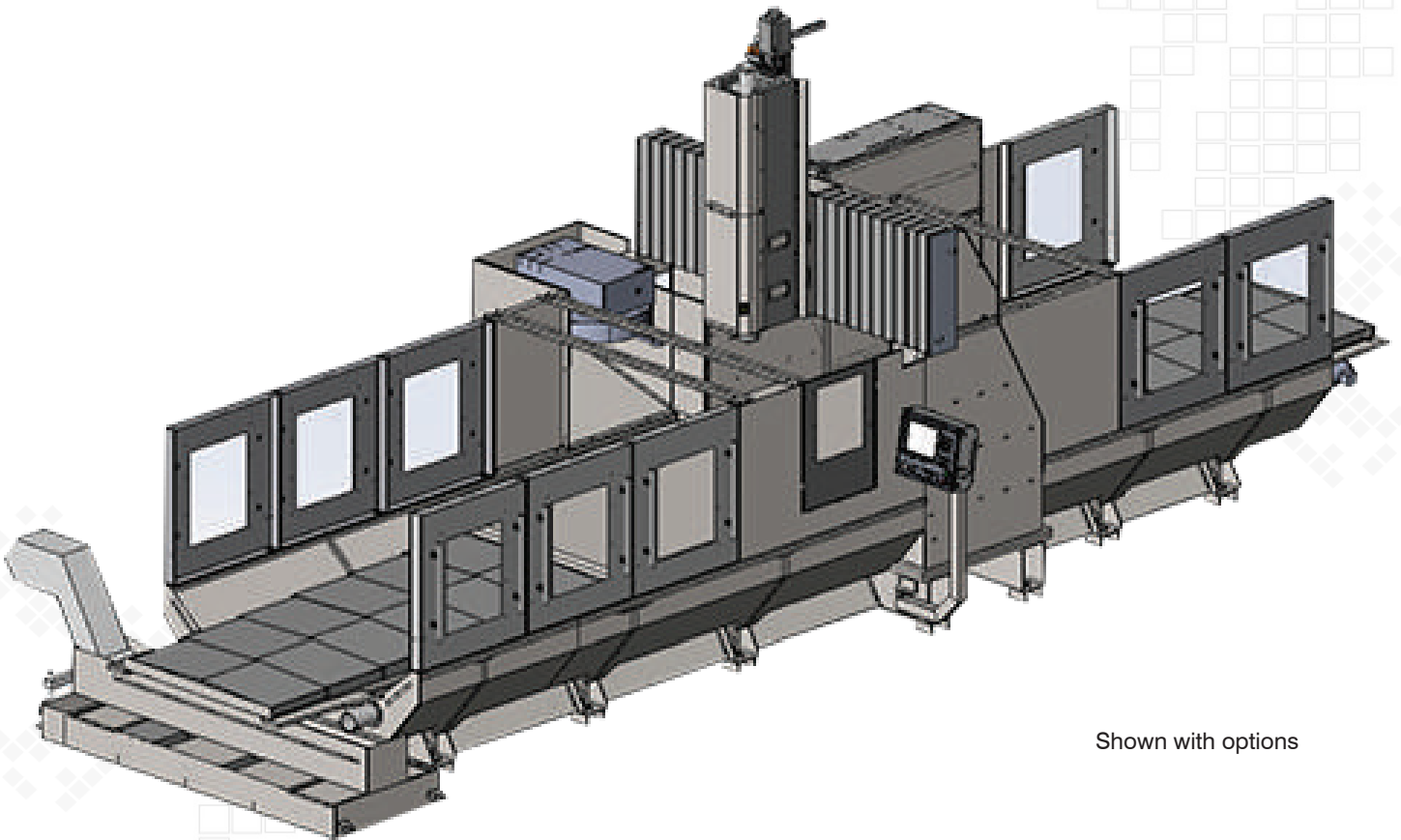


BR8100IL

- Large Travel Bridge Mill
- Table : 80' x 100''
- Travels : 100'' x 80'' x 28''
- Control : 8200-B



Shown with options



MILLTRONICS USA
LET'S INVENT

SPECIFICATIONS:

CAPACITY:

Travels	100 x 80 x 28" (2540 x 2030 x 710 mm)
Table Size	80 x 100" (2030 x 2540 mm)
Allowable Table Load	5000 lbs (2270 kg)

SPINDLE:

Spindle Gage Line to Table Distance	4-32" (100-810 mm)
Spindle Taper	ISO No. 40 BIG PLUS®
Standard Spindle Speed	10,000 RPM
Optional Spindle Speed	15,000 RPM
Standard AC Spindle Motor	24/15 HP (18/11 kW) Inline 2 Speed
Optional AC Spindle Motor	35/25 HP (26/18 kW) Inline 2 Speed
Standard Spindle Torque	85 ft-lbs (115 N.m)
Optional Spindle Torque	122 ft-lbs (165 N.m)

OPTIONAL AUTOMATIC TOOL CHANGER:

Number of Tools	24 Carousel
Tool Shank	CT40
Max. Tool Diameter	3.5" (89 mm)
Max. Tool Length	11" (280 mm)
Max. Tool Weight	15 lbs (7 kg)

MOTION:

X/Y/Z Axis Rapid Traverse Rate	1000 IPM (25.4 m/min)
Max. Cutting Feed Rate	500 IPM (12.5 m/min)
X Axis Ballscrew Diameter	2.48" (63 mm)
Y Axis Ballscrew Diameter	1.57" (40 mm)
Z Axis Ballscrew Diameter	1.25" (32 mm)
Least Command Increment	0.0001" (0.001 mm)
Positioning Accuracy	+/- 0.001" (+/- 0.025 mm)
Positioning Accuracy (full travel)	+/- 0.005" (+/- 0.127 mm)
Repeatability	0.0003" (0.005 mm)
Axis Thrust Force	5000 lbs (2270 kg)

GENERAL:

Machine Height	152" (3850 mm)
Floor Space Required (W x D)	280 x 164" (7125 x 4160 mm)
Machine Weight	19,500 lbs (8770 kg)
Power Required (24/15 or 35/25 HP)	48 KVA / 125 Amps
Voltage Required	208-240 Volts/3 Phase

MACHINE STANDARDS:

- Milltronics 8200-B Series CNC control
- 45 mm Linear Roller Way Technology
- 10,000 RPM Big Plus® spindle
- 24/15 HP 2 speed spindle motor
- Spindle Air Purge
- X-Axis Metal way cover construction
- 12" LCD color display
- Networking
- Automatic lubrication
- Tri-Color End of Cycle Light
- 1000 IPM rapid traverse rate
- Solid model graphic display
- LCD hour meter
- Single spare "M" function
- 1 GB program storage memory
- One year warranty



8200-B CNC

The new standard of control

With its conversational programming, onscreen help, intuitive menus, color graphics and prompted tool settings, the 8200-B CNC helps new operators train faster and become more productive sooner. Shops can choose either conversational, G-code programming, or download tool paths created with a CAM system - whatever is the most efficient way to produce the required part.

CONTROL STANDARDS:

- PC-based 8200-B CNC includes 1 GB parts storage memory
- Enhanced CPU with Block processing speed of 2000 bps with enhanced jerk control and look ahead
- Conversational plus G & M code programming including coordinate rotating, scaling, mirror image, thread mill engraving, helical interpolation, auto routines, and user definable macros with trig assist and irregular pocket clearing
- 12" LCD active matrix color display
- Auto DXF file import
- 3D part and wire frame tool path graphics plus solid modeling graphics
- Management software that allows editing of very large programfiles at the machine
- Spindle loader meter
- User definable macros with trig assist
- USB connectivity
- MTConnect compliant
- Networking

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