiple Spindle tables	1	6.50
15-681	Bolt, bracket mounting 7/16-14 hex hd.	4	.15 Each
15-682	Bolt, column mounting bracket, clamp 7/16-14 hex hd.	1	.25
15-683	Nut, clamp bolt 7/16-14 hex	1	.15
15-685	Table, single spindle	1	15.00
15-686	Table, two spindle	1	110.00
15-687	Table, three spindle	1	225.00
15-688	Table, four spindle	1	225.00
15-689	Table, five spindle (2 pieces)	1	320.00
15-690	Table, six spindle (2 pieces)	1	320.00
15-691	Table, eight spindle (3 pieces)	1	430.00
15-692	5 speed range plate, step cone pulley	1	
15-693	Table, utility	1	10.50
15-694	Sleeve, plain, utility table, lock	1	.60
15-695	Sleeve, threaded, utility table, lock	1	.75
15-696	Bracket, magnetic switch, variable speed	1	
15-697	Bracket, magnetic switch, step cone	1	
15-698	Lockscrew, utility table	1	.30
15-901	Guard raising spring guide pin assembly	1	.75
15-903	Variable speed spindle pulley assembly	1	
15-905	Tilting table assembly	1	18.00
15-907	Screw chuck spindle assembly	1	8.50
15-911	Variable speed motor pulley assembly, (Complete)	1	21.50

MORTISE ATTACHMENT

15-752	Setscrew, upper feed arm pin locking 5/16-18	1	.15
15-753	Feed arm, upper	1	1.00
15-754	Pin, upper feed arm	1	.40
15-755	Collar, upper feed arm pin & pedal arm	2	.40 Each
15-756	Setscrew, collar 5/16-18 x 5/16	1	.15
15-757	Clevis, feed rod	2	1.00 Each
15-758	Pin, clevis	2	.30 Each
15-759	Cotter key, clevis pin	2	.15 Each
15-760	Rod, upper, feed operating	1	1.20
15-762	Collar, spring	1	.60

PARTS PRICE LIST FOR MODEL 1150-15" DRILL PRESS

(EFFECTIVE MARCH, 1965)

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>NO.</u>	<u>PRICE</u>
15-763	Setscrew, spring collar 5/16-18	1	.15
15-764	Spring	1	.40
15-767	Coupling, upper & lower feed rods	1	.50
15-768	Setscrew, coupling 5/16-18 x 5/16	2	.15 Each
15-769	Rod, lower, feed operating	1	.50
15-772	Pin, foot lever	1	.50
15-773	Nut, foot lever pin $\frac{1}{2}$ -13 hex	1	.15
15-774	Lever, foot pedal	1	1.75
15-775	Bolt, foot pedal mounting $\frac{1}{2}$ -13 hex hd.	1	.20
15-776	Foot pedal	1	.75
15-777	Nut, pedal mounting bolt $\frac{1}{2}$ -13 hex	1	.15
15-778	Bracket, chisel mounting	1	2.50
15-779	Bolt, chisel bracket mounting 5/16-18 hex	1	.25
15-780	Nut, bracket mounting bolt 5/16 hex	1	.15
15-781	Setscrew, chisel bracket 5/16-18	1	.15
15-782	Holddown finger	1	.90
15-783	Setscrew, holddown finger 5/16-18 x 5/16	1	.15
15-784	Rod, holddown finger mounting	1	.40
15-785	Bracket, holddown base	1	1.00
15-786	Bolt, holddown base bracket mounting	2	.15 Each
15-787	Washer, mounting bolt	2	.15 Each
15-788	Nut, mounting bolt	2	.15 Each
15-789	Setscrew, finger mounting rod 5/16-18 x 5/16	1	.15
15-790	Setscrew, clamp 5/16-18 x 5/16	2	.25 Each
15-791	Board, back-up	1	.40
15-792	Clamp	2	.40 Each
15-921	Upper mounting bracket assembly	1	
15-922	Spring mounting bracket assembly	1	
15-923	Lower mounting bracket assembly	1	

MINIMUM CHARGE OF \$1.50 ON ALL PARTS ORDERS.