



SPECIFICATIONS

All dimensions in inches (metrics in parentheses)

Range

Table travel (X-axis)	30 in. (762mm) or
With 48" Table,	36 in. (914mm)
Saddle travel (Y-axis)	12 in. (305mm)
Quill travel	5 in. (127mm)
Knee travel (Z-axis)	16 in. (406mm)
Ram travel	12 in. (305mm)
Throat distance (min.)	6 3/4 in. (171mm)
(max.)	18 3/4 in. (476mm)
Table to spindle nose	
gage line (min.) R8 Taper	2 1/2 in. (64mm)
Max. weight of workpiece	750 lbs. (341kg)

Table

Overall sizes	9 x 42 in. (229 x 1067mm)
	9 x 48 in. (229 x 1219mm)
T-Slots	3 on 2 1/2 in. (64mm) centers
T-Slot size	5/8 in. (16mm)
Height above floor (max.)	47 1/4 in. (1200mm)

Spindle (in 2J Head)

Power rating	2 hp (1.5kW)
Taper*	R-8 taper
Speed range	
low — infinitely variable	60-500 rpm
high — infinitely variable	500-4200 rpm

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Controlled downfeed range —	.0015 in. (0.038mm),
manual adjust	.003 in. (0.076mm),
	.006 in. (0.152mm)/rev.

Drilling capacity	
mild steel (manual)	3/4 in. (19mm)
mild steel (power)	3/8 in. (10mm)
Milling capacity — mild steel	2 cu. in./min. (32cc/min.)
Boring range — mild steel	To 6 in. (152mm) dia.
Spindle diameter	1 7/8 in. (48mm)
Quill diameter	3 3/8 in. (86mm)

Milling

Feedrate**	(X-axis) 3/4-35 ipm (19-889mm/min.) standard
	.3-15 ipm (8-381mm/min.) high torque power feed.

Space and weight

Floor area	7 x 10 ft. (2.1 x 3.1m)
Height	82 1/2 in. (2088mm)
Net weight	1950 lbs. (885kg)
Shipping weight	2180 lbs. (989kg)

Power

Electrical supply —	
60 Hz, 3 phase	208/230/460/575V

Color

Standard — Bridgeport Gray

*No. 30 Bridgeport Quick Change Spindle is optional. **Power optional. (Power feed reduces longitudinal travel by 3.5")
NOTE: Machine also available with 1 H.P. J Head with 8 speed changes. Specifications subject to change without prior notice.