



MANUAL TURRET MILL SERIES 1

Iconic original milling, drilling & boring machine offering Simplicity, Rigidity, unerring Accuracy & enduring life.

- + One-Shot Lubrication System
- + Chrome-Plated Ways and Gibs
- + Colour - Machine Tool Grey
- + Manual Drawbar for R-8
- + Electrics - NFPA- CE Standard
- + Imperial Dials



* Knee travel reduced by 1 in. (25.4mm) with Flood Coolant
 **Power case door open
 All specifications subject to change without notice

RANGE	
Table Travel (X-Axis)	36 in. (914 mm)
Saddle Travel (Y-Axis)	12 in. (305 mm)
Quill Travel	5 in. (127 mm)
Knee Travel (Z-Axis)*	16 in. (406 mm)
Ram Travel	12 in. (305 mm)
Throat Distance (min.)	6.75 in. (171 mm)
Throat Distance (max.)	18.75 in. (476 mm)
Table to Spindle Nose Gage Line (min.)	2.5 in. (64 mm)
Table to Spindle Nose Gage Line (max.)	18.25 in. (463 mm)
TABLE	
Overall Size	49 x 9 in. (1245 x 229 mm)
Working Surface	49 x 9 in. (1245 x 229 mm)
T-slots Centers	3 @ 2.5 in. (64 mm)
T-slot Size	0.625 in. (16 mm)
Height above Floor (max.)	47.25 in. (1200 mm)
Weight of Workpiece (max.)	750lb (340kg)
SPINDLE (2J HEAD)	
AC Power Rating (30 min. duty cycle)	3 hp (2.2 kW)
AC Power Rating (continuous)	2 hp (1.5 kW)
Spindle Taper	R-8
Tooling	R-8 Collets
OPTIONAL SPINDLE TAPER	
Spindle Taper	#30
Tool Holder	Erickson Quick-Change #30
SPEED RANGE	
High (infinitely variable)	500 – 4200 rpm
Low	60 – 500 rpm
Power Quill Feed	0.0015 in./rev (0.038 mm)
Manual Adjust	0.003 in./rev (0.076 mm)
DRILLING CAPACITY	
Power Quill Feed	3/4 in. (19 mm)
Milling Capacity (mild steel)	3/4 in. (19 mm)
Boring Range (mild steel)	6 in. dia. (152 mm)
Spindle Diameter	1.875 in. (48 mm)
Quill Diameter	3.375 in. (86 mm)
POSITIONING	
Auto (X, Y)	100 ipm (2540 mm/min)
Manual (X, Y)	100 ipm (2540 mm/min)
Feedrate Range (X, Y)	0.1 – 100 ipm (2 – 2540 mm/min)
Minimum Increment	0.0001 in. (0.003 mm)
SPACE AND WEIGHT	
Floor Area	8.3 x 5.3 ft. (2.53 x 1.62 m) 8.3 X 7.8 ft. (2.53 X 2.4 m)**
Height	7.04 ft. (2.15 m)
Net Weight	1930 lb (875 kg)
Shipping Weight	2075 lb (941 kg)
POWER	
Input Power	208/230/460 volts, 3 phase, 50/60 cycle
Power Capacity	4kVA