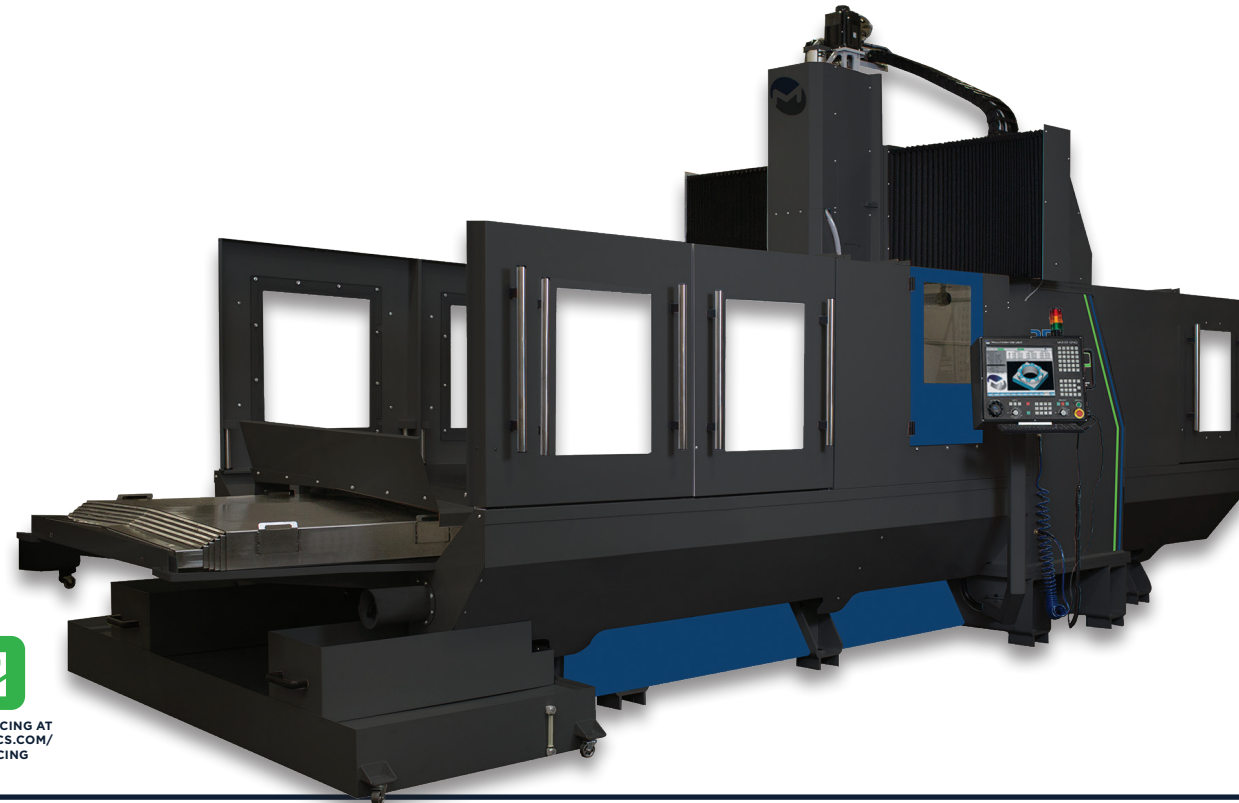


BRIDGE MILLS

40 TAPER INLINE | BR SERIES

The Milltronics BR Series bridge mills are fast machines in between a CNC router and a heavy-duty cast bridge mill. With speeds of up to 1,000 IPM, BR Series mills are built with linear cross roller guides, 24 HP 40 taper BIG-PLUS® inline spindles (either 10,000 or 15,000 RPM), and massive travels. Four different sizes are available up to 200 inches in X-travel by 80 inches in Y-travel. No special foundation is required, making for quick and affordable installation. Popular in high-speed applications such as aluminum, metal fabrications, plastics, wood patterns, and other large parts, the BR Series bridge mills are a faster and more affordable alternative to heavy-duty cast bridge mills.



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GETPRICING

INCLUDED AT NO EXTRA COST

STANDARD FEATURES

- ✓ 1.73 in (45 mm) linear roller way technology
- ✓ 10,000 RPM BIG-PLUS® ISO No. 40 spindle
- ✓ 24/15 HP 2 speed spindle motor
- ✓ Spindle air purge
- ✓ X-axis metal way cover construction
- ✓ Networking
- ✓ Automatic lubrication
- ✓ Tri-color end of cycle light
- ✓ 1,000 IPM rapid traverse rate
- ✓ Solid model graphic display
- ✓ LCD hour meter
- ✓ Single spare "M" function
- ✓ One year warranty
- ✓ 9000 Series Control

OPTIONS

- 35/25 HP two-speed spindle motor
- 15,000 RPM spindle
- Spindle chiller
- Milltronics rotary tables
- Tool and part probing
- Thermal head mapping
- Additional spare "M" functions
- Chip management system (enclosure, flood system, lift-up conveyor)
- Coolant through spindle*
- 40 pocket ATC
- Programmable spray mist and air blast
- Digital Setup Assistant
- Milltronics Shop View
- ChipBoss™ Trochoidal Milling Software
- Removable doors

*Requires purchase of chip management system option

SPECIFICATIONS	BR6150IL	BR8100IL	BR8150IL	BR8200IL
TABLE				
TABLE WORKING SURFACE	60 x 150 in (1,525 x 3,800 mm)	80 x 100 in (2,030 x 2,540 mm)	80 x 150 in (2,030 x 3,800 mm)	80 x 200 in (2,030 x 5,080 mm)
MAXIMUM WEIGHT ON TABLE	5,000 lbs (2,270 kg)	5,000 lbs (2,270 kg)	5,000 lbs (2,270 kg)	5,000 lbs (2,270 kg)
TRAVELS				
X-AXIS	150 in (3,800 mm)	100 in (2,540 mm)	150 in (3,800 mm)	200 in (5,080 mm)
Y-AXIS	60 in (1,525 mm)	80 in (2,030 mm)	80 in (2,030 mm)	80 in (2,030 mm)
Z-AXIS	28 in (710 mm)	28 in (710 mm)	28 in (710 mm)	28 in (710 mm)
SPINDLE				
SPINDLE GAGE LINE TO TABLE DISTANCE	4-32 in (100-810 mm)	4-32 in (100-810 mm)	4-32 in (100-810 mm)	4-32 in (100-810 mm)
SPINDLE TAPER	BIG-PLUS® ISO. No. 40	BIG-PLUS® ISO. No. 40	BIG-PLUS® ISO. No. 40	BIG-PLUS® ISO. No. 40
STANDARD SPINDLE SPEED	10,000 RPM	10,000 RPM	10,000 RPM	10,000 RPM
OPTIONAL SPINDLE SPEED	15,000 RPM	15,000 RPM	15,000 RPM	15,000 RPM
STANDARD AC SPINDLE MOTOR	24/15 HP (18/11 kW) DELTA/WYE	24/15 HP (18/11 kW) INLINE 2 SPEED	24/15 HP (18/11 kW) INLINE 2 SPEED	24/15 HP (18/11 kW) INLINE 2 SPEED
OPTIONAL AC SPINDLE MOTOR	35/25 HP (26/18 kW) DELTA/WYE	35/25 HP (26/18 kW) INLINE 2 SPEED	35/25 HP (26/18 kW) INLINE 2 SPEED	35/25 HP (26/18 kW) INLINE 2 SPEED
STANDARD SPINDLE TORQUE	85 ft-lbs (115 Nm)	85 ft-lbs (115 Nm)	85 ft-lbs (115 Nm)	85 ft-lbs (115 Nm)
OPTIONAL SPINDLE TORQUE	122 ft-lbs (165 Nm)	122 ft-lbs (165 Nm)	122 ft-lbs (165 Nm)	122 ft-lbs (165 Nm)
OPTIONAL AUTOMATIC TOOL CHANGER				
TOOL CAPACITY / TYPE	24 / CAROUSEL	24 / CAROUSEL	24 / CAROUSEL	24 / CAROUSEL
TOOL SHANK	CT40	CT40	CT40	CT40
RETENTION KNOB	MAS 60	MAS 60	MAS 60	MAS 60
MAXIMUM TOOL DIAMETER	3.5 in (89 mm)	3.5 in (89 mm)	3.5 in (89 mm)	3.5 in (89 mm)
MAXIMUM TOOL LENGTH	11 in (280 mm)	11 in (280 mm)	11 in (280 mm)	11 in (280 mm)
MAXIMUM TOOL WEIGHT	15 lbs (7 kg)	15 lbs (7 kg)	15 lbs (7 kg)	15 lbs (7 kg)
FURTHER DETAILS				
X/Y/Z RAPID TRAVERSE RATE	750/1,000 IPM (19/25.4 m/min)	1,000 IPM (25.4 m/min)	750/1,000 IPM (19/25.4 m/min)	750/1,000 IPM (19/25.4 m/min)
MACHINE HEIGHT	151 in (3,835 mm)	151 in (3,835 mm)	151 in (3,835 mm)	151 in (3,835 mm)
FLOOR SPACE REQUIRED - (WIDTH x DEPTH)	379 x 145 in (9,635 x 3,692 mm)	281 x 165 in (7,126 x 4,200 mm)	379 x 165 in (9,636 x 4,200 mm)	492 x 165 in (12,477 x 4,200 mm)
MACHINE WEIGHT	22,000 lbs (9,950 kg)	19,500 lbs (8,770 kg)	24,500 lbs (11,030 kg)	30,000 lbs (13,410 kg)
POWER REQUIRED	48 KVA/125 Amps	48 KVA/125 Amps	48 KVA/125 Amps	48 KVA/125 Amps
VOLTAGE REQUIRED	208-240 Volts/ 3 Phase	208-240 Volts/ 3 Phase	208-240 Volts/ 3 Phase	208-240 Volts/ 3 Phase