SL8-II

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

Shown with options

SUPPORT ONE

MILLTRONICS USA®
LET'S INVENT

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SL8-II

SPECIFICATIONS:

CAPACITY:	
X Axis Travel	8" (203 mm)
Z Axis Travel	21.7" (550 mm)
Swing Over Bed	20.7" (525 mm)
Swing Over Cross Slide	11.8" (300 mm)
Max Turning Diameter	14" (356 mm)
Max Turning Length	20.7" (525 mm)
SPINDLE:	
Spindle Nose	A2-6
Draw tube Diameter	2.59" (66 mm)
Spindle Bore Diameter	3.2" (79 mm)
Max Bar Diameter	2.55" (65 mm)
Chck Size	8" (203 mm)
Spindle Range	0-4000 RPM
AC Spindle Motor	22/15 HP (16/11 kW)
Spindle Torque	133 ft-lbs (180 N.m) @ 870 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
TAILSTOCK (OPTION):	
Tailstock Quill Travel	3.46" (88 mm)
Tailstock Quill Diameter	2.55" (65 mm)
Tailstock Thrust	550 lbs (250 kg)
Tailstock Quill Taper	MT4
MOTION:	
X/Y/Z Axis Rapid Traverse Rate	1000 / 787 IPM (25/ 20 m/min)
Max. Cutting Feed Rate	500 IPM (12.5 m/min)
Least Command Increment	0.0001" (0.001 mm)
Positioning Accuracy	+/- 0.0001" (+/- 0.003 mm)
Axis Thrust Force XY,Z	6065/6065/9531 lbs (2750/2750/4325 kg)
GENERAL:	
Machine Height	123'' (3124 mm)
Floor Space Required (W x D)	150 x 115'' (3810 x 2921 mm)
Machine Weight	38'' (965 mm)
Power Required	22,267 lbs (10,100 kg)
Voltage Required	38 KVA / 100 Amps

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

MACHINE FEATURES:

MACHINE STANDARDS:

- True 30° slant bed - cast iron frame designed with Finite Element Analysis (FEA)
- 30 mm (X) 35 mm (Y) Linear Roller Way Technology
- Heavy-duty belt drive with AC spindle motor and Yaskawa drive
- Pre-tensioned ballscrews doublenut pre-loaded and anchored at both ends with direct coupled AC digital servo drives
- Premium cartridge type chrome-molly spindle, permanently grease packed
- Fully enclosed machine with side sliding door
- Telescopic metal way covers
- Bi-directional 12 station auto turret
- 8'' 3-jaw chuck with hydraulic footswitch
- Automatic positive displacement lubrication system
- Work light
- LCD hour meter
- Single spare "M" function with CNC "wait" channel
- Edit key lockout switch
- Spindle load meter
- Feedrate and spindle speed overrides
- End of cycle light
- Flood coolant
- Air blast hose and chip washdown gun

MACHINE OPTIONS:

- Manual position hydraulic tailstock with programmable quill
- Right discharge lift-up chip conveyor
- Bar feed interface
- Parts catcher
- Renishaw semi-automatic tool setter

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