

ML26/40

- Combination Lathe
- Swing: 27"
- Spindle Bore: 3.22"
- Control : 8200-B



Shown with options



MILLTRONICS USA
LET'S INVENT

SPECIFICATIONS:

CAPACITY:

| | |
|------------------------|------------------------|
| X/Z Travels | 13/42" (330 / 1066 mm) |
| Swing Over Bed | 27" (685 mm) |
| Swing Over Gap | 34.2" (870 mm) |
| Gap Distance | 12.75" (320 mm) |
| Swing Over Cross Slide | 16.1" (410 mm) |

SPINDLE:

| | |
|------------------|-----------------------------|
| Spindle Nose | A1-8 |
| Spindle Bore | 3.22" (82 mm) |
| Spindle Range | 40-2000 RPM |
| AC Spindle Motor | 24/15 HP (18/11 kW) 2 Speed |
| Spindle Torque | 1050 ft-lbs (1423 N.m) |

TAILSTOCK:

| | |
|--------------------------|----------------|
| Tailstock Quill Travel | 6" (150 mm) |
| Tailstock Quill Diameter | 3.94" (100 mm) |
| Tailstock Quill Taper | MT5 |

AUTOMATIC TURRET:

| | |
|---------------------|----------------|
| Number of Tools | 8 |
| Tooling Size | 1" (25 mm) |
| Boring Bar Capacity | 1.5" (38 mm) |
| Tool Selection | Bi-directional |

MOTION:

| | |
|-------------------------------|------------------------------|
| XY/Z Axis Rapid Traverse Rate | 500 IPM (12.7 m/min) |
| Max. Cutting Feed Rate | 100 IPM (2540 mm/min) |
| X Axis Ballscrew Diameter | 1.25" (32 mm) |
| Y Axis Ballscrew Diameter | 1.77" (45 mm) |
| Positioning Accuracy | +/- 0.00025" (+/- 0.0063 mm) |
| Repeatability | 0.0002" (0.005 mm) |
| Axis Thrust Force X, Z | 4000 lbs. (1815 kg) |

GENERAL:

| | |
|------------------------------|----------------------------|
| Machine Height | 83" (2108 mm) |
| Floor Space Required (W x D) | 126 x 84" (3200 x 2133 mm) |
| Machine Weight | 9,500 lbs. (4300 kg) |
| Power Required | 30 KVA / 80 amps |
| Voltage Required | 208-240 Volts / 3 Phase |

MACHINE FEATURES:

MACHINE STANDARDS:

- Fully ground square box ways with Turcite
- Automatic metered lubrication with low lube fault
- Flood coolant pump with nozzle
- Chuck guard with safety switch
- Tail stock with adjustable quill and safety switch
- Precision ground ball screws
- Heavy duty metal enclosure with full front guarding and sliding doors
- Chip drawer chip containment system
- Gap bed design
- Door interlock safety switch
- Handwheel controlled program execution
- Dual electronic handwheel for teach, manual or automatic operation
- Single spare "M" function and CNC "wait" channel
- Work lamp
- End of cycle light
- Remote electronic handwheel
- Tail stock latch and auto-position
- Edit key lock out switch
- 8 position turret
- High torque AC digital servo drives
- UL certified

MACHINE OPTIONS:

- Roller type steady rest
- Follow rest
- Manual chucks
- 5 C collet closer
- Hydraulic chuck packages



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 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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