

Bridgeport

Series I and Series II

Standard Turret Millers

For more than thirty years the "Bridgeport" has been the basic machine tool in shops throughout the world. Today there are two "Bridgeports" — the world standard Series I and the Series II, the big new Bridgeport. Both are rugged performers that can take on any machining job in your shop, from prototype to production.

Most Bridgeport machines and accessories are available with inch, metric or inch/metric capability. You can elect to have machines equipped with metric lead screws for positioning the table, saddle and knee. Micrometer quill depth stop also available in metric. Your present Bridgeport Miller may be easily adapted to metric capability by use of inch/metric dials or by replacing lead screws with a Bridgeport metric kit, or Bridgeport optical and digital readout systems with metric or inch/metric capability.

Metrics — we're ready . . . when you are!

Series I

- Milling, drilling and boring heads available in 1½ H.P., 1 H.P. & ½ H.P. models. (see pg. 10)
- Right angle milling, drilling and boring, shaping and flycutting capability with attachments. (see pg. 12)
- Ram type construction permits movement of head without rechecking squareness of the spindle.
- Optional additional heads can be mounted on the rear of the ram.
- Expanding dovetail locks ram and turret into one unit to provide maximum stiffness.
- Column, knee and table are constructed with extra wide ways and taper gibs for maximum rigidity.

Series II

- 4 H.P. 4J variable speed milling, drilling and boring head standard equipment.
- Drilling and boring, shaping and flycutting churning, capability with attachments. (see pg. 12)
- Massive ram provides precise head positioning.
- Solid table accepts loads up to 1,000 pounds (454 kg).
- Wide, rugged saddle supports table rigidly.
- Single casting base and column provides extra strength.
- Patented* flow through cooling system in head reduces distortion from heat build-up.

* U.S. patent number 3,467,177

SPECIFICATIONS	Model BR 2J		Model BRJ		Model BRM		Series II	
	INCH	METRIC	INCH	METRIC	INCH	METRIC	INCH	METRIC
Table lengths	36" 42" 48"	(914) (1067) (1219)	36" 42" 48"	(914) (1067) (1219)	36" 42" 48"	(914) (1067) (1219)	58"	(1473)
Longitudinal travel (manual)	24" 30" 36"	(610) (762) (914)	24" 30" 36"	(610) (762) (914)	24" 30" 36"	(610) (762) (914)	30"	(762)
(power feed)	20" 26" 32"	(508) (660) (813)	20" 26" 32"	(508) (660) (813)	20" 26" 32"	(508) (660) (813)	30"	(762)
Cross travel	12"	(305)	12"	(305)	12"	(305)	15"	(381)
Vertical travel of knee	16"	(406)	16"	(406)	16"	(406)	16"	(406)
Overall height	82½"	(2088)	77½"	(1977)	75"	(1905)	93"	(2362)
Overall depth	63"	(1600)	63"	(1600)	63"	(1600)	80"	(2032)
Overall width	70" 76" 82"	(1778) (1930) (2083)	70" 76" 82"	(1778) (1930) (2083)	70" 76" 82"	(1778) (1930) (2083)	80"	(2032)
Vertical capacity (min.)	0"	(0)	0"	(0)	½"	(12.7)	0"	(0)
(max.)	18½"	(470)	18½"	(470)	20¼"	(514)	15½"	(389)*
Throat (min.)	6¾"	(171)	6¾"	(171)	7½"	(190)	10⅝"	(270)
(max.)	18¾"	(476)	18¾"	(476)	19"	(482)	26⅝"	(676)
Shipping weight (approx.)	2,180 lbs.	(989)	2,130 lbs.	(966)	2,030 lbs.	(920)	5,500 lbs.	(2495)

* with quick change tooling; 16" (406 mm) without quick change tooling.

(Metric specifications in parentheses; inches to mm and lbs. to kilograms)

Product specifications, accessories, and machine appearance are subject to change without notice. Machines shipped may differ in some details, equipment and accessories from those shown in this catalog. Dimensions shown are subject to normal manufacturing tolerances.

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