

SL10-II

- Slant-Bed Turning Center
- Chuck: 10"
- Bar Capacity: 1.5"
- Control : 9000



Shown with options



MILLTRONICS USA
LET'S INVENT

SPECIFICATIONS:

CAPACITY:

X Axis Travel	9.8" (250 mm)
Z Axis Travel	31.1" (790 mm)
Swing Over Bed	22.9" (582 mm)
Swing Over Cross Slide	15.8" (402 mm)
Max Turning Diameter	17.7" (450 mm)
Max Turning Length	29.9" (760 mm)

SPINDLE:

Spindle Nose	A2-8
Draw tube Diameter	3.18" (81 mm)
Spindle Bore Diameter	3.74" (95 mm)
Chck Size	10" (254 mm)
Spindle Range	0-3000 RPM
AC Spindle Motor	29.5/20 HP (22/15 kW)
Max. Spindle Torque	260ft-lbs (352 N.m) @ 600 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	4.7" (119 mm)
Tailstock Quill Diameter	3.54" (90 mm)
Tailstock Quill Taper	MT5

MOTION:

X & Z Axis Rapid Traverse Rate	1181 IPM (30 m/min)
Max. Cutting Feed Rate	400 IPM (10.16 m/min)
X Axis Ball Screw Diameter	1.25" (32 mm)
Y Axis Ball Screw Diameter	1.57" (40 mm)
Positioning Accuracy *	0.0002" (0.005 mm)
Repeatability*	+/- 0.0002" (+/- 0.005 mm)
Axis Thrust Force X & Z	2,808 lbs. (12.5 kN)

GENERAL:

Machine Height	73.5" (1,868 mm)
Floor Space Required (W x D)	163.9" x 112.4" (4163 x 2,854 mm)
Machine Weight	11,028 lbs. (5,002 kg)
Power Required	24 KVA / 59 amps
Voltage Required	208-240 Volts / 3 Phase / 60 Hz

MACHINE STANDARDS:

- 10" 3-jaw hydraulic chuck w/ foot switch
- 3.18" Draw Tube I.D.
- 3,000 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

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