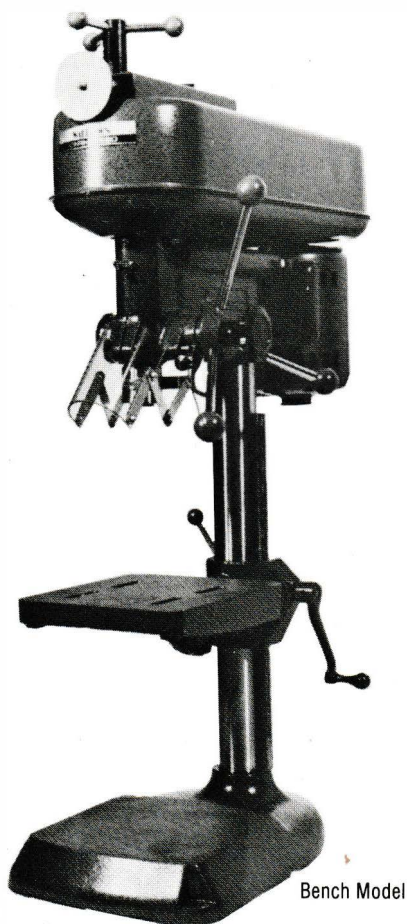


# PRECISION DRILLING MACHINES

## VARI SPEED MACHINE

– to 13mm drill capacity



Bench Model

### FEATURES:

- Single or three phase motor
- Infinitely variable speed range 450 to 4500 rpm
- Floor or bench model
- Safety chuck guard
- Rack and pinion lift table
- Fine machined table tiltable 90° right or left of column and swivelling 360° around column
- Solid 8 involute spline spindle bored # 2 morse taper
- Positive depth stop with coarse and fine adjustment
- No vee belt changing
- All machining carried out at exactly the right speed thus reducing tool down time

### USAGE:

- Where precision drilling with infinite speed range is required

## UTILITY RADIAL MACHINE

– to 13mm drill capacity



Floor Model

### FEATURES:

- Single or three phase motor
- Four or eight spindle speeds
- Floor or bench model
- Safety chuck guard
- Rack and pinion lift table
- Fine machined round table with plain slots, which can be tilted to 90° left or right and swivels 360° around column
- Solid 8 involute spline spindle bored # 2 morse taper
- Positive depth stop with coarse and fine adjustment
- Head can be tilted to 130° either side of vertical
- Driving pulley sleeve broached with involute self centering splines.
- Swivel head
- Variable throat depth
- Grouped spindle bearings with heavy duty thrust races

### USAGE:

- Where versatility and larger throat depth is required
- Where angle drilling is required
- Specialised applications

## 2M AND 3M SERIES

– to 32mm drill capacity



Floor Model

### FEATURES:

- Single or three phase motor
- Four or nine spindle speeds
- Floor or Bench Model
- Quick action toggle mechanism to release belt tension when changing speeds
- Safety chuck guard
- Rack and pinion lift table
- Fine machined square T-slot table tiltable 90° right or left and swivelling 360° around column
- Solid 8 involute spline spindle, nose bored – # 2MT on 2M model – # 3MT on 3M
- Positive depth stop with coarse and fine adjustment
- Heavy duty angular contact bearings on 2M model
- Ultra heavy duty Tapered Roller bearings on 3M

### USAGE:

- For heavy and extra heavy duty drilling requirements
- Precision drilling

# PRECISION DRILLING MACHINES

## SPECIFICATIONS:

MACHINE & MODEL	8SN and WORKMAX		SUPER 16		VARI-SPEED		RADIAL		2M		3M		N.H. SUPER SENSITIVE
	Bench	Floor	Bench	Floor	Bench	Floor	Bench	Floor	Bench	Floor	Bench	Floor	Bench
Drilling Capacity	13mm		16mm		13mm		13mm		22mm		32mm		4mm + 6mm
SIZE OF TABLE STANDARD													2 slots in the base 88.9mm centres
• Square Slotted	241 x 275		241 x 275		241 x 275		241 x 275		241 x 275		241 x 275		
• Square Tee-Slot	305 x 305		305 x 305		305 x 305		305 x 305		305 x 305		305 x 305		
• Round	350		350		350		350		350		350		
• Round-Index	350		350		350		350		350		350		
Spindle Travel	101		101		101		101		101		101		67
Column Diameter	63.5		63.5		63.5		74.6		74.6		74.6		63.5
Spindle to Table Distance	0 to 420	0 to 838	0 to 420	0 to 838	0 to 420	0 to 838	0 to 422	0 to 865	0 to 714	0 to 738	0 to 340	0 to 714	—
Spindle to Base Distance	Fixed 548	997 to 1300	Fixed 548	997 to 1300	Fixed 548	997 to 1300	Fixed 670	1106 to 1416	Fixed 554	922 to 1232	Fixed 530	898 to 1208	85 to 200
Throat Depth	196		196		196		Min 216	Max 506 STD 216 670 OPT	191		191		124
Motor kW 1PH or 3PH	0.75		0.75		0.75		0.75		0.75		0.75		0.37
SPINDLE SPEEDS (Nominal)	500, 1000 2000, 4000		Intermediate Drive only 150, 220, 315, 455, 520		450 to 4500		500, 1000 2000, 4000		400, 850 1450, 2500		400, 850 1450, 2500		Straight Drive only SET A SET B 3000 15000 6000 18000 9000 12000
• Straight Drive	160, 350, 650, 700, 800, 2500, 3000, 5500.		740, 1060, 1500, 1650, 2320, 3340, 4700.		—		160, 350, 650, 700, 800, 2500, 3000, 5500.		150, 280, 320, 480, 570, 650, 1800, 2000, 3000.		150, 280, 320, 480, 570, 650, 1800, 2000, 3000.		
Base Area (mm) W x L	311 x 533	368 x 600	311 x 533	368 x 600	311 x 533	368 x 600	368 x 600		368 x 600		368 x 600		150 x 150
Weight Unpacked	86 kg	105 kg	86 kg	105 kg	96 kg	115 kg	160 kg	190 kg	109 kg	134 kg	109 kg	134 kg	66 kg
Weight Packed	99 kg	135 kg	99 kg	135 kg	109 kg	145 kg	210 kg	240 kg	149 kg	164 kg	149 kg	164 kg	74 kg
Crate Dimensions L x W x H (cm)	80 x 46 x 110	87 x 52 x 154	80 x 46 x 110	87 x 52 x 154	87 x 52 x 154	87 x 52 x 170	146 x 54 x 168		87 x 52 x 154		87 x 52 x 154		69 x 40 x 74

## STATE SALES OFFICES:

### N.S.W. W.A. VIC. QLD. TAS. & N.T.

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