SL8-II

- Slant-Bed Turning Center
- Chuck: 8"
- Bar Capacity: 2.5"
- Control: 9000

Shown with options

MILLTRONICS USA

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SPECIFICATIONS:

CAPACITY:

X Axis Travel	8" (203 mm)
Z Axis Travel	21" (533 mm)
Swing Over Bed	21.7" (550 mm)
Swing Over Cross Slide	11.8" (300 mm)
Max Turning Diameter	14" (356 mm)
Max Turning Length	21" (533 mm)

SPINDLE:

Spindle Nose	A2-6
Draw tube Diameter Spindle	2.54" (64.5 mm)
Bore Diameter	3.07" (78 mm)
Chuck Size	8" (203 mm)
Spindle Range	0-4000 RPM
AC Spindle Motor Maximum	22/15 HP (16/11 kW)
Spindle Torque	164 ft-lbs (222 N.m) @ 725 rpm

TURRET:

Number of Tools	12
Tool Size	1" x 1" (25 x 25 mm)
Boring Bar Capacity	1.5" (40 mm)
Tool Selection	Bi-directional
Turret Index Time (1 position)	0.6 sec.

TAILSTOCK (OPTION):

Tailstock Quill Travel	3.46" (88 mm)
Tailstock Quill Diameter	2.28" (58 mm)
Tailstock Thrust	550 lbs (250 kg)
Tailstock Quill Taper	MT4

MOTION:

X/Y/Z Axis Rapid Traverse Rate	1,181 IPM (30 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	+/- 0.0002" (+/- 0.005 mm)
Repeatability	0.0002" (0.005 mm)
Axis Thrust Force X,Z	1,851 lbs. (8.2 kN)

GENERAL:

Machine Height	74" (1,880 mm)
Floor Space Required (W x D)	144" (3658 mm) x 104" (2,651 mm)
Machine Weight	8,885 lbs. (4,030 kg)
Power Required	17 KVA / 43 amps
Voltage Required	208-240 Volts / 3 Phase

MACHINE STANDARDS:

- 8" 3-jaw hydraulic chuck w/ foot switch
- 2.54" Draw Tube I.D.
- 4,000 RPM spindle
- 12 position auto turret with 1" slots
- True slant bed with one-piece base casting
- Linear motion guideways with Roller Type Bearings
- Full enclosure with sliding door
- Flood coolant
- Auto lubrication
- Milltronics 9000 series CNC control
- Part, wire frame & solid model graphics
- Constant Surface Speed (CSS)
- 120 GB solid-state hard drive
- 15" LCD color touch screen display
- Spindle load meter
- LCD hour meter
- Hydraulic tailstock w/ foot switch (option)
- One-year warranty

9000 CNC
The new standard of control

With its conversational programming, onscreen help, intuitive menus, color graphics and prompted tool settings, the 9000 CNC helps new operators train faster and become more productive sooner. It's a window based platform runs parts programmed conversationally or tool paths generated by a CAM system.

CONTROL STANDARDS:

- Milltronics 9000 CNC includes 120 GB solid state hard drive
- Windows® Intel i5 Dual Core processor
- Enhanced CPU with block processing speed of 3000 bps with enhanced jerk control and look ahead
- 15" color resistive touch screen (LED backlit) 1024 x 768 resolution, driven by a high-end 600 Mhz graphics card featuring an on-board CPU and 1 GB video memory
- Auto DXF file import
- 3D part and wire frame tool path graphics plus solid modeling graphics
- Conversational, G&M code or CAD/CAM programming including coordinate rotating, scaling, mirror image, thread mill, engraving, helical interpolation, auto routines, user definable macros, trig assist and irregular pocket clearing
- Management software that allows editing of large program files at the machine
- MTConnect compliant
- Networking
- Two USB ports
- Mid-travel with tactile feedback keys
- Offline FastCAM software for programming and training

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