

RH20

- 3 Axis CNC Bed Mill
- Table : 54" x 16"
- Travels : 40" x 20" x 24"
- Control : 8200-B



Shown with options



MILLTRONICS USA
LET'S INVENT

SPECIFICATIONS:

CAPACITY:

X/Y/Z Travels	40 x 20 x 24" (1015 x 510 x 610 mm)
Table Size	54 x 16" (1370 mm x 405 mm)
Allowable Table Load	2500 lbs. (1130 kg)
T-Slot Size	.63" (16 mm)

SPINDLE:

Spindle Gage Line to Table Distance	2-26" (50-660 mm)
Column to Spindle Center	21" (530 mm)
Spindle Taper	ISO No. 40
Spindle Speed (std)	8,000 RPM
AC Spindle Motor	24/15 HP (18/11 kW)
Spindle Torque (w/8,000 RPM)	85 ft-lbs (115 N.m)

MOTION:

X/Y/Z Axis Rapid Traverse Rate	500/300 IPM (12/7.6 m/min)
Max. Cutting Feed Rate	300 IPM (7.6 m/min)
Positioning Accuracy	+/- 0.00039" (+/- 0.010 mm)
Repeatability	0.0002" (0.005 mm)
Axis Thrust Force X/Y/Z	3000/4000 lbs. (1360/1800 kg)

OPTIONAL AUTOMATIC TOOL CHANGER

ATC Type	24 Carousel
Tool Shank	CT40
Pull Stud	MAS 60° Retention Knob Style
Max. Tool Diameter	3.5" (80 mm)
Max. Tool Length	6" (150 mm)
Max. Tool Weight	15 lbs. (7 kg)

GENERAL:

Machine Height	103" (2616.2 mm)
Floor Space Required (W x D)	129 x 82" (3276.6 x 2083 mm)
Machine Weight	8000 lbs. (3628 kg)
Power Required	30 KVA / 80 amps
Voltage Required	208-240 Volts / 3 Phase

MACHINE STANDARDS:

- Milltronics 8200-B Series CNC control
- 12" LCD color display
- Solid model graphic display
- 1 GB program storage memory
- DXF file import
- Networking
- Solid Box Way Construction
- 8000 RPM spindle
- X/Y axis metal way cover construction
- Auto lubrication
- CT40
- 24/15 HP spindle motor
- Spindle load meter
- Spindle air purge
- Flood Coolant
- Rigid tapping
- LCD hour meter
- One year warranty



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 program files at the machine
- Spindle loader meter
- User definable macros with trig assist
- USB connectivity
- MTConnect compliant
- Networking

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