

SL6

- Linear Way Turning Center
- Chuck: 6"
- Bar Capacity: 1.25"
- Control : 8200-B



Shown with options



MILLTRONICS USA
LET'S INVENT

SPECIFICATIONS:

CAPACITY:

X Axis Travel	7.5" (190 mm)
Z Axis Travel	21" (530 mm)
Swing Over Way Cover	20" (510 mm)
Swing Over Carriage	9" (230 mm)
Max Turning Diameter	11.75" (300 mm)

SPINDLE:

Spindle Nose	A2-5
Spindle Bar Capacity	1.65" (42 mm)
Chuck Size	6" (152 mm)
Spindle Range	50-6000 RPM
AC Spindle Motor	18/12 HP (13/9 kW)
Max. Spindle Torque	82 ft-lbs (110 N.m)

TURRET:

Number of Tools	12
Tool Size	3/4" (20 mm)
Boring Bar Capacity	1.25" (32 mm)
Tool Selection	Bi-directional

TAILSTOCK (OPTION):

Tailstock Quill Travel	2" (50 mm)
Tailstock Quill Diameter	2.55" (65 mm)
Tailstock Thrust	550 lbs (250 kg)
Tailstock Quill Taper	MT4

MOTION:

X/Z Axis Rapid Traverse Rate	1000 IPM (25.4 m/min)
Max. Cutting Feed Rate	400 IPM (10.16 m/min)
X axis ball screw diameter	1.25" (32 mm)
Z axis ball screw diameter	1.25" (32 mm)
Positioning Accuracy	+/- .00039" (+/- .001 mm)
Repeatability	+/- .00019" (.005mm)
Axis Thrust Force X/Z	1000 lbs. (450 kg)

GENERAL:

Machine Height	63" (1600 mm)
Floor Space Required (W x D)	87" x 68" (2200 x 1730 mm)
Machine Weight	7000 lbs. (3180 kg)
Power Required	23 KVA / 60 amps
Voltage Required	208-240 Volts / 3 Phase

MACHINE FEATURES:

MACHINE STANDARDS:

- Milltronics 8200-B series CNC control
- One Piece Base Casting
- 6000 RPM spindle
- Hydraulic Tailstock w/ foot switch
- Auto lubrication
- 3/4" 12 position turret
- 1.65" Spindle bar capacity
- 6" 3 jaw hydraulic chuck w/ foot switch
- Work lamp
- Flood coolant
- Part, wire frame& solid model graphics
- 1 GB Program Storage Memory
- 12" LCD color display
- Spindle load meter
- Constant Surface Speed
- LCD hour meter
- Full enclosure w/sliding door
- One year warranty

MACHINE OPTIONS:

- Renishaw manual tool setter with macros
- 5C Royal Collet chuck package
- 16C Royal Collet chuck package



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
- 12" LCD active matrix color display
- 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
- 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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