

SOUTH BEND LATHE WORKS

SOUTH BEND 22, INDIANA, U.S.A.

Sec. 34.66P.L.&R.

U. S. POSTAGE

PAID

Permit 176

South Bend, Ind.

A NEW

*Low
Priced*

**DRILL
PRESS**

POSTMASTER: If undeliverable, notify sender on Form 3547,
postage for which is guaranteed. State new address if known.

R6617—E00XM—5-50

Printed in U.S.A.

New
14"
**SOUTH
BEND**
*Economy
Model*
**DRILL
PRESS**

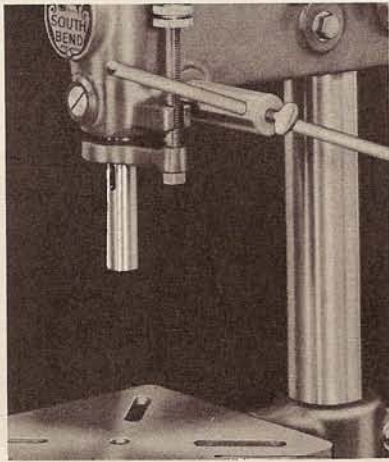


\$74⁵⁰

CD403B. South Bend 14" Economy Model Bench Drill Press with 1/2" Jacobs chuck, pulleys, and belt; but without motor and switch. See next page.



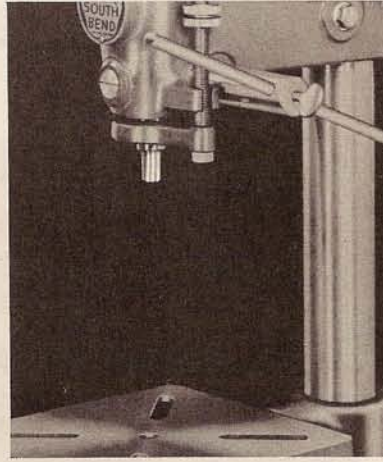
CHOOSE THE DRILL PRESS YOU PREFER



DRILL PRESS WITH NO. 2 MORSE TAPER SPINDLE

CD402B. South Bend Economy Model 14" Bench Drill Press with No. 2 Morse taper spindle. Takes drills or other tools with No. 2 Morse taper shanks. Shipping weight 154 lbs. Price with motor pulley and belt, but less motor and switch, f.o.b. factory.....\$71.50

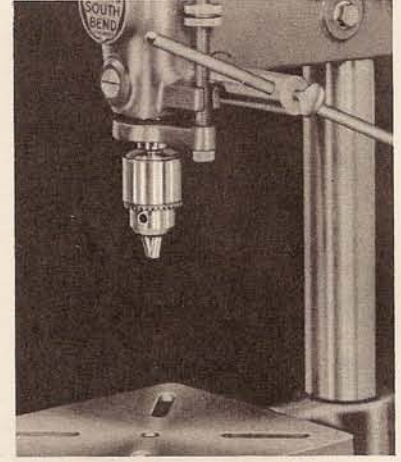
CD402F. South Bend Economy Model 14" Floor Drill Press with No. 2 Morse taper spindle. Takes drills or other tools with No. 2 Morse taper shanks. Shipping weight 197 lbs. Price with motor pulley and belt, but less motor and switch, f.o.b. factory.....\$83.50



DRILL PRESS WITH TAPER SPINDLE FOR DRILL CHUCK

CD401B. South Bend Economy Model 14" Bench Drill Press with short taper for No. 34 Jacobs 1/2" drill chuck. Price does not include drill chuck. Shipping weight 154 lbs. Price with motor pulley and belt, but less motor and switch, f.o.b. factory.....\$69.50

CD401F. South Bend Economy Model 14" Floor Drill Press with short taper for No. 34 Jacobs 1/2" drill chuck. Price does not include drill chuck. Shipping weight 197 lbs. Price with motor pulley and belt, but less motor and switch, f.o.b. factory.....\$81.50



DRILL PRESS WITH JACOBS DRILL CHUCK

CD403B. South Bend Economy Model 14" Bench Drill Press with 0 to 1/2" capacity drill chuck our Cat. No. CE1201 (Jacobs No. 34). Shipping weight 154 lbs. Price with motor pulley and belt, but less motor and switch, f.o.b. factory.....\$74.50

CD403F. South Bend Economy Model 14" Floor Drill Press with 0 to 1/2" capacity drill chuck our Cat. No. CE1201 (Jacobs No. 34). Shipping weight 197 lbs. Price with motor pulley and belt, but less motor and switch, f.o.b. factory.....\$86.50

TIME PAYMENT TERMS. Economy Model Drill Presses and other South Bend equipment may be purchased on our time payment plan; 25% down, 12 months to pay balance; minimum order \$100.

MOTORS AND CONTROLS

Motors and controls listed below are recommended for use with the South Bend Economy 14" Drill Press. These are all vertical mounting ball-bearing motors with the exception of No. CE3256B, which is a sleeve bearing motor. All single phase motors are capacitor type with the exception of No. CE3256B, which is split phase.

Prices of motors do not include controls, switches, or wiring, which are listed in column at right. Remote control equipment for two and three phase motors listed in table below is optional. Remote control equipment includes overload protection, eight feet of Neoprene covered 3-wire No. 16 lead in cable, necessary wire for connecting motor with control, and step down transformers and relays which reduce the current to the operating switch to 110 volts, but does not include wiring for drill press head or operating switches. Wiring kit No. CE9107 is required with remote control equipment.

Approximate shipping weights: 1/8 h.p. motor 40 lbs., 1/2 h.p. motor 50 lbs., remote control 19 lbs. Prices of motors and control equipment for current characteristics not listed will be quoted on request.



Motors for South Bend Economy 14" Drill Presses

Cat. No.	H.P.	Current	Volts	Phase	Cycle	Price
CE3256B	1/8	A.C.	115	1	60	\$12.95
CE4910B	1/8	A.C.	115	1	60	30.90
CE4910D	1/8	A.C.	230	1	60	30.90
CE4911A	1/8	A.C.	115	1	50	33.10
CE4911C	1/8	A.C.	230	1	50	33.10
CE4912D	1/8	A.C.	220	3	60	31.65
CE4912C	1/8	A.C.	220	3	50	31.65
CE4913F	1/8	A.C.	440	3	60	34.40
CE4913E	1/8	A.C.	440	3	50	34.40
CE4920B	1/2	A.C.	115	1	60	42.40
CE4920D	1/2	A.C.	230	1	60	42.40
CE4921A	1/2	A.C.	115	1	50	47.45
CE4921C	1/2	A.C.	230	1	50	47.45
CE4922Y	1/2	A.C.	115	1	40	62.35
CE4922Z	1/2	A.C.	230	1	40	62.35
CE4924D	1/2	A.C.	220	3	60	38.95
CE4924C	1/2	A.C.	220	3	50	38.95
CE4924F	1/2	A.C.	440	3	60	38.95
CE4924E	1/2	A.C.	440	3	50	38.95
CE4930	1/2	D.C.	115	61.10
CE4931	1/2	D.C.	230	63.50

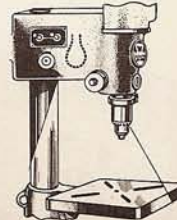
Remote Control

Cat. No.	Price
CE4909F	\$48.00
CE4909E	48.00
CE4909F	48.00
CE4909E	48.00
CE4909F	48.00
CE4909E	48.00
CE4909F	48.00
CE4909E	48.00
CE4909F	48.00
CE4909E	48.00

DRILL PRESS HEAD WIRING KITS*

Equip Your Drill Press With Work Light and Motor Switch

All heads for South Bend Economy Model Drill Presses are cored and drilled to receive the wiring kits listed below.



CE9105. Toggle Switch Wiring Kit for single phase or D.C. motors up to 250 volts. Includes eight feet of Neoprene covered No. 16 two wire lead in cable, toggle switch and wire for motor, toggle switch and wire for lamp, receptacle for standard base lamp bulb, clip, wiring instructions, and escutcheon plate with pins for mounting switches in Drill Press Head. Shipping weight 1 1/4 lbs. Price f.o.b. factory.....\$3.45

CE9106. Push Button Switch Wiring Kit for two or three phase motors up to 575 volts. Includes eight feet of Neoprene covered No. 16 three wire lead in cable, across-the-line push button switch and wire for motor, toggle switch and wire for lamp up to 250 volts, eight feet of No. 16 two wire Neoprene covered lead in cable and plug for lamp, receptacle for standard base lamp bulb, clip, wiring instructions, and box for mounting switches in drill press head. Shipping weight 3 lbs. Price f.o.b. factory.....\$9.95

CE9107. Toggle Switch Wiring Kit for use with remote controls CE4909E and CE4909F. Includes toggle switch and wire for operating motor through remote control, toggle switch and wire for 115 volt lamp, receptacle for standard base lamp bulb, clip, wiring instructions, and escutcheon plate with pins for mounting switches in drill press head. Shipping weight 1 lb. Price f.o.b. factory.....\$2.75

CE3655. Feed-through Cord Switch for insertion in extension cord for 115V. to 230 V. single phase or D.C. motors only. Shipping weight 1/4 lb. Price f.o.b. factory.....\$0.75

CE3658. Extension Cord for motor. Neoprene covered No. 16 two wire cord with plug attached, length six feet. For single phase or D.C. motors only. Shipping weight 1/2 lb. Price f.o.b. factory.....\$0.65

CE3659. Extension Cord for motor. Neoprene covered No. 16 two wire cord with plug attached, length eight feet. For single phase or D.C. motors only. Shipping weight 3/4 lb. Price f.o.b. factory.....\$0.75

CE3660. Extension Cord. Neoprene covered No. 16 three wire cord (one wire used for grounding) with plug attached, length six feet. For single phase or D.C. motors only. Shipping weight 1 lb. Price f.o.b. factory.....\$0.80

CE3661. Extension Cord. Neoprene covered No. 16 three wire cord (one wire used for grounding) with plug attached, length eight feet. For single phase or D.C. motors only. Shipping weight 1 lb. Price f.o.b. factory.....\$0.95

*No wiring is installed in South Bend Economy Drill Presses at the factory. For those who prefer to have wiring installed at the factory we recommend the South Bend Precision Drill Press. Write for Catalog 400.

SPECIFICATIONS

OF BENCH AND FLOOR DRILL PRESSES

Maximum drill size in iron or steel.....	1/2"
Drills to center of.....	14 1/4" Circle
Net weight, bench type, less motor and chuck.....	124 lbs.
Net weight, floor type, less motor and chuck.....	156 lbs.
Chuck capacity.....	0 to 1/2"
Approximate spindle speeds, four, r.p.m.....	740 to 4070
Spindle travel, maximum.....	4"
Spindle run out, maximum.....	.005"
Spindle, square with table within.....	.0075" in 5"
Chuck to base, maximum, bench model.....	16 11/16"
Chuck to base, maximum, floor model.....	46 5/16"
Chuck to table, maximum, bench model.....	11 1/16"
Chuck to table, maximum, floor model.....	40 5/16"
Base, work surface, bench model.....	7" x 10"
Base, work surface (not machined) floor model.....	8" x 12"
Table, work surface.....	10" x 10"
Table tilt.....	Any angle
Column diameter.....	2 3/4"
Motor, size recommended.....	1/2 or 1/2 h.p.
Motor, speed recommended.....	1725 r.p.m.

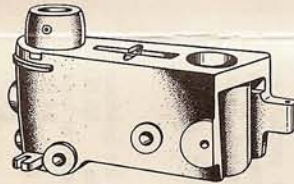
*For those who require greater accuracy we recommend our 14" Precision Drill Press on which these specifications are held to .002". Write for Catalog 400.

FEATURES

OF BENCH AND FLOOR DRILL PRESSES

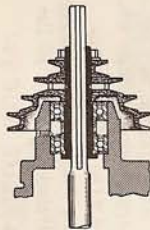
ONE-PIECE HEAD CASTING

Insures accurate alignment. Heavy, rigid construction. Double-plug binder locks the head to column. Column bearing is NOT split.



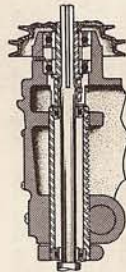
AUTOMATIC BELT TENSION

Coil spring permits releasing tension from belt for easy speed changes. Proper tension for belt is maintained automatically.



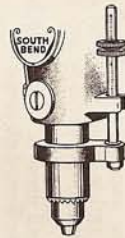
FREE-FLOATING SPINDLE

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



FOUR PRECISION BALL BEARINGS

Two on spindle, two on drive sleeve. Pre-lubricated and sealed precision type, no oiling required.



DEPTH GAUGE

Controls feed depth, adjustable for any depth of feed up to 4". Graduations read in sixteenths.

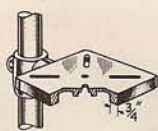


TABLE HAS WIDE CLAMPING RIB

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

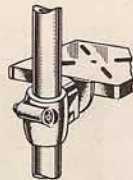
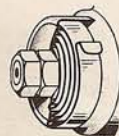


TABLE LOCK

Double-plug binder securely locks table to column. Eliminates misalignment. Column bearing is NOT split.



ADJUSTABLE QUILL RETURN SPRING

Retracts quill instantly upon release of feed lever. Tension of spring is adjustable.



QUILL BEARING ADJUSTMENT

Take-up screw provides tension adjustment and secure locking. Quill bearing is NOT split.



SOUTH BEND LATHE DISTRIBUTORS

ALABAMA: Young & Vann Supply Co., Birmingham. **ARKANSAS:** Lyons Mch. Co., Little Rock. **CALIFORNIA:** W. T. Wills Mch. Co., Los Angeles; Riley Precision Tool Co., San Francisco. **CONNECTICUT:** Gilbert & Richards, Inc., Hamden; Ideal Mch. Co., Plainville. **FLORIDA:** Harry P. Leu, Inc., Orlando. **GEORGIA:** Chandler Mch. Co., Atlanta. **ILLINOIS:** H. J. Volz Mch. Co., Chicago; Factory Supplies, Rockford; John J. Normoyle Co., Moline. **INDIANA:** Kenneth J. Galm Co., Indianapolis. **IOWA:** Iowa Mch. & Sup. Co., Des Moines. **LOUISIANA:** Dixie Mill Sup. Co., Inc., New Orleans. **MARYLAND:** Carey Mch. & Sup. Co., Inc., Baltimore. **MASSACHUSETTS:** Packard Mch. Co., Cambridge. **MICHIGAN:** Robert F. Brown Mch., Detroit; Lee Mch. Co., Inc., Detroit; Factory Tool & Sup. Co., Flint; Lakeshore Mch. & Sup. Co., Muskegon. **MINNESOTA:** Anderson Machine Tool Co., St. Paul. **MISSOURI:** Bossert Tool & Sup. Co., Kansas City; Colcord-Wright Mch. & Sup. Co., St. Louis. **NEBRASKA:** Fuchs Mch. & Sup. Co., Omaha. **NEW JERSEY:** Stephenson Mch. Co., Newark. **NEW YORK:** R. C. Neal Co., Inc., Buffalo; A. C. Colby Mch. Co., Inc., New York; Ogden R. Adams, Rochester; Syracuse Sup. Co., Syracuse. **NORTH CAROLINA:** Smith-Courtney Co., Winston-Salem. **OHIO:** Reynolds Mch. Co., Cleveland; C. H. Gosiger Mch. Co., Dayton. **OKLAHOMA:** Krisman Industrial Sup. Co., Tulsa; Hart Industrial Sup. Co., Oklahoma City. **OREGON:** Star Mch. Co., Portland. **PENNSYLVANIA:** R. P. Anderson Mch., & Tools, Erie; W. B. Rapp Mch., Philadelphia; York Mch. & Sup. Co., York. **RHODE ISLAND:** Reynolds, Inc., Providence. **TENNESSEE:** The W. S. Murrian Co., Knoxville. **TEXAS:** Wessendorff, Nelms & Co., Houston. **UTAH:** The Salt Lake Hdw. Co., Salt Lake City. **VIRGINIA:** Smith-Courtney Co., Richmond. **WASHINGTON:** Star Mch. Co., Seattle. **WEST VIRGINIA:** Wm. S. Bolden Co., Inc., Charleston. **WISCONSIN:** W. A. Voell Mch. Co., Milwaukee.

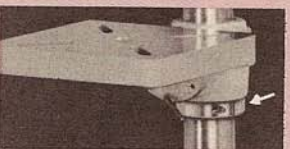
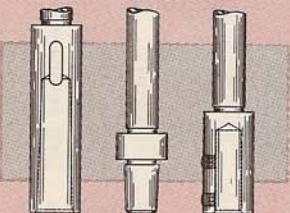
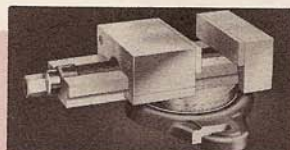
\$86⁵⁰

CD403F. South Bend Economy Model Floor Drill Press with 1/2" Jacobs Drill Chuck, pulleys, and belt, but without motor and switch.

Extras

FOR SOUTH BEND 14" ECONOMY MODEL DRILL PRESS

All prices are net f.o.b.
South Bend



MULTI-SPEED ATTACHMENT

Provides twelve spindle speeds 380 to 7,770 r.p.m. when used with 1725 r.p.m. motor. Cannot be used with split phase motor No. CE3256B. Price includes eccentric spindle, 4-step cone pulley and two V-belts. Shipping weight 8 lbs.
CD9135A. For $\frac{1}{2}$ h.p. motor.....\$13.00
CD9135B. For $\frac{3}{4}$ h.p. motor..... 13.00



BALANCED PULLEYS

Accurately machined and balanced spindle and motor pulleys for smooth operation at high speeds. Recommended for use with Multi-Speed Attachment. Specify diameter of motor shaft when ordering. Shipping weight 8 $\frac{1}{2}$ lbs.
CE9133. Price per pair with drill press in lieu of regular pulleys.....\$3.75
CE9134. Price per pair separate from drill press.... 8.35



SWIVEL VISE

CE9100. For holding work on drill press table, milling machine, etc. Jaws are 4" wide, 1" deep. Maximum jaw opening is 4". Shipping weight 18 lbs.....\$21.50

DRILL CHUCK

CE1201. Jacobs $\frac{1}{2}$ " drill chuck (less arbor). Shipping weight 2 $\frac{3}{8}$ lbs.....\$6.84
CE9110. No. 2 Morse taper shank arbor for chuck. Shipping weight $\frac{3}{4}$ lb.....\$0.95

BELT GUARD

Provides complete enclosure for V-belt. Back section of guard is hinged and may be raised for changing spindle speeds. May be used with Multi-Speed Attachment. Ship. wt. 50 lbs.
CD9137. With drill press in lieu of regular guard. \$12.00
CD9138. Separate from drill press..... 14.50

EXTRA SPINDLES

CD9125. Spindle with No. 2 Morse taper hole for holding taper shank tools. Drift included. Ship. wt. 3 lbs....\$5.50
CD9126. Utility spindle with $\frac{1}{2}$ " x $1\frac{5}{8}$ " deep straight hole for holding routing tools, etc. Ship. wt. 3 lbs.....\$4.00
CD9127. Spindle with short taper for $\frac{1}{2}$ " Drill Chuck No. CE1201 (Jacobs No. 34). Ship. wt. 2 lbs.....\$3.50

TABLE SUPPORT RING

CE9140. Permits table clamp to be released without danger of table dropping down. Ship. wt. 1 $\frac{1}{2}$ lbs....\$1.35

TABLE ELEVATING SCREW

CE9130. Provides 4" vertical adjustment of table without resetting. Not illustrated. Ship. wt. 10 lbs.....\$14.50

HEAD ELEVATING SCREW

CE9131. Provides 4" vertical adjustment of head without resetting. Not illustrated. Ship. wt. 10 lbs.....\$14.50

DRILL PRESS BENCH

CE9141. Heavily constructed angle steel bench with 20" x 32" glued wood top $1\frac{3}{16}$ " thick. Bench top is 29 $\frac{3}{8}$ " high. Shipping weight 52 lbs. Price (less drawer).....\$19.50
CE1780D. Drawer for above bench, 20 $\frac{1}{8}$ " wide, 14" long, 3 $\frac{3}{16}$ " deep. Ship. wt. 9 lbs.....\$6.25