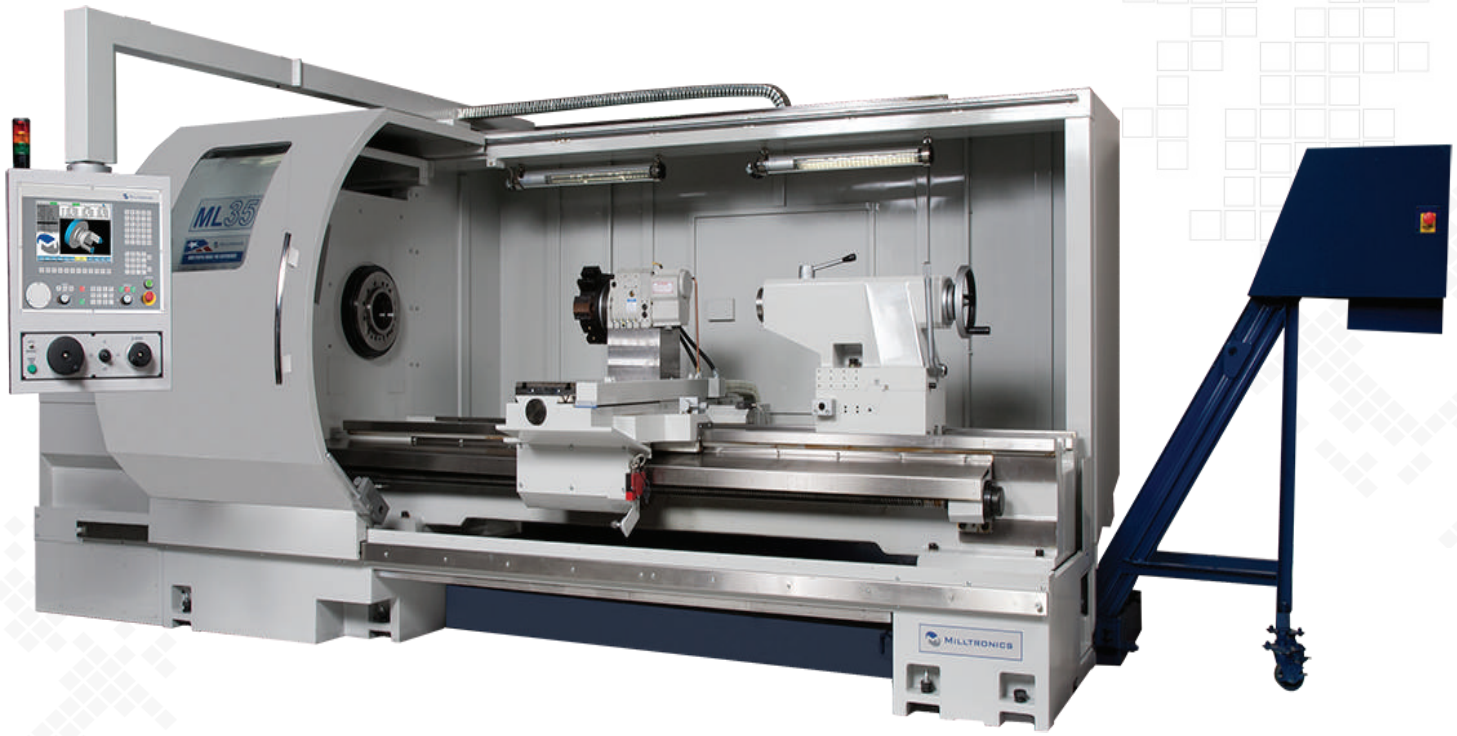
ML35/160

- Combination Lathe
- Swing: 36.2”
- Spindle Bore: 6.02”
- Control : 8200-B



Shown with options

SUPPORT ONE

MILLTRONICS USA
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1400 Mill Lane | Waconia, MN 55387 | Sales@milltronics.com | 888.999.1440 | www.milltronics.com

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ML35/160

SPECIFICATIONS:

CAPACITY:	
X/Z Travels	19 / 160" (480 / 4000 mm)
Swing Over Bed	36.2" (920 mm)
Swing Over Gap	45" (1150 mm)
Gap Distance	14.6" (370 mm)
Swing Over Cross Slide	21.6" (550 mm)
SPINDLE:	
Spindle Nose	A2-11
Splindle Bore	6.02" (153 mm)
Spindle Range	10-900 RPM
	Low Range 10-375 High Range 10-900
AC Spindle Motor	35/25 HP (26/18 kW)
Spindle Torque	1850 ft-lbs (2500 N.m)
TAILSTOCK:	
Tailstock Quill Travel	8" (200 mm)
Tailstock Quill Diameter	4.92" (125 mm)
Tailstock Quill Taper	MT6
AUTOMATIC TURRET:	
Number of Tools	8
Tooling Size	1.5" (38 mm)
Boring Bar Capacity	2" (50 mm)
Tool Selection	Bi-directional
MOTION:	
X/Y/Z Axis Rapid Traverse Rate	500 IPM (12.7 m/min)
Max. Cutting Feed Rate	100 IPM (2540 mm/min)
X Axis Ballscrew Diameter	1.57" (40 mm)
Y Axis Ballscrew Diameter	3.15" (80 mm)
Positioning Accuracy	+/- 0.00025" (+/- 0.0063 mm)
Repeatability	0.00039" (0.010 mm)
Axis Thrust Force X, Z	6700 lbs (3000 kg)
GENERAL:	
Machine Height	90" (2286 mm)
Floor Space Required (W x D)	272 x 110" (6909 x 2794 mm)
Machine Weight	27,400 lbs (12,500 kg)
Power Required	48 KVA / 125 amps
Voltage Required	208-240 Volts / 3 Phase

MACHINE STANDARDS:

- Milltronics 8200-B series CNC control
- Solid box way bed construction
- 900 RPM spindle
- Tailstock
- Auto lubrication
- Metal enclosure w/ front traveling guard
- 6.02" Spindle bore w/ A2-11 Nose
- Rear mount chuck flange
- 12" LCD color display
- 2 Speed gear box
- Spindle load meter
- Flood coolant
- Solid model graphic display
- USB Port
- Gap bed design
- 8 Station1 ½" automatic turret
- LCD hour meter
- Thread chasing feature
- One year warranty
- Constant Surface Footage (CSS)

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 modelinggraphics
- 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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