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Vertical Machining Center

TM series



TM-764

VICTOR®

Machinery Solutions, Inc.

3111 Via Mondo, Rancho Dominguez, CA 90221

Tel 310-537-2522 Fax 310-637-0490

Email: info@victormachines.com

Products Range:

- CNC Horizontal Machining Center
- CNC Double Column Vertical Machining Center
- CNC Vertical Machining Center
- CNC Turning Center
- CNC Lathe

AEC-140710

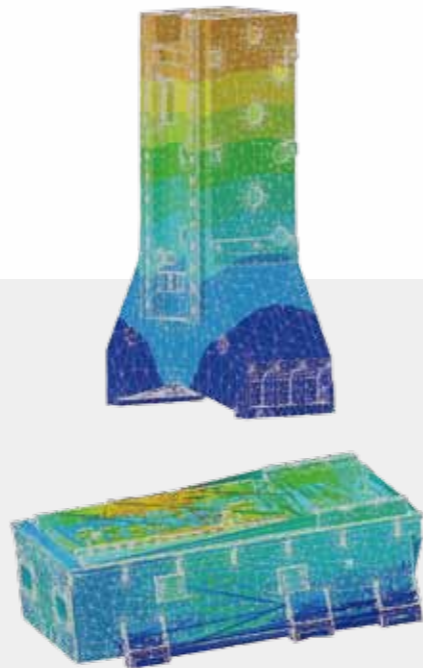
VICTOR

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PRECISION COMES FROM RIGIDITY, AND RIGIDITY COMES FROM STRUCTURAL STRENGTH.



Vertical Machining Center TM-764



CAD 3D and FEM Analyze

CAD 3D and FEM software were used to analyze the stress, vibration and temperature change of the mechanical structure, ensuring optimized design of mechanisms and components.

- X/Y/Z- axis travels: 29.9"/15.7"/21.7"
- X/Y/Z- axis rapids: 1890ipm
- Standard spindle taper: ISO No.40

CAT-40 Tool Shank & Pull Stud

Unit:inch

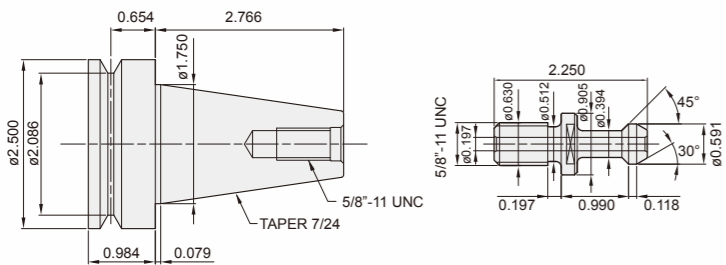
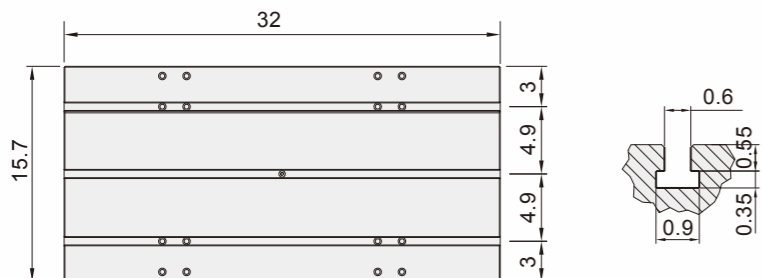
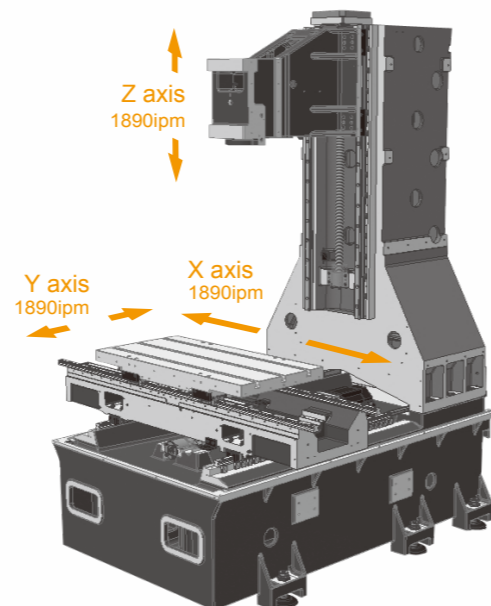


Table dimension

Unit:inch

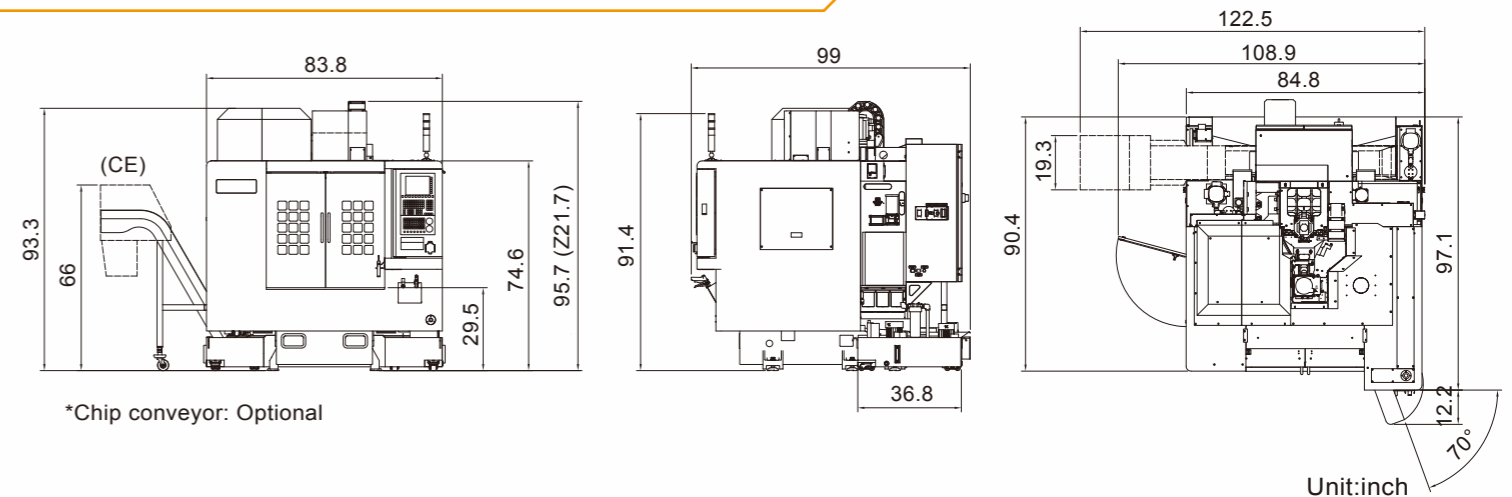


3-Axes Rapid Traverse



Dimensional drawings

Unit:inch



*Chip conveyor: Optional

Unit:inch

Item	Specification	TM-764		
CNC Controller		Mitsubishi M70A	Siemens 828D	Fanuc 0iMD
Table	Size / T-Slots	31.9" x 15.7" / 0.55" x 3		
	Max. Load Capacity	550lbs		
Travel	X,Y,Z Axis	29.9" x 15.7" x 21.7"		
	Spindle nose to table surface	4.7" ~ 26.4"		
Spindle	Taper	ISO No.40 (CAT-40)		
	Max. Speed (rpm)	15000	15000	12000
	Transmission	Direct-Drive		
	Motor	10hp	7hp	10hp
ATC	Capacity	20(Arm Type)		
	Max. Tool Weight	17.6lbs		
	Pull Stud	MAS403 P40T-1 (45°)		
	Tool Change Time (T.-T.)	1.8sec		
Feedrate	Cutting Feed Rate	472.5ipm		
	X,Y,Z-axis Rapid Traverse	X,Y,Z: 1890ipm		
Dimension	Floor space (LxWxH)(Approx.)	84.6" x 102.4" x 94.5"		
	Net Weight (Approx.)	8030lbs		
	Gross Weight (Approx.)	8690lbs		

To keep improvement new design, the specifications will change without prior notice.

(220V/60HZ)

Standard accessories

Optional Accessories

- | | | | |
|---|--|--|--|
| 1. CNC controller system :
Mitsubishi : M70A
Siemens : 828D
Fanuc : 0iMD | 10. Heat exchanger
11. Rigid tapping
12. Auto. power off
13. Working light | 1. 4th axis CNC rotary table
2. Scraper type chip conveyor
3. Chip cart | 13. AICC function/40 blocks (Fanuc)
14. AICC II function/200 blocks (Fanuc) |
| 2. Spindle speed/power (CAT-40) :
Mitsubishi : 15000rpm / 10hp
Siemens : 15000rpm / 7hp
Fanuc : 12000rpm / 10hp | 14. Warning light
15. Air gun
16. Tool kit & box
17. Leveling bolts & pads
18. Coolant & chip tank | 4. 3-axes optical scale
5. Precision linear scale
6. Water gun
7. Air conditioner (electrical cabinet) | |
| 3. Spindle oil cooler
4. 20 tools arm type magazine
5. Fully enclosure
6. T-slots table
7. Coolant system
8. Flush system
9. Auto. lubrication system | | 8. Auto. tool length measurement
9. Oil mist collection system
10. Transformer
11. Voltage regulator
12. Data server (Fanuc) | |