

## The Big Bridgeport Power & Rigidity to Handle Big Jobs.

- Beefed-up iron, with heavily ribbed castings throughout for 1,500 lbs. maximum workpiece capacity.
- Rugged, powerful 4HP 4J variable speed head standard. A proven workhorse in the field.
- Massive V-ram standard for positioning flexibility. Rigid ram optional for extra stiffness.
- Accuracy and long life. Rectangular ways on saddle and knee. Gibs hand-scraped for precision fit. Dual knee locks for positive clamping. All standard.
- Power feed standard on table, saddle, knee to reduce operator fatigue. Power feed on quill optional.
- Full support. Bridgeport stands behind every machine with nationwide parts and service, and application engineering support.



# SERIES II STANDARD SPECIFICATIONS

All dimensions in inches (metrics in parentheses)

<b>Range</b>	
Table travel (X-axis)	30in. (762mm)
Saddle travel (Y-axis)	15in. (381mm)
Quill travel	5in. (127mm)
Knee travel (Z-axis manual)	16in. (406mm)
Ram travel (rack & pinion)	16in. (406mm)
Throat distance (min) V-Ram	10 5/8in. (270mm)
Throat distance (max) (V-Ram)	26 5/8in. (676mm)
Table to spindle nose gage line	1in. (25mm) (min)
Max. weight of workpiece	1500lbs. (681 kg)
<b>Table</b>	
Overall size	11x58in. (279x1473mm)
T-slots-three	2 1/2in. (64mm) centers
T-slot size	5/8in. (16mm)
Height above floor (max)	48 3/4in. (1238mm)
<b>Spindle (in 4J Head)</b>	
Power rating	4 hp (3kW)
Taper	*
<b>Speed Range</b>	
Low-infinitely variable	50-400rpm
High-infinitely variable	450-3500 rpm
<b>Controlled Down Feed Range</b>	
Manual adjust	0.6-2.5ipm (15.2-64mm)

<b>Drilling Capacity</b>	
Mild steel (manual)	1 1/4in. (32mm) diameter
Mild steel (power feed)	3/4in. (19mm)
Milling capacity-mild steel	4 cu.in./min. (64cc/min)
Boring range-mild steel	To 8in. (203mm) diameter
Spindle diameter	2 1/8in. (54mm)
Quill diameter	4 1/4 in. (108mm)
<b>Milling Feed Rate</b>	
X & Y axis	3/8-24ipm (10-610mm)
Z-axis	3/16-12ipm (5-305mm)
<b>Milling Rapid Feed Rate</b>	
X & Y axis	24 ipm (610mm)
Z-axis	12 ipm (305mm)
<b>Space and Weight</b>	
Floor area	7x10ft. (2.1x3.1m)
Height	93in. (2362mm)
Net weight	5220 lbs. (2368 kg)
Shipping weight	6300 lbs. (2858 Kg)
<b>Power</b>	
Electrical-60Hertz	208/230/460/575 volts
3 phase	10.5 KVA
<b>Color</b>	
Standard	gray

\* Must order no. 40 Bridgeport Quick-Change Spindle or #300 Universal  
 Note: Dimensions and specifications subject to change without prior notice.

## Bridgeport Gives You More

- For flexibility, three optional heads can be factory-installed on back of ram: 1HP J head 3HP. 30 min. continuous duty 2J head or Model E vertical shaper head. 4HP 4J head standard on front of ram. Plus options and accessories for every job.
- #40 quick-change spindle optional. Head adjusts 90° left or right, 30° front or back.
- Rugged construction. Extra wide rectangular knee ways to evenly distribute heavy table loads. Optional chrome plated saddle and knee ways. Precision 1 5/8" diameter leadscrew centered between the ways for rigidity. Integrally cast column and base with extra ribbing and webs for strength and rigidity.
- Quality features. Grease-packed spindle bearings for long life accuracy. Automatic lubrication system. Spindle won't start if lube falls below preset level.
- Rugged 4 1/4" diameter quill, chrome plated for long life accuracy. Easy reading satin chrome-plated dials. Automatic overload protection of spindle motor.
- Riser blocks, optional for handling high workpieces.



Financing/Leasing service parts and accessories readily available.

Bridgeport Machines, Inc.  
 500 Lindley Street P.O. Box 32  
 Bridgeport, CT 06606  
 Call toll-free 1-800-243-4292