

Series 1 Milling Machine, with 2J Vari-Drive Head

The Bridgeport Series 1 Standard Mill is the original milling, drilling, and boring machine. It's the mill that's completely manufactured under strict quality control standards in Bridgeport, Connecticut. Bridgeport has built over 300,000 of them, and 50-plus years of experience and on-going refinement ensure that every Series 1 is the ultimate in rigidity and long life. The one-piece column and base, integrally cast with added ribs and our 2J head with its patented airflow cooling system, are just two of these innovations.

The long-term reliability of a Series 1 Mill is the result of its design features, the quality of its components and the craftsmanship of its hand-scraped ways and precision ground fits.

Bridgeport stands behind every Series 1 Standard Machine with the industry's best warranty: 12 months for parts and 12 months for labor.

Bridgeport provides protective devices for the safe use of this equipment. Operation of this equipment may cause injury if the protective devices are removed. A comprehensive safety manual is provided with all machines offered by Bridgeport and recommended safe operating procedures must be adhered to.

Also Available with Acu-Rite DRO, Kurt Power Drawbar and Servo 140 Lb. & 150 Lb. Torque



Features:

- 48" x 9" Table Size
- 2HP, 3HP -30 minute motor, completely balanced. Nickel-plated motor shaft. No lubrication required
- Quill power feed is standard. Quill (3 3/8" dia.) is hard chrome-plated, hand lapped for accuracy and long life. R-8 spindle w/ 5" quill travel
- Quick release micrometer adjust
- Spindle taper is ground while on its own ABC Class 7 bearings, eliminating run out
- Ribbed cast table, precision ground, hand-spotted
- Multiple knee and table locks for high rigidity
- Anti-friction bearings used throughout
- Gibs are full length on saddle and knee
- Bridgeport 50° angular ways, full bearing contact
- Metered one-shot lube system
- Bridgeport patented airflow cooling design uses no external fans
- Bull and pinion gear, completely balanced
- Ram and turret are precision ground for superior fit, extra rigidity. No shims or gibs used. Patented ram and turret locks
- Easy-to-read scales on the ram and turret
- EZ reading dials on the table and cross-slide
- All alignment ways and gibs are completely hand scraped to within tenths of a thousandth, ensuring full bearing support. Single gib screw for easier adjustment
- Chrome-plated ways and gibs to ensure long life and ideal lubricating surface and lowest possible coefficient of friction
- Plated to MIL SPEC QQ-C-320 Class 2-A (exceeds Rockwell C-70)
- Dished column base

FOB: Atlanta, GA

Specifications:

Range	In.	mm
Table travel (X-axis)	36	914
Saddle travel (Y-axis)	12	305
Quill travel	5	127
Quill travel w/ 3rd axis	5	112
Knee travel (z-axis)	16	406
Ram travel	12	305
Throat distance (min.)	6.75	171
Throat distance (max.)	18.75	476
Table to spindle nose gage line (min.)	2.5	64
Table to spindle nose gage line (max.)	18.25	463
Max. weight of work piece	750 Lbs.	341 kg
Table size		
Standard	48 x 9	1219 x 229
T-slots	3 @ 2.5	64 (centers)
T-slot size	0.625	16
Height above floor (max)	47.25	1200
Spindle (2J Head)		
Power rating 30 min. duty cycle	3 HP	2.2 kW
Power rating continuous	2 HP	1.5 kW
Speed Range		
High (infinitely variable)	500 - 4200 RPM	
Low	60 - 500 RPM	
Power quill feed	0.0015 in/rev.	0.038
Manual adjust	0.003 in/rev.	0.152
	0.6 in/rev.	0.152
Space and Weight		
Floor area (door open)	8.2 x 7.3 ft.	2.5 x 2.2 m
Floor area (door closed)	8.2 x 5.3 ft.	2.5 x 1.6 m
Height	6.8 ft.	2.1 m
Net weight	1960 Lbs.	889 kg
Shipping weight	2095 Lbs.	950 kg
Power		
Input power	230 Volts/440	230 Volts
3 phase	60Hz	60Hz

Note: Specifications & Prices subject to change without notice



All electrical components listed or recognized.



Versatile long-term performance from the original all-purpose mill. For over 50 years, the Bridgeport manual mill has been the "original first step" in machining for metalworking shops throughout the world.

Our Machinery Sales and Operations Staff is completely factory trained by Bridgeport. Call Machinery Sales at 1-800-331-1110

Desc.	Order #	Price Ea.
Milling Machine	01950112	\$12400.00
Mill w/Servo 140 Lb./In. Torque Power Feed	01916915	12995.00
Mill w/Servo 140 Lb./In. Torque Power Feed & Acu-Rite DRO	91939082	14995.00