

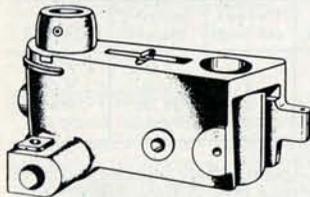
14-INCH SOUTH BEND *Precision* MODEL DRILL PRESS

South Bend's 14" Drill Press is the only drill press in its size and price range with a Patented Design Rack Type Depth Gauge completely integrated with the quill. Designed to eliminate spindle and small drill deflection. Depth stop is direct reading, in thousandths of an inch. Not just an ordinary drill press—but a Precision Engineered Machine Tool for extremely accurate work.

A built-in light with independent switch provides shadowless illumination on the work area, eliminating the necessity of installing a separate lighting fixture. A quick-acting belt tension release lever simplifies speed changes and returns the vertical mounted motor to its original position after each change, thus maintaining the same belt tension for each of the four cone pulley steps.

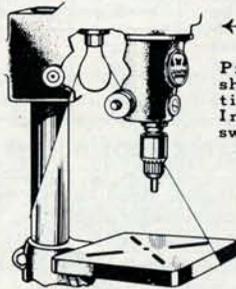
SPECIFICATIONS

| | |
|--|--------------------------|
| Maximum drill size in iron or steel | 1/2" |
| Drills to center of | 14 1/4" circle |
| Net weight, bench type, less motor | 130 lbs. |
| Net weight, floor type, less motor | 165 lbs. |
| Chuck capacity | 0 to 1/2" |
| Spindle Speeds: | |
| With 1725 r.p.m. motor, four, approx. | 720 to 4325 r.p.m. |
| With 1140 r.p.m. motor, four, approx. | 480 to 2885 r.p.m. |
| With 1725 r.p.m. motor and multi-speed attachment, (see page 88) twelve, approx. | 380 to 8010 r.p.m. |
| With 1140 r.p.m. motor and multi-speed attachment, (see page 88) twelve, approx. | 255 to 5340 r.p.m. |
| Spindle travel, maximum | 4" |
| Spindle run out, maximum |001" |
| Spindle, square with table within |002" in 5" |
| Chuck to base, maximum, bench type | 16" |
| Chuck to base, maximum, floor type | 45 1/4" |
| Chuck to table, maximum, bench type | 11 3/8" |
| Chuck to table, maximum, floor type | 40 3/4" |
| Base, work surface, bench type | 7" x 10" |
| Base, work surface, floor type | 8" x 12" |
| Table, work surface | 10" x 10" |
| Table tilt | Any angle |
| Column diameter | 2.730" |
| Motor, size recommended | 1/3 or 1/2 h.p. |



ONE-PIECE HEAD CASTING

Insures accurate alignment. Heavy, rigid construction. Internal clutch locks the head to column. Column bearing is NOT split.

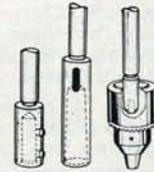
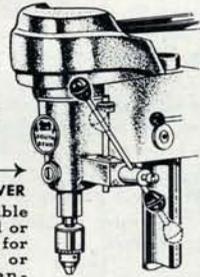


BUILT-IN LIGHT

Provides shielded, shadowless illumination on work area. Independent on-off switch is built-in.

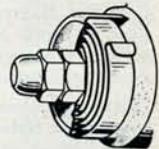
ADJUSTABLE FEED LEVER

Feed lever is adjustable and can be centered or extended as desired for increased leverage or for greater convenience.



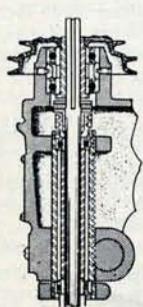
INTERCHANGEABLE SPINDLES

Spindles available to take No. 2 Morse taper shank tools, and for 1/2" straight shank tools, router bits, shaper cutters.



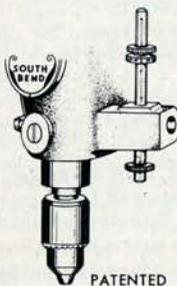
ADJUSTABLE QUILL RETURN SPRING

Retracts quill instantly. Feather touch sensitivity of the quill by adjustment of tension spring.



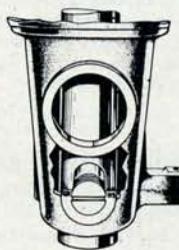
FOUR PRECISION BALL BEARINGS

Two on spindle, two on drive sleeve. Prelubricated and sealed precision type, no oiling required.



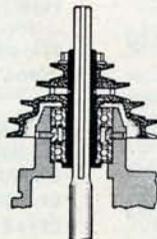
RACK TYPE DEPTH GAUGE

Works as an integral part of quill. Eliminates spindle deflection. Graduated in thousandths.



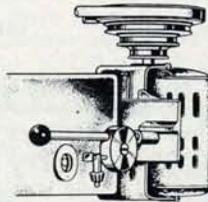
QUILL SHOE ADJUSTMENT

Shoe-type take-up provides feather-touch tension and secure locking. Quill bearing is NOT split.



FREE-FLOATING SPINDLE

Design prevents misalignment, side thrust and whip. Precision splines in spindle and sleeve.



BELT TENSION RELEASE

Flip of lever removes tension from belt for easy speed changes. Proper belt tension maintained.

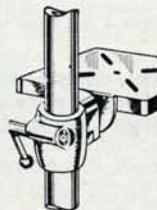
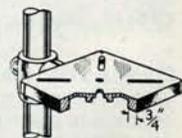


TABLE LOCK

Internal clutch securely locks table to column. Eliminates misalignment. Column bearing is NOT split.



PRECISION TABLE HAS WIDE CLAMPING RIB

Table has accurately ground work surface. Heavy rib 3/4" wide strengthens table and provides flat surface underneath for clamping work securely to table.



Precision MODEL 14-INCH BENCH DRILL PRESS

Perfectly proportioned for mounting on any substantial work bench, table, or machine stand, this is one of our most popular drill presses. Base has bolt holes for securing to bench, and precision ground work surface with two slots for clamping. Maximum distance between base and chuck is 16" and between table and chuck is 11 ³/₈". See preceding page for other specifications and features.

The free-floating spindle design prevents misalignment, side thrust, and whip. Two precision ball bearings carry the drive sleeve and two additional ball bearings carry the spindle, which is spline driven. All ball bearings pre-lubricated and sealed, require no oiling. Rack type depth gage integrated with the quill, eliminates spindle and small drill deflection.

Regular equipment supplied with each Precision Model Bench Drill Press includes motor base, balanced motor pulley, balanced spindle pulley, V-belt, built-in work light, wiring in drill press head, spindle equipment as indicated in table, switch for work light, and switch for single phase motor when specified, but does not include motor. See page 88 for drill press motors.

PRECISION MODEL BENCH DRILL PRESSES

| Catalog Number | Spindle Equipment | Cubic Feet Boxed | Boxed Weight Pounds | Crated Weight Pounds | Price |
|----------------|--------------------------|------------------|---------------------|----------------------|-------|
| CD400B | 1/2" Jacobs Key Chuck | 9 | 255 | 190 | \$140 |
| CD414B | No. 2 Morse Taper Socket | 9 | 255 | 190 | 134 |



Precision MODEL 14-INCH FLOOR DRILL PRESS

Except for the tall column and large base for floor mounting, this is the same as the bench drill press shown at the left. Base is heavily constructed and of ample size to provide substantial support. Precision ground work surface on base has two slots for clamp bolts. Maximum distance between base and chuck is 45 ¹/₄" and between table and chuck is 40 ³/₄". For other specifications and features see preceding page.

The full tilt type table, with 10" x 10" precision ground top surface, has slots for clamping fixtures or work. An improved type of internal clutch binder is provided for locking the table quickly in any position on the column. The edge of the table has a heavy flange with a 3/4" flat underneath for clamping.

Regular equipment supplied with each Precision Model Floor Drill Press includes motor base, balanced motor pulley, balanced spindle pulley, V-belt, built-in work light, wiring in drill press head, spindle equipment as indicated in table, switch for work light, and switch for single phase motor when specified, but does not include motor. See page 88 for drill press motors.

PRECISION MODEL FLOOR DRILL PRESSES

| Catalog Number | Spindle Equipment | Cubic Feet Boxed | Boxed Weight Pounds | Crated Weight Pounds | Price |
|----------------|--------------------------|------------------|---------------------|----------------------|-------|
| CD400F | 1/2" Jacobs Key Chuck | 19 | 365 | 235 | \$162 |
| CD414F | No. 2 Morse Taper Socket | 19 | 365 | 235 | 156 |

Note: If ordered less motor, specify voltage, phase, and cycle of motor to be used.

Precision MODEL SINGLE AND MULTIPLE SPINDLE DRILL PRESSES FOR PRODUCTION OPERATIONS

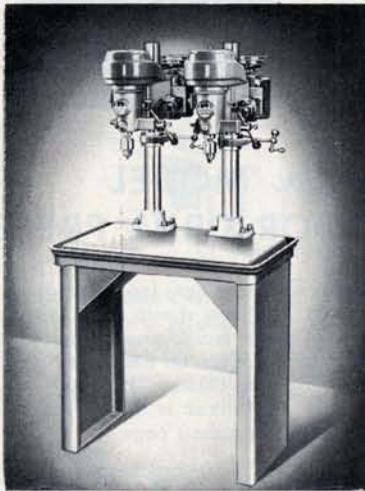
Much time can be saved on production drill press work by using one of these multiple spindle models so that two or more operations can be performed in rapid sequence. Each spindle can be adjusted independently to the correct position and speed for most convenient and efficient operation.

These drill presses consist of our standard 14" Precision Model drill press heads mounted on heavy, accurately machined work tables having large coolant return grooves. Either bench mounting (not illustrated) or heavy welded steel floor legs for floor installation as illustrated, can be supplied.

Drill press heads have the New Patented Design Rack Type Depth Gage, completely eliminating spindle and small drill deflection due to depth gage pressure.

The drill press spindles can be supplied with either 1/2" Jacobs key type chucks or with taper sockets to receive tools with No. 2 Morse taper shanks. Coolant pump and reservoir, multi-speed attachment, and other attachments and accessories can be supplied and are illustrated and described on pages 86 to 88 inclusive.

Regular equipment supplied with each drill press head includes: head positioning mechanism, spindle equipment as indicated in table below, motor base, motor pulley, V-belt, built-in work light, wiring and toggle switches. Motors and remote control equipment are not included. (See page 88.) If drill press is ordered without motors, specify voltage, phase and cycle of motors to be used so correct wiring can be supplied in drill press head.



| With 1/2" Jacobs Chucks | | With No. 2 M.T. Sockets | | Number of Spindles | Table Work Surface | Between Column Centers | Over-all Size | | | Cubic Feet Boxed | Boxed Weight Pounds | Crated Weight Pounds |
|--|-------|-------------------------|-------|--------------------|--------------------|------------------------|---------------|-------|----------|------------------|---------------------|----------------------|
| Cat. No. | Price | Cat. No. | Price | | | | Width | Depth | Height | | | |
| Floor Model Drill Presses for Production Operations | | | | | | | | | | | | |
| CD451F | \$277 | CD491F | \$271 | 1 | 13 7/8" x 15 3/4" | ... | 20" | 33" | 68 1/2" | 22 | 475 | 375 |
| CD452F | 532 | CD492F | 521 | 2 | 14" x 28 3/4" | 13" | 33 1/8" | 33" | 69 3/4" | 34 | 725 | 628 |
| CD453F | 825 | CD493F | 809 | 3 | 14" x 55" | 19" | 59 1/2" | 33" | 70 1/4" | 57 | 1185 | 1065 |
| CD454F | 949 | CD494F | 927 | 4 | 14" x 55" | 13" | 59 1/2" | 33" | 70 1/4" | 57 | 1320 | 1200 |
| Bench Model Drill Presses for Production Operations | | | | | | | | | | | | |
| CD451B | \$218 | CD491B | \$212 | 1 | 13 7/8" x 15 3/4" | ... | 20" | 33" | 37 3/8" | 22 | 393 | 293 |
| CD452B | 464 | CD492B | 454 | 2 | 14" x 28 3/4" | 13" | 33 1/8" | 33" | 38 7/8" | 34 | 645 | 546 |
| CD453B | 687 | CD493B | 669 | 3 | 14" x 55" | 19" | 59 1/2" | 33" | 38 1/16" | 57 | 1065 | 902 |
| CD454B | 847 | CD494B | 824 | 4 | 14" x 55" | 13" | 59 1/2" | 33" | 38 1/16" | 57 | 1200 | 1035 |

SOUTH BEND 14" DRILL PRESS

MULTIPLE SPINDLE — SECTIONAL TABLE MODELS

Carefully designed and engineered to provide a Precision Drill Press with maximum strength and minimum weight. Table castings have rigid ribbed construction and legs are reinforced welded steel, equipped with adjustable table leveling mechanism. From single unit to multiple spindle by adding necessary components. No limit to number of stations that can be assembled.

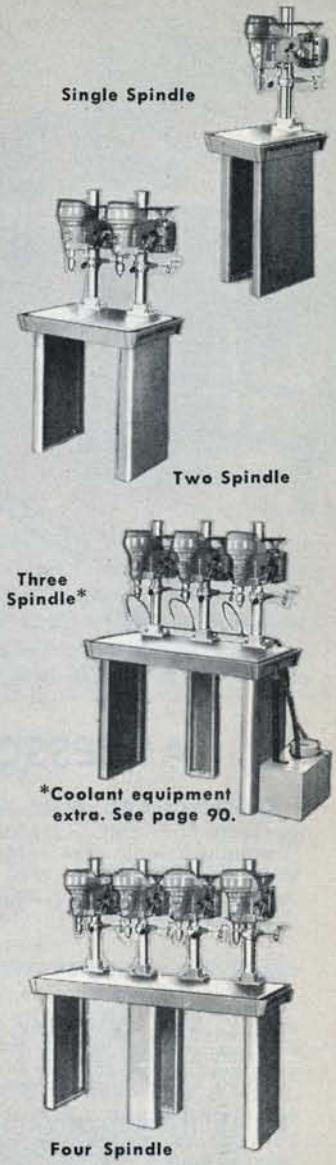


TABLE shows equipment recommended for various set-ups.

| * No. of SPINDLES | Table Section CD552 | Table Ends CD555 | End Legs CD554 | Inner Leg CD553 | Head and Column Assembly — 1/2" Jacobs Chuck or #2 M.T. Socket |
|-------------------|---------------------|------------------|----------------|-----------------|--|
| 1 SPINDLE | 1 | 2 | 2 | — | 1 |
| 2 SPINDLE | 2 | 2 | 2 | — | 2 |
| 3 SPINDLE | 3 | 2 | 2 | 1 | 3 |
| 4 SPINDLE | 4 | 2 | 2 | 2 | 4 |
| 5 SPINDLE | 5 | 2 | 2 | 3 | 5 |
| 6 SPINDLE | 6 | 2 | 2 | 4 | 6 |
| 7 SPINDLE | 7 | 2 | 2 | 5 | 7 |
| 8 SPINDLE | 8 | 2 | 2 | 6 | 8 |

*Sectional Production Drill Presses are shipped knocked down, ready for assembly.

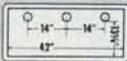
(Requires approx. 1 hour per head for assembly.)

Components can be added as needed to make up any length production drill press.

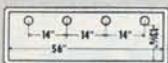
Note: If heavy duty work is continually being done on the Drill Press, additional inner legs may be added.



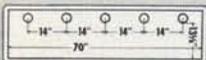
2 SPINDLE SECTIONAL TABLE



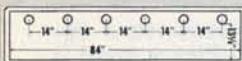
3 SPINDLE SECTIONAL TABLE



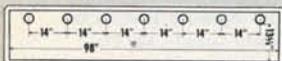
4 SPINDLE SECTIONAL TABLE



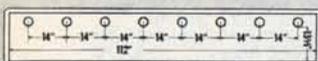
5 SPINDLE SECTIONAL TABLE



6 SPINDLE SECTIONAL TABLE

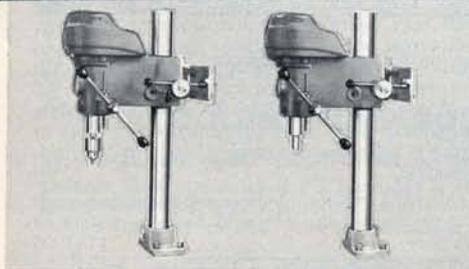


7 SPINDLE SECTIONAL TABLE



8 SPINDLE SECTIONAL TABLE

MAKE UP YOUR OWN PRODUCTION DRILL PRESS EQUIPMENT WITH THESE LOW COST COMPONENTS



HEAD AND COLUMN ASSEMBLIES

Regular equipment with each head assembly includes a Precision Model Drill Press Head, with motor base, motor pulley, V-belt, built-in work light, wiring, toggle switches (switches not included when three phase motor is used) motor not included. (See page 88 for control equipment for 2 and 3 phase motors). Column assembly includes column and column support assembled plus cap screws for attaching to table. If ordered without motor, specify voltage, phase and cycle of motor to be used so correct wiring can be supplied in drill press head.

CD556. Precision Head Assembly with 1/2" Jacobs Key Chuck. Price f.o.b. \$115.00

CD557. Precision Head Assembly with #2 M.T. Socket. Price f.o.b. 110.00

CD558. Column Assembly. Price f.o.b. 22.80

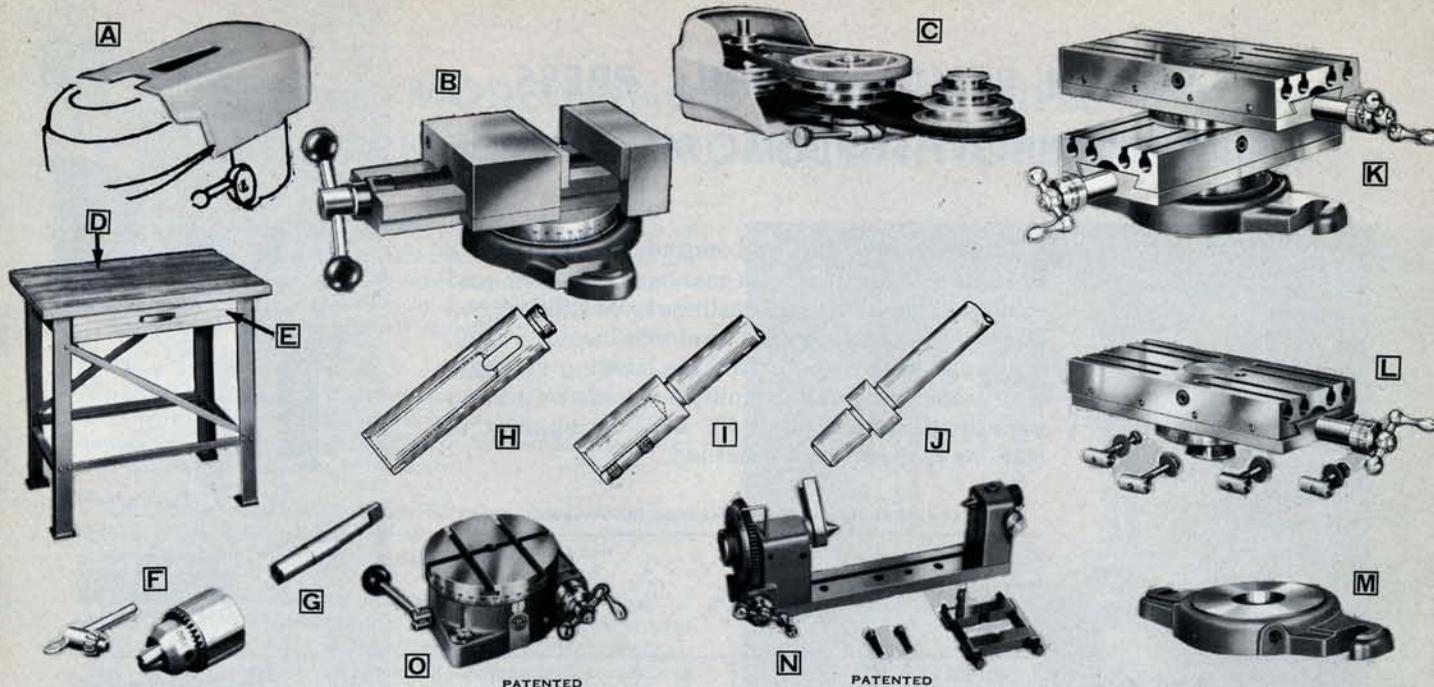
A TABLE SECTION. Each Table Section for production drill press is 14" wide, 21 1/4" long, 4 1/2" thick. Designed for strength with minimum weight. Connecting bolts and leveling mechanism, wrenches and instructions for assembling included with each table section. CD552. Production Drill Press Table Section. . . . \$44.50

B TABLE ENDS. These table ends attach to the drill press table section (see A). Has coolant return grooves to match those of the drill press table. Drilled and tapped for coolant pipe. Table end is 2" wide, 21 1/4" long and same height as table. Pipe plug and hardware for attaching is included. CD555. Table End. Price each. \$12.05

C END LEGS. The end legs for the production drill press are made of heavy gauge reinforced steel. Modern in design and shape, with steel reinforcing at top and bottom of each leg. Leg is drilled and tapped for attaching to drill press table. Two adjustable leveling bushings and pads plus hardware for attaching to table is included with each leg. Leg approx. 30" long, 17" wide. CD554. End Leg. Price each. \$37.45

D INNER LEGS. Inner legs are constructed the same as the end legs. Heavy reinforced welded steel, drilled and tapped for attaching to drill press table. Included with inner leg is one adjustable leveling bushing and pad plus hardware for attaching to table of drill press. Inner leg is approximately 30" long, 6" wide. CD553. Inner Leg. Price each. \$20.95





ACCESSORIES FOR SOUTH BEND DRILL PRESSES

A BELT GUARD. This belt guard provides complete enclosure for V-belt. Guard is hinged and may be raised for changing spindle speeds. May be used with or without Multi-Speed Attachment.

CD9136. Belt Guard for use with Precision Model Drill Press. Shipping weight 16 lbs. Price **\$15.45**

B SWIVEL MACHINE VISE for holding work on drill press table, milling machine, shaper, etc. Swivel is graduated 180° to permit setting vise at any angle with slots in table. Hardened and replaceable jaws are 4" wide and 1" deep. Maximum jaw opening is 4".

CE9100. Swivel Drill Press Vise. Ship. wt. 18 lbs. Price **\$29.75**

C MULTI-SPEED ATTACHMENT. The Multi-Speed Attachment for the South Bend 14" Precision Model Drill Press provides twelve spindle speeds 380 to 8010 r.p.m. with 1725 r.p.m. motor or 255 to 5340 r.p.m. with 1140 r.p.m. motor. The attachment consists of an eccentric spindle, which is mounted in the drill press column to support a 4-step auxiliary cone pulley with two V-belts.

Price includes eccentric spindle, 4-step cone pulley and two V-belts. Shipping weight 8 pounds.

CD9135A. For 1/3 h.p. or 1/2 h.p. NEMA No. 56 frame motor. Price f.o.b. factory **\$18.65**

CD9135B. For 1/2 h.p. NEMA No. 66 frame motor. Price **\$18.65**

Note: This attachment cannot be used with Head Positioning Attachment.

D WOOD TOP MACHINE STAND. This is a heavily constructed angle steel stand 29 3/8" high for mounting the drill press, bench shaper, or for other small machines. The glued wood top is 20" x 32" and is 1 3/8" thick. Steel parts are finished in gray enamel. Shipping weight 52 pounds.

CE9141. Wood Top Machine Stand (less drawer). Price **\$27.25**

E DRAWER FOR MACHINE STAND. Handy for keeping small tools, wrenches, etc. Finished to match stand CE9141. Drawer is 20 1/8" wide, 14" long, 3 3/8" deep. Price includes metal pull and wood slides. Shipping weight 9 pounds.

CE1780D. Drawer for use with Machine Stand. Price **\$9.05**

F CHUCK AND ARBOR FOR DRILL PRESS. This drill chuck and arbor are recommended for use with drill presses having spindles with No. 2 Morse taper.

CE1201. Jacobs 3-jaw smooth body drill chuck, 0 to 1/2" capacity with pinion key. Shipping weight 2 3/8 pounds. Price **\$11.40**

CE9110. No. 2 Morse taper shank arbor with tang, for fitting chuck No. CE1201 to drill press spindle No. CD 9125. Shipping weight 3/4 pound. Price f.o.b. factory **\$2.20**

H EXTRA SPINDLES FOR DRILL PRESSES. Extra spindles are interchangeable with regular drill press spindles supplied with either the Single or Multiple Spindle Precision Model Drill Presses.

CD9125. Spindle "H" with No. 2 Morse taper hole for holding taper shank tools. Drift included. Ship. wt. 3 pounds. Price **\$9.90**

CD9128. Spindle with No. 3 Morse taper hole for holding taper shank tools. Drift included. Shipping weight 5 pounds. Price **\$14.10**

CD9126. Utility spindle "I" with 1/2" x 1 3/8" deep straight hole for holding routing tools, etc. Shipping weight 3 pounds. Price **\$7.70**

CD9127. Spindle "J" with short taper for 1/2" Drill Chuck No. CE1201. (Jacobs No. 34.) Shipping weight 2 pounds. Price **\$5.60**

K UNIVERSAL TABLE. Both upper and lower slides have graduated swivels and may be turned through full 360°. Slides can be used without graduated swivels to reduce height if desired. They can be positioned at any angle with each other and may be turned individually or together. Each slide has feed screw with micrometer collar reading in thousandths of an inch. Dovetails are equipped with full length gibs for take-up. The precision ground work surface is 4" x 8 7/8" and maximum travel is 4" for either slide. Table has four slots for clamping work. Clamp bolts fit snugly into round slots in such a way that there is little danger of breaking out or otherwise damaging the slots.

CE9156. Universal Table "K" complete with base, two slides, two graduated swivels, and eight clamp bolts with nuts. Shipping weight 43 pounds. Price f.o.b. factory **\$131.00**

CE9157. Single Table "L" with one graduated swivel and four clamp bolts with nuts. Shipping weight 19 pounds. Price **\$63.50**

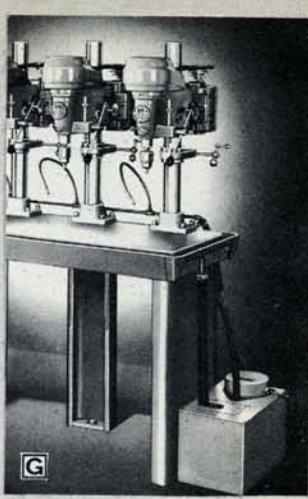
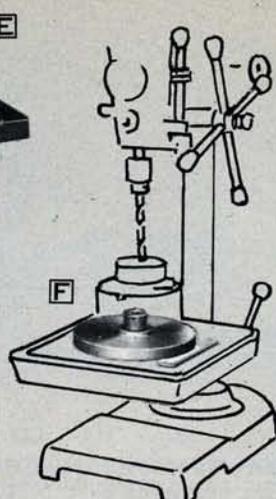
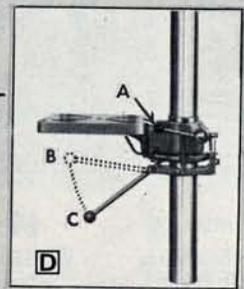
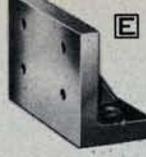
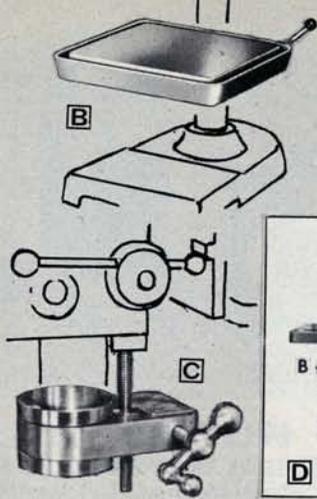
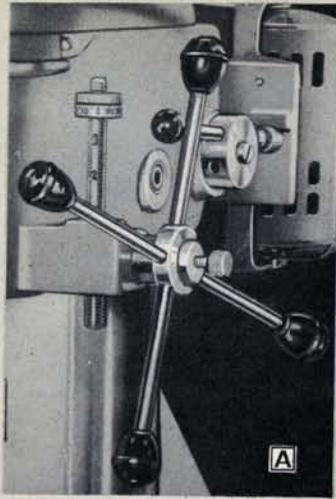
CE9159. Base only "M" for adapting single table to South Bend Drill Press. Shipping weight 8 pounds. Price f.o.b. factory **\$4.85**

N INDEXING CENTERS for accurate indexing, cross drilling, cutting flutes, etc. Takes work up to 5" in diameter and 6" long. Worm gear dial is graduated in degrees and each graduation on ball crank collar indicates 3 minutes.

CE9635. Indexing Centers. Ship. wt. 12 lbs. Price f.o.b. factory **\$76.90**

O INDEXING TABLE for accurately spacing holes, etc. Table is 4 1/2" in diameter and has three T-slots for clamping work. Edge of table is graduated 360°. Each graduation on ball crank collar indicates table movement of 3 minutes.

CE9144. Indexing Table. Ship. wt. 14 lbs. Price f.o.b. factory **\$61.75**



PATENTED

A TURNSTILE FEED LEVER ATTACHMENT. This attachment adds two spokes to the regular feed lever to provide a four spoke turnstile feed for the drill press spindle. It consists of two levers of equal length mounted in a collar which slips over the quill feed shaft. The regular feed lever passes through the collar and locks it in position. The use of this attachment does not interfere with the adjustable feature of the regular feed lever, which can be set in central position or extended for additional leverage or convenience as desired. Made with knobs to match Precision Model Drill Press.

CD9170. Turnstile Feed Lever Attachment. Shipping weight 3 pounds. Price f.o.b. factory..... **\$3.60**

B TABLE WITH COOLANT TROUGH is heavily constructed with large flat underneath edge for clamping. Precision ground work surface is 10½" square. Coolant trough has drain hole with ¼" pipe thread.

CD9165. Table with Coolant Trough in lieu of regular table at time drill press is purchased. Price f.o.b. factory..... **\$11.30**

CD9166. Table with Coolant Trough in addition to regular table or separate from drill press. Shipping weight 40 pounds. Price f.o.b. factory..... **\$24.90**

C HEAD POSITIONING ATTACHMENT. The Head Positioning Attachment provides a quick and convenient means for adjusting the position of the drill press head on the column. The attachment can be used at any point on the column, and provides four inches of vertical adjustment at one setting. Enclosed worm gearing operated by a steel ball crank assures smooth, easy operation. The head positioning attachment swivels around the column with the head to any desired angle. Designed for use with South Bend 14" Drill Presses which have columns 2.730" in diameter. The head positioning attachment and the multi-speed attachment cannot be used at the same time.

CE9131. Head Positioning Attachment. Shipping weight 10 pounds. Price f.o.b. factory..... **\$31.75**

D NEW EASY-UP TABLE ELEVATOR. This attachment will "walk-up" the full length of drill press column. To operate, release table clamp A—then move raising lever from B to C in a pumping motion. Table climbs right up column. To lower, swing table slightly from left to right. Table will slide down column. Works equally well with table at 45° and swivels to any position around column.

CD9186. Easy-Up Drill Press Table Elevator for use with South Bend Drill Press (2.730 column) f.o.b. factory..... **\$17.00**

CD9180. Easy-Up Drill Press Table Elevator for use with any drill press with 2.750 column. f.o.b. factory..... **\$17.00**

E ANGLE PLATE. This is a heavy cast iron angle plate suitable for clamping work on the drill press, shaper, milling machine, face plate of lathe, etc. Size 4½" x 3" x 2". Has six bolt holes.

CE9640. Shipping weight 4 pounds. Price f.o.b. factory..... **\$10.00**

F CHUCK ADAPTER STUD for mounting chuck on table of drill press, milling machine, shaper or other machine for holding work. Consists of accurately machined base plate with threaded stud on which lathe chuck may be screwed. When ordering be sure thread on stud conforms with thread in back of chuck to be used. Price includes bar for screwing stud into base plate but does not include chuck, clamps or bolts.

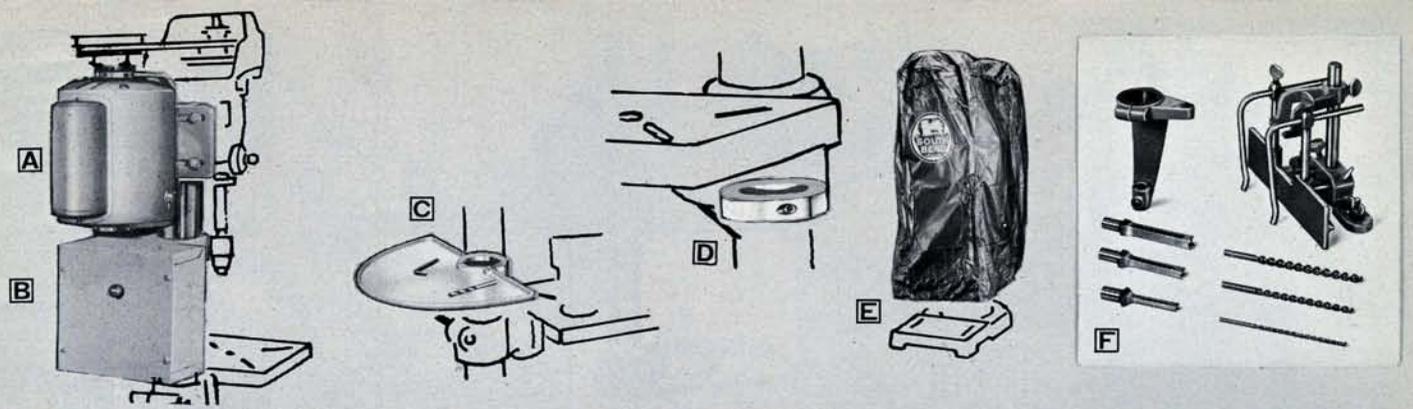
| Catalog Number | Diameter of Plate | Thread Diameter | Threads per Inch | Shipping Weight | Price |
|----------------|-------------------|-----------------|------------------|-----------------|--------|
| CE3445 | 6¼" | 1½" | 8 | 7 lbs. | \$7.75 |
| CE3446 | 6¼" | 1⅞" | 8 | 10 lbs. | 9.05 |
| CE3447 | 7½" | 2¼" | 8 | 13 lbs. | 10.65 |
| CE3448 | 11¾" | 2⅝" | 6 | 14 lbs. | 19.30 |

COOLANT PUMP EQUIPMENT FOR PRODUCTION TYPE DRILL PRESSES

G COOLANT PUMP EQUIPMENT for production type drill presses. See pages 84 & 85. Includes a self-priming coolant pump driven by a ¼ h.p. motor, toggle switch, coolant reservoir, necessary piping, and individual nozzle with shut off

valve for each spindle of the drill press. Price includes fitting coolant equipment to drill press at factory. Shipping weight approximately 154 pounds. See page 52 item "E" for universal coolant pump suitable for use with any type of drill press.

| CURRENT | | | | One Spindle Drill Press | | Two Spindle Drill Press | | Three Spindle Drill Press | | Four Spindle Drill Press | |
|---------|-------|-------|-------|-------------------------|----------|-------------------------|----------|---------------------------|----------|--------------------------|----------|
| Type | Phase | Cycle | Volts | Cat. No. | Price | Cat. No. | Price | Cat. No. | Price | Cat. No. | Price |
| A.C. | 3 | 50 | 220 | CD9103C | \$215.25 | CD9203C | \$221.50 | CD9303C | \$229.50 | CD9403C | \$235.75 |
| A.C. | 3 | 60 | 220 | CD9103D | 215.25 | CD9203D | 221.50 | CD9303D | 229.50 | CD9403D | 235.75 |
| A.C. | 3 | 50 | 440 | CD9103E | 219.50 | CD9203E | 226.00 | CD9303E | 233.75 | CD9403E | 240.50 |
| A.C. | 3 | 60 | 440 | CD9103F | 219.50 | CD9203F | 226.00 | CD9303F | 233.75 | CD9403F | 240.50 |
| A.C. | 3 | 50 | 550 | CD9103G | 219.50 | CD9203G | 226.00 | CD9303G | 233.75 | CD9403G | 240.50 |
| A.C. | 3 | 60 | 550 | CD9103H | 219.50 | CD9203H | 226.00 | CD9303H | 233.75 | CD9403H | 240.50 |
| A.C. | 2 | 50 | 220 | CD9102C | 215.25 | CD9202C | 221.50 | CD9302C | 229.50 | CD9402C | 235.75 |
| A.C. | 2 | 60 | 220 | CD9102D | 215.25 | CD9202D | 221.50 | CD9302D | 229.50 | CD9402D | 235.75 |
| A.C. | 1 | 50 | 115 | CD9101A | 198.75 | CD9201A | 202.25 | CD9301A | 213.50 | CD9401A | 219.50 |
| A.C. | 1 | 60 | 115 | CD9101B | 194.25 | CD9201B | 202.25 | CD9301B | 208.50 | CD9401B | 216.25 |
| A.C. | 1 | 50 | 230 | CD9101C | 202.25 | CD9201C | 208.50 | CD9301C | 216.25 | CD9401C | 222.50 |
| A.C. | 1 | 60 | 230 | CD9101D | 197.75 | CD9201D | 204.25 | CD9301D | 211.75 | CD9401D | 218.50 |



A MOTORS FOR DRILL PRESSES. Motors listed below are recommended for use with South Bend 14" Drill Presses. Standard spindle speeds with 1725 r.p.m. motors are approximately 720 to 4325 r.p.m. and with 1140 r.p.m. motors 480 to 2885 r.p.m. These are all vertical mounting ball-bearing motors. All single phase motors are capacitor type. Prices of 230 v. single phase motors include 230 v. lamp in lieu of 115 v. lamp regularly supplied.

Motors operating on two or three phase A.C. require either remote control or across-the-line manual starter equipment described below the motor table.

Wiring and switches for single phase motors are supplied with Precision Model Drill Presses, and need not be ordered as extras. Information on motors for current characteristics not listed will be supplied on request.

| Cat. No. | R.P.M. | H.P. | Current | Volts | Phase | Cycle | Price |
|----------|--------|------|---------|---------|-------|-------|---------|
| CE4910B | 1725 | 1/2 | A.C. | 115 | 1 | 60 | \$35.00 |
| CE4910D | 1725 | 1/2 | A.C. | 230 | 1 | 60 | 35.00 |
| CE4911A | 1425 | 1/2 | A.C. | 115 | 1 | 50 | 38.50 |
| CE4911C | 1425 | 1/2 | A.C. | 230 | 1 | 50 | 38.50 |
| CE4912D | 1725 | 1/2 | A.C. | 208-220 | 3 | 60 | 34.00 |
| CE4912C | 1425 | 1/2 | A.C. | 208-220 | 3 | 50 | 34.00 |
| CE4913S | 1425 | 1/2 | A.C. | 380 | 3 | 50 | 34.00 |
| CE4913F | 1725 | 1/2 | A.C. | 440 | 3 | 60 | 37.00 |
| CE4913E | 1425 | 1/2 | A.C. | 440 | 3 | 50 | 37.00 |
| CE4920B | 1725 | 1/2 | A.C. | 115 | 1 | 60 | 41.50 |
| CE4920D | 1725 | 1/2 | A.C. | 230 | 1 | 60 | 41.50 |
| CE4921A | 1425 | 1/2 | A.C. | 115 | 1 | 50 | 45.50 |
| CE4921C | 1425 | 1/2 | A.C. | 230 | 1 | 50 | 45.50 |
| CE4922Y | 1200 | 1/2 | A.C. | 115 | 1 | 40 | 88.00 |
| CE4922Z | 1200 | 1/2 | A.C. | 230 | 1 | 40 | 88.00 |
| CE4914D | 1725 | 1/2 | A.C. | 208-220 | 2 | 60 | 41.00 |
| CE4914C | 1425 | 1/2 | A.C. | 208-220 | 2 | 50 | 41.00 |
| CE4914F | 1725 | 1/2 | A.C. | 440 | 2 | 60 | 41.00 |
| CE4914E | 1425 | 1/2 | A.C. | 440 | 2 | 50 | 41.00 |
| CE4924D | 1725 | 1/2 | A.C. | 208-220 | 3 | 60 | 41.00 |
| CE4924C | 1425 | 1/2 | A.C. | 208-220 | 3 | 50 | 41.00 |
| CE4924S | 1425 | 1/2 | A.C. | 380 | 3 | 50 | 41.00 |
| CE4924F | 1725 | 1/2 | A.C. | 440 | 3 | 60 | 41.00 |
| CE4924E | 1425 | 1/2 | A.C. | 440 | 3 | 50 | 41.00 |
| CE4932B | 1140 | 1/2 | A.C. | 115 | 1 | 60 | 51.00 |
| CE4932D | 1140 | 1/2 | A.C. | 230 | 1 | 60 | 51.00 |
| CE4933D | 1140 | 1/2 | A.C. | 208-220 | 3 | 60 | 51.00 |
| CE4933F | 1140 | 1/2 | A.C. | 440 | 3 | 60 | 51.00 |
| CE4934B | 1140 | 1/2 | A.C. | 115 | 1 | 60 | 66.00 |
| CE4934D | 1140 | 1/2 | A.C. | 230 | 1 | 60 | 66.00 |
| CE4935D | 1140 | 1/2 | A.C. | 208-220 | 3 | 60 | 65.50 |
| CE4935F | 1140 | 1/2 | A.C. | 440 | 3 | 60 | 65.50 |

B CONTROLS FOR TWO AND THREE PHASE MOTORS.

All two and three phase motors for drill presses require either remote control or across-the-line manual starter equipment. Remote control equipment includes step-down transformers and relays which reduce current to operating switch to 110 volts, and provide overload protection and low voltage release.

CE4901. Across-the-line Manual Starter for three phase or two phase three wire 208-220/440 v., 50/60 cycle A.C. motors. Shipping weight 5 pounds. Price f.o.b. factory **\$15.00**

CE4909E. Remote Control for three phase or two phase three wire 208-220/440 v., 50 cycle A.C. motors. Shipping weight 23 pounds. Price f.o.b. factory **\$90.00**

CE4909F. Remote Control for two phase or three phase 208-220/440 v., 60 cy. A.C. motors. Ship. wt. 23 pounds. Price **\$90.00**

CE4909S. Remote Control for three phase 380 v., 50 cycle A.C. motors. Ship. wt. 23 lbs. Price f.o.b. factory **\$94.00**

C TOOL TRAY FOR DRILL PRESS. This is a convenient metal tool tray which may be clamped on the drill press column either above or below the table. Especially desirable for floor type drill presses.

CD9175. Tool Tray. Ship. wt. 5 lbs. Price f.o.b. factory **\$5.00**

D TABLE SUPPORT RING. Clamped on the column beneath the drill press table, this support ring permits releasing the table clamp and swinging the table around the column to any position without danger of the table dropping down. Very convenient for surface grinding with cup wheel mounted in drill press spindle, and similar surfacing operations on wood or metal parts. Can also be used under drill press head.

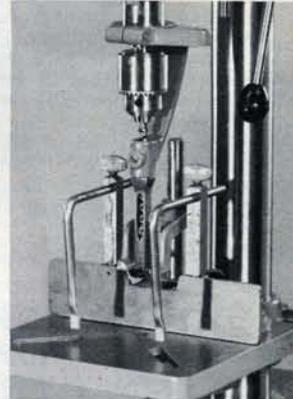
CE9140. Table Support Ring. Shipping weight 1 1/2 pounds. Price f.o.b. factory **\$2.85**

E WATERPROOF SERVICE COVER. Use this durable waterproof oil resistant plastic service cover to protect your drill press overnight or whenever it is not in use. Effectively prevents dirt from accumulating. Attractive maroon color with South Bend emblem printed in metallic ink. Size 12" wide, 28" long, 28" high, large enough for any South Bend single spindle drill press. Folds compactly to small package for easy storing when not in use. Use two or more on multiple spindle drill presses.

CE2693. Waterproof Service Cover for Drill Press. Shipping weight 2 pounds. Price f.o.b. factory **\$2.05**

F MORTISING ATTACHMENT. This Mortising Attachment

converts any South Bend 14" Drill Press equipped with a 1/2" drill chuck into an efficient mortising machine. The improved fence assembly adjusts quickly and accurately for different thickness stock. The base clamps to the table and the fence adjusts on two steel posts. This design aids in eliminating alignment errors in the work. Two guide arms mount directly on fence and are separately adjustable. A forked work hold down also adjusts on a vertical steel post mounted on the base. This fence assembly has many uses for guiding work other than mortising. It may be purchased separately.



Requires the use of short spindle No. CD9127 when used on Bench Drill Presses. (See J page 86).

Specifications

| | |
|---|---------|
| Capacity under work hold down, maximum | 5 1/16" |
| Capacity guide rods to fence, maximum | 4 7/16" |
| Distance fence adjusts without moving base on table | 1" |
| Working depth of chisels: | |
| 1/4" | 2 1/16" |
| 3/8" | 2 3/4" |
| 1/2" | 3 5/16" |

| Cat. No. | Description | Ship. Wt. | Price |
|----------|-------------------------------------|-----------|---------|
| CE9151 | Mortising Attachment Fence Assembly | 10 lbs. | \$14.70 |
| CD9152 | Mortising Chisel Holder | 3 lbs. | 4.85 |
| CE9153 | 1/4" Mortising Chisel and Bit | 1/2 lb. | 9.65 |
| CE9154 | 3/8" Mortising Chisel and Bit | 3/4 lb. | 9.65 |
| CE9155 | 1/2" Mortising Chisel and Bit | 1 lb. | 11.10 |