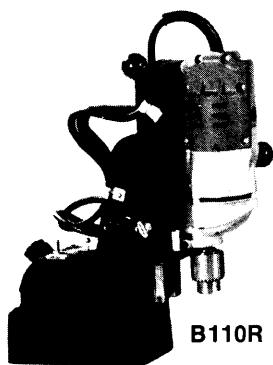


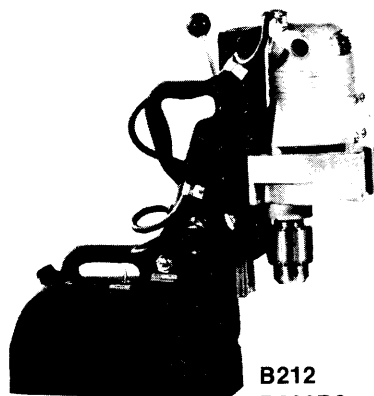


**W.J. KEATING LIMITED**

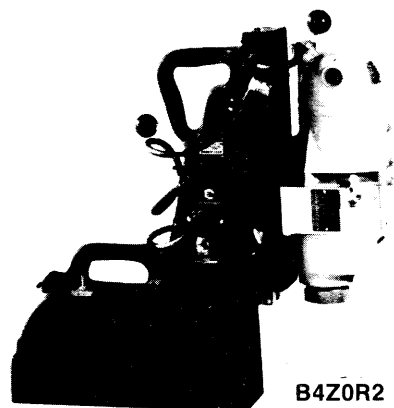
## PORTABLE MAGNETIC DRILL PRESS



**B110R**



**B212  
B220R2**



**B420R2**

### THE RECTANGULAR BASE

The rectangular base models were designed to achieve top efficiency in very close quarters. Holding power ranges from 1700 to 5000 lbs. These units are available in 3 sizes and come with drill motors ranging from 1/2" capacity to 1-1/4" capacity.

### AUTOMATIC POWER FEED

Available for Model B420R2 completely eliminates heavy manual labor. Once the operator has set the drill point on the center punch mark, the electro-magnetic base holds the drill press in place. At a flick of a switch, the automatic Power Feed then takes over the entire drilling job.

The Power Feed can be disengaged or engaged any time during drilling.

## SERIES B RECTANGULAR BASE

### RECTANGULAR BASES

Model No.	Drill Capacity	Stroke	Chuck or Taper	RPM	Dimensions HGT	Base	Weight	Mag. Pull	Drill Pt. Pressure
B-1 110R	1/2"	10"	chuck	600	14"	4" x 8"	42 lbs	1700 lbs.	900 lbs.
B-2 212R	3/4"	10"	chuck	400	17 1/2"	4" x 13"	65 lbs.	3400 lbs.	1300 lbs.
B-2 212R	3/4"	10"	#3 MT	400	17 1/2"	4" x 13"	65 lbs.	3400 lbs.	1300 lbs.
B-2 220R2	1 1/4"	10"	#3 MT	375-750	17 1/2"	4" x 13"	68 lbs.	3400 lbs.	1300 lbs.
B-3 320R2	1 1/4"	12"	#3 MT	375-750	20"	5" x 13 1/2"	92 lbs.	5000 lbs.	1900 lbs.
<b>POWER FEED UNIT</b>									
B-4 420R2	1 1/4"	12"	#3 MT	375-750	20"	5" x 13 1/2"	92 lbs.	5000 lbs.	1900 lbs.

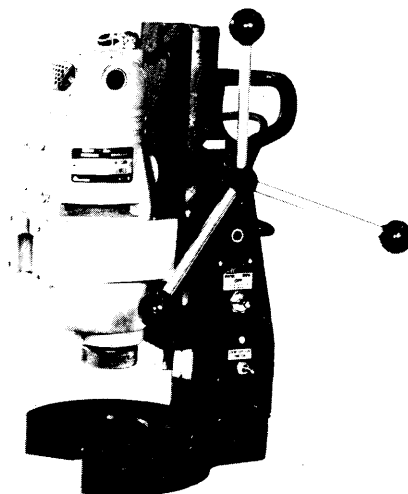
All units are available in 115 or 220 volts. 1-1/4" capacity motors are 2 speed. All drill motors are reversible.

**CAN ALSO BE ORDERED FOR DC OPERATION**

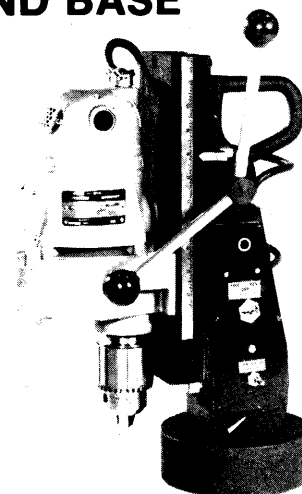


## SERIES HS HORSESHOE BASE

The exclusive horseshoe shaped surrounds the working area around the punch mark thus eliminating the loss of holding power caused by leverage in other types of bases. The 8-1/2" base allows end drilling, tapping and boring of bar stock as small as 4" in diameter. Upper surface of the base serves as a work platform when unit is used as an ordinary drill press. Convenient service panel allows inspection and repairs of wiring and controls.



## SERIES RB ROUND BASE



The round base Portomag was designed to achieve top efficiency in very close quarters. It is a very compact unit with maximum holding power and minimum leverage. Convenient service panel allows access to wiring and controls for inspection and repairs.

### SPECIFICATIONS

#### ROUND BASE MODEL

Model No.	Drill Capacity	Stroke	Chuck or Taper	RPM	Dimensions HGT	Base	Weight	Mag. Pull	Drill Pt. Pressure
RB-12R	3/4"	10"	chuck	400	18"	6 1/2" Dia.	63 lbs.	3000 lbs.	1200 lbs.
RB-12R	3/4"	10"	#3 MT	400	18"	6 1/2" Dia.	63 lbs.	3000 lbs.	1200 lbs.
RB-20R2	1 1/4"	10"	#3 MT	375-750	18"	6 1/2" Dia.	66 lbs.	3000 lbs.	1200 lbs.

#### HORSESHOE MODEL

HS-12R	3/4"	10"	chuck	400	17 1/2"	8 1/2" x 10"	67 lbs.	4000 lbs.	3000 lbs.
HS-12R	3/4"	10"	#3 MT	400	17 1/2"	8 1/2" x 10"	67 lbs.	4000 lbs.	3000 lbs.
HS-20R2	1 1/4"	10"	#3 MT	375-750	17 1/2"	8 1/2" x 10"	70 lbs.	4000 lbs.	3000 lbs.

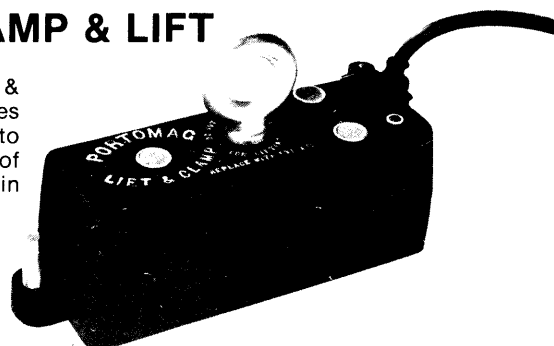
All Units are available in 115 or 220 volts. 1-1/4" capacity motors are 2 speed. All drill motors are reversible.

## ELECTRO MAGNETIC PLATE CLAMP & LIFT

Features heavy-duty electro-magnetic base, producing holding & lifting power in excess of 3,000 lbs., for positive positioning of plates in operation. Especially developed for use in the welding industry to assure perfect alignment of plates in butt welding without the use of "dogs" or wedges. Useful in construction for holding plates in position during welding, drilling & bolting.

**I-BOLT HANDLE** makes it possible to use the unit with a power hoist to spot plates into working position.

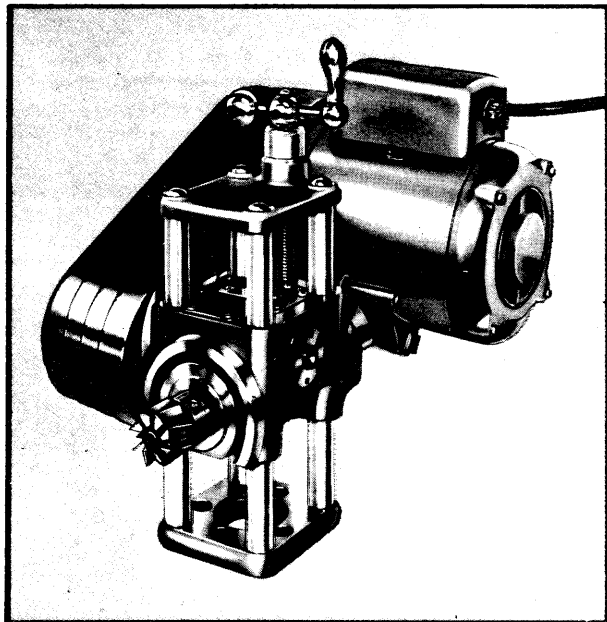
**3,000-LB. MAGNETIC PULL** assures that the clamp will hold its operating position positively, making difficult welding situations easy.





# W.J. KEATING LIMITED

## VersaMil



### VERSA-MIL MULTI-PURPOSE PORTABLE MACHINING UNIT

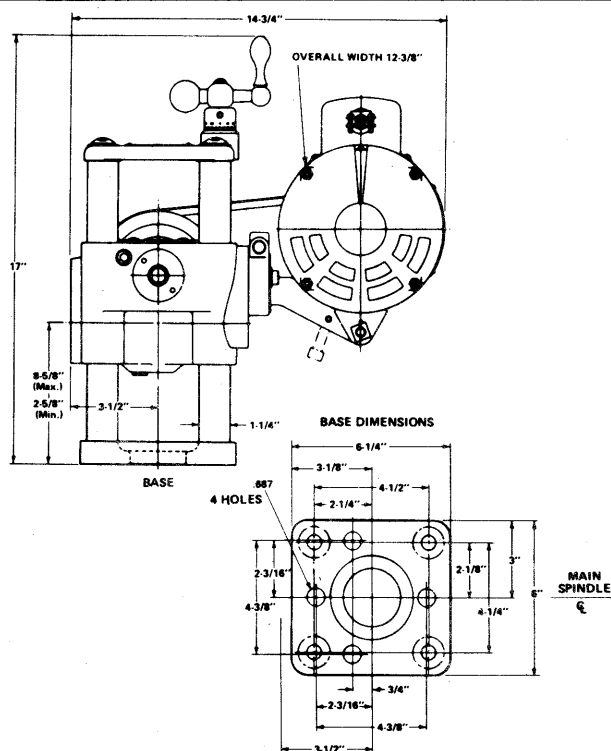
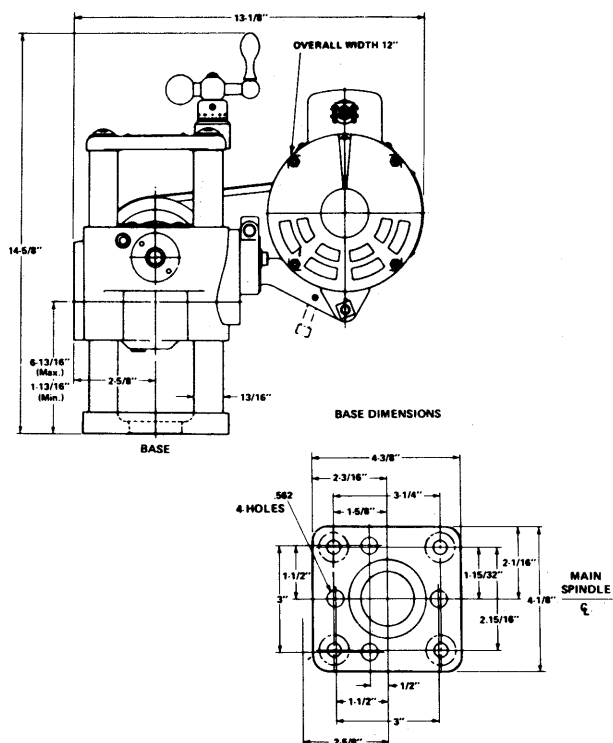
MILLS • BORES • SHAPES • SLOTS • DRILLS • TAPS  
• REAMS • ROUTS • THREAD MILLS • BEVELS •  
CENTERS • CHAMFERS • GRINDS EXTERNALLY  
AND INTERNALLY • GRINDS THREADS • GRINDS  
TOOLS AND CUTTERS.

VERSA-MIL... a versatile unit that will take over the kind of jobs that normally require expensive single purpose machines. Self-powered, it's compact and completely portable... goes to the job. This means machining costs are cut to a bare minimum. Saves handling, setups, and downtime.

The VERSA-MIL Unit has built-in power and feed, and works as an independent unit or as an attachment on standard machines. Close tolerances are maintained for profitable metal removal rates. Portability and easy adaptation to a specific need, make VERSA-MIL an ideal unit for production, tool room, or maintenance work. Another time-saving feature is VERSA-MIL'S adaptability to feed tables to perform many maintenance machining jobs in-place... without disassembly of equipment. It is capable of handling primary and secondary operations such as grinding, milling, boring, shaping, slotting, drilling and more.

### SERIES 31 K-4009

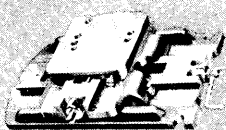
### SERIES 32 K-4010





# W.J. KEATING LIMITED

## ACCESSORIES & ATTACHMENTS



### FEED TABLES

Two models for Series 31 and 32 units feature hand-scraped ways, taper adjustable gibs — offer longitudinal feeds from 8" to 16" with a cross feed of 3-3/8". If only one direction of travel is required, table height may be reduced by removing lower carriage and mounting the upper carriage directly on the base assembly.

### COMPLETE FEED TABLES

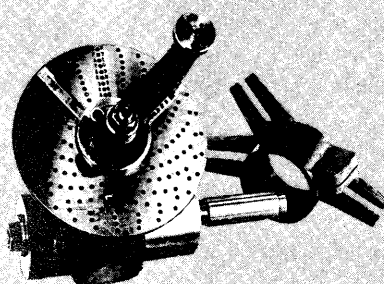
Catalog No.	Feed Length	Cross	Dimensions	Wt. Lbs.
32-111	8"	3-3/8"	16-1/8" x 9"	62
32-113	16"	3-3/8"	24-1/8" x 9"	82

### FEED TABLE SUB-ASSEMBLY

#### CATALOG NUMBERS:

- 32-220 Upper carriage Assembly. Shipping weight: 8 lbs.
- 32-221 Lower carriage Assembly. Shipping weight: 18 lbs.
- 32-222 Base Assembly for 8" feed table. Shipping weight: 34 lbs.
- 32-223 Base Assembly for 16" feed table. Shipping weight: 57 lbs.

(NOTE: Upper and Lower Carriages interchangeable with all Basic Sizes.)

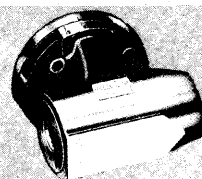


### INDEX HEAD

For perfect spacing of gear teeth, splines, bolt circles and geometric shapes. Mounts on lathe headstock to accurately index work held in chuck. Makes all divisions 1 to 50 — others to 1980. Indexes by degrees, 20 and 30-minute divisions.

#### CATALOG NUMBERS:

- 32-106 Index Head with mounting bracket and expanding mandrel to fit 1-1/8" bore. Shipping weight: 22 lbs.
- \*403-0020 Sleeve adaptor for spindle bores 1-1/4" to 1-3/4" diameter.
- \*403-0021 Sleeve adaptor for spindle bores 1-3/4" to 2-1/4" diameter.
- \*403-0022 Sleeve adaptor for spindle bores 2-1/4" to 3" diameter.
- \*Adaptors are furnished to fit largest bore size indicated — must be turned to fit smaller spindle bores.



### UNIVERSAL HEAD

For vertical drilling and reaming, thread milling and machining in the side of a large workpiece. The Universal Head mounts on unit and is driven by Versa-Mil spindle. Head swivels 360° to present cutter at any angle to the work. Use same arbors as basic unit. A size for each model.

#### CATALOG NUMBERS:

- 31-104 Universal Head for Series 31, Shipping weight: 8 lbs.
- 32-104 Universal Head for Series 32. Shipping weight: 17 lbs.



### INTERNAL GRINDER

For converting Versa-Mil to precision internal grinder. Series 32 unit handles 7/8" to 3" wheels — grinds to 6" depth. Six speeds match wheel speed to wheel diameter. Flat belt drive for smooth operation — fine finishes. Spindle diameter — 3/8". Optional Diamond Wheel Dresser (32-110) available.

#### CATALOG NUMBERS:

- 32-103 Internal Grinder for Series 32, with spindle pulley and belt. Shipping weight: 8 lbs.
- \*The 3-step motor pulley furnished with the Versa-Grinder is also required.

## OTHER ATTACHMENTS AVAILABLE - WRITE FOR COMPLETE BROCHURE

### VERSA-MIL ARBORS

#### TAPER

- 31-201 No. 1 Morse Taper Arbor for Series 31
- 32-201 No. 2 Morse Taper Arbor for Series 32
- 31-228 No. 5 Brown & Sharpe Taper Arbor for Series 31
- 32-228 No. 5 Brown & Sharpe Taper Arbor for Series 32
- 32-202 No. 7 Brown & Sharpe Taper Arbor for Series 32



#### SHELL END MILL

- for facing and slotting
- 31-227 1/2", for Series 31
- 31-208 3/4", for Series 31
- 32-208 3/4", for Series 32



#### FLYCUTTER

- provides 45° and 90° cutter positioning
- 31-203 With tool bit for Series 31
- 32-203 With tool bit for Series 32



#### GEARED TYPE CHUCK

- chuck with arbor
- 31-210 0-1/2", Chuck for Series 31
- 32-210 0-1/2", Chuck for Series 32



#### SIDE MILLING

- (spacers included)
- 31-204 7/8", for Series 31
- 31-205 1", for Series 31
- 32-204 7/8", for Series 32
- 32-205 1", for Series 32



#### STRAIGHT SHANK ARBOR

- 31-211 3/8", for Series 31
- 31-212 1/2", for Series 31
- 32-211 3/8", for Series 32
- 32-212 1/2", for Series 32
- 32-213 5/8", for Series 32



#### STRADDLE MILL

- (spacers not included)
- 31-207 1", for Series 31
- 32-207 1", for Series 32
- 32-226 Set of 6 spacers for 1" arbors



#### ANGLE MILL ARBOR

- 31-230 3/8", for Series 31
- 32-230 3/8", for Series 32

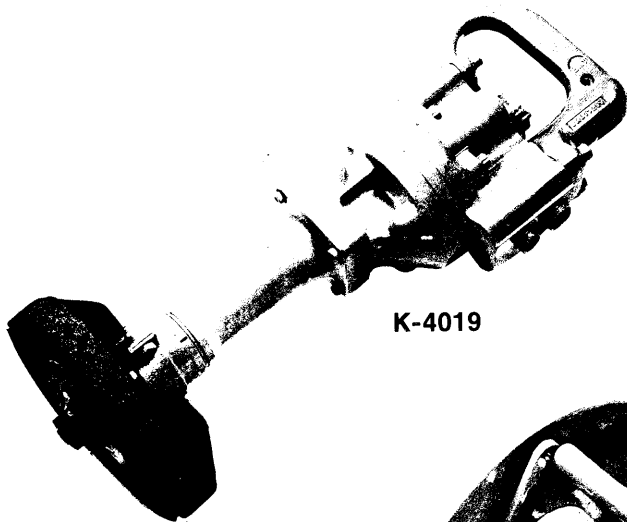




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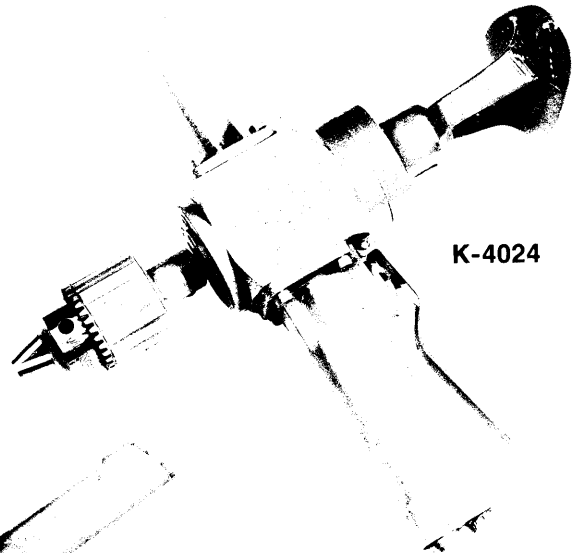
## **UNDERWATER HYDRAULIC TOOLS**

**HYDRAULIC 7" WHEEL GRINDER**



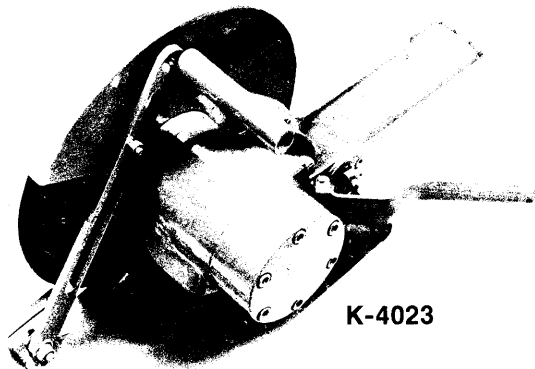
**K-4019**

**HYDRAULIC DRILL**



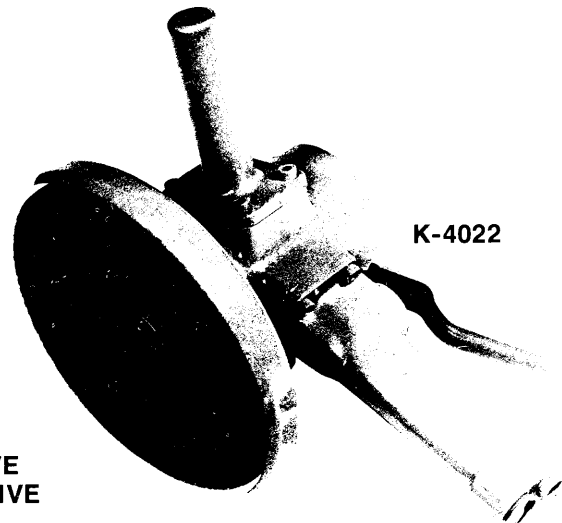
**K-4024**

**HYDRAULIC SAW**



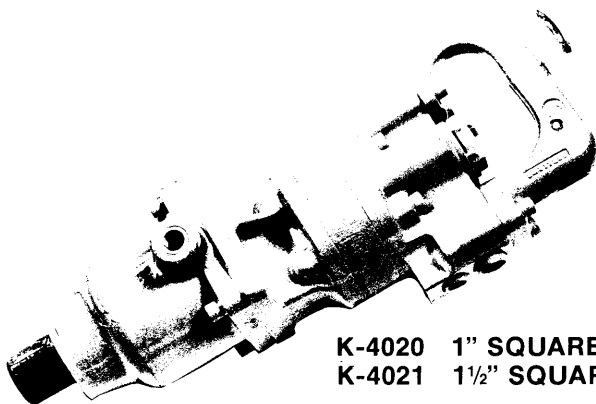
**K-4023**

**HYDRAULIC 9" DISC GRINDER**



**K-4022**

**IMPACT WRENCH**



**K-4020 1" SQUARE DRIVE**  
**K-4021 1½" SQUARE DRIVE**



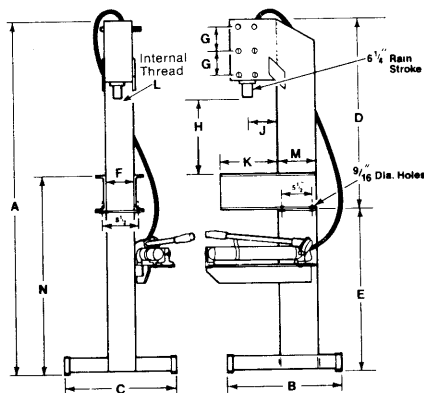
**W.J. KEATING LIMITED**

# UNDERWATER HYDRAULIC TOOLS

## SPECIFICATIONS

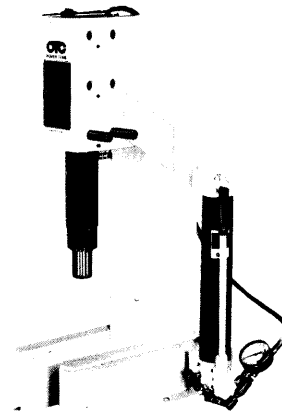
MODEL	K-4019	K-4024	K-4023	K-4022	K-4020	K-4021
Description	7" Wheel Grinder	Drill	Saw	9" Disc Grinder	Impact Wrench	
					1" Sq. Dr.	1½" Sq. Dr.
Weight (Lbs.)	15½	13½	13	13	27	32½
Length (Ins.)	21½	22	16	16	19	20
Speed (R.P.M.)	0-4500	0-600	0-5000	0-5000	0-1200	0-950
Operating Pressure	1000	1500	1000	1000	800	1000
Maximum Pressure	2000	2000	2000	2000	2000	2000
Required Flow Rate	8 G.P.M.	8 G.P.M.	8 G.P.M.	8 G.P.M.	6 G.P.M.	6 G.P.M.
Inlet	9/16 - 18 S.A.E. STRAIGHT THREAD					
Outlet	3/4 - 16 S.A.E. STRAIGHT THREAD					

## 25 ton C-Frame Shop Press



SPM256C (with optional pedestal)

A	B	C	D	E	F	G	H
77½"	24½"	24"	41½"	36"	6"	5"	10¼" Ram 15¼" Re- 20¼"tracted
J	K	L	M	N	Floor Space		
6½"	12½"	1½"-16	8"	43"	24"×24½"		



**A COMPLETE LINE  
OF SHOP PRESSES**

