

CNC Production Center



CATALOG NUMBER

For 5' x 8' travel

HX33VBM48 96010

Gantry Clearance

- 0 7.5" (6.8" Z travel)
- 3 12" (10.8" Z travel)
- 5 20" (18.7" Z travel)

For 4' x 4' travel

HX33VBM50 50

Gantry Clearance

- 0 7.5" (6.8" Z travel)
- 3 12" (10.8" Z travel)
- 5 20" (18.7" Z travel)

Frame

- 0 Closed
- 1 Open

Screw Pitch

- 05 5 mm
- 10 10 mm
- 20 20 mm

NOTES: Z-axis travel can be specified independent of gantry clearance
4' x 4' frame available with stepper motor upon request

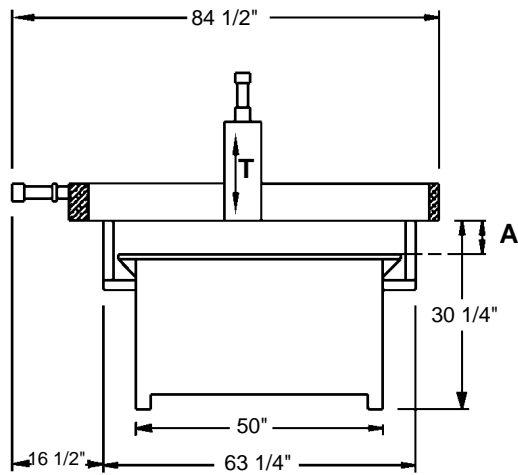
FEATURES

- Anti-backlash ball screws on all axes
- Aluminum dust cover with Teflon lip seals to provide long-lived protection to internal components
- Rapid speeds up to 700 ipm
- Cutting speeds up to 400 ipm
- 3-axis servo drive
- Heavy duty T-slotted surface
- Optional open frame on 4' x 4' model is suitable for flash trimming, glue dispensing and conveyor belt applications
- Home reference switch with ± 0.01 mm repeatability
- Patented bearing guides
- Z-axis travel of 6.8", 10.8" or 18.7"
- Z-axis features magnetic brake to maintain position when power to motor is interrupted
- System includes all the necessary electronics & cables to interface to an IBM compatible PC*

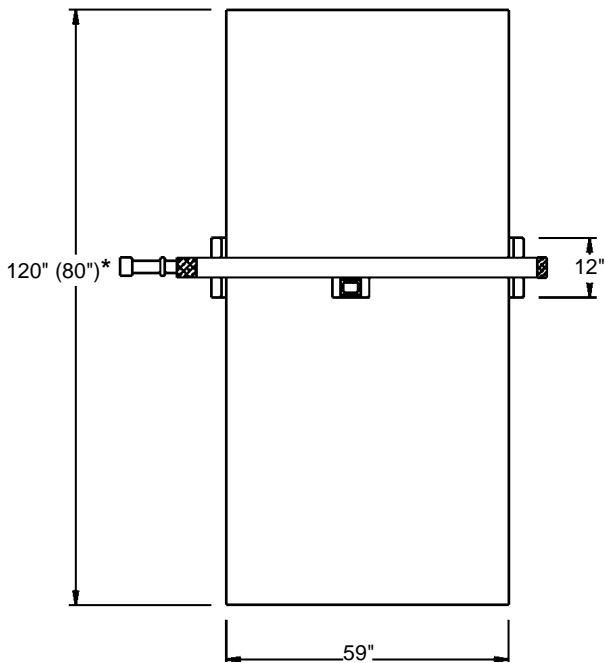
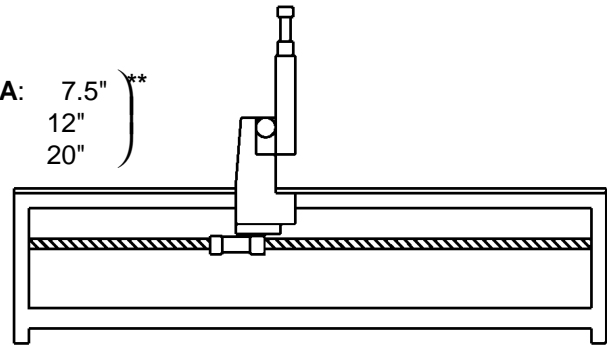


*COMPUTER REQUIREMENTS (Minimum)

- 486-DX33 IBM PC or compatible
- 1 16-bit ISA slot



(A: 7.5"
12"
20")**



* Numbers in parentheses indicate dimensions of 50 x 50 model.

** "A" dimension indicates Gantry clearance

SPECIFICATIONS	HX33VBM48□96010	HX33VBM50□50005
Travel	5' x 8' (59" x 96")	4' x 4' (50" x 50")
Work Surface Area	59" x 120"	59" x 80"
Repeatability	±0.001"	±0.001"
Positioning Accuracy	±0.004/12" per axis	±0.004/12" per axis
Maximum Z-Axis Load	50 lbs	50 lbs
Rapid Speed	700 in/min	360 in/min
Cutting Speed	400 in/min	200 in/min
Resolution	0.0002"	0.0001"
Table Flatness	0.008"/12"	0.008"/12"