

CNC Vertical Machining Center

Heracles VM33



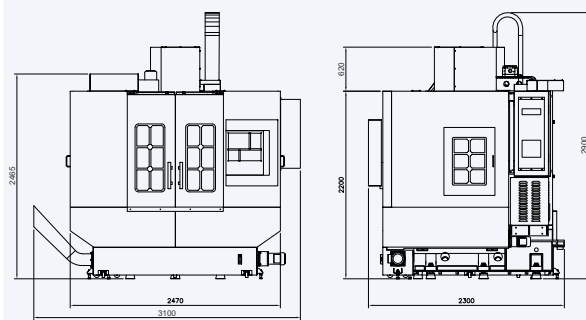
Heracles Prowess For Ascendancy

CNC Vertical Machining Center **Heracles VM33**

SPECIFICATIONS

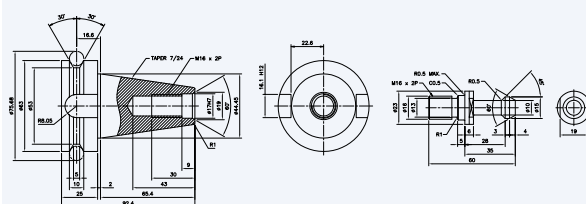
TABLE			
Table Size	mmxmm	510 x 1000 (20" x 39.37")	
Max. Loading Weight	kg	800 (1760 lb)	
T-Slot (W x Nos. x P)	mm	18 x 5 x 100	
Distance from Spindle Nose to Table Top Surface	mm	155 - 765 (6.10" x 30.11")	
TRAVEL			
X-Axis	mm	840 (33")	
Y-Axis	mm	510 (20")	
Z-Axis	mm	610 (24")	
FEED RATE			
Rapid Travers (X, Y, Z Axes)	m/min	30 x 30 x 30 (1181 x 1181 x 1181 ipm)	
Cutting Feed	m/min	10 (394 ipm)	
SPINDLE			
Spindle Speed (Opt.)	rpm	8000 (10000)	
Max. Spindle Power (Opt.)	mm	7.5/11 (11/15)	
Spindle Bore Taper		ISO-40 (BT-40)	
AUTOMATIC TOOL CHANGER			
No. of Tools (Opt.)	nos.	24 (30)	
Max. Tool Diameter with Adjacent Pocket Full / Empty	mm	Ø75 / Ø150 (Ø2.95"/Ø5.9")	
Max. Tool Length	mm	250 (9.84")	
Max. Tool Weight	kg	8 (17.6 lb)	
Tool Change Time (Tool to Tool)	sec	2.5	
Tool Shank		ISO-40 (BT-40)	
Pull Stud Type		MAS 407 (BT)	
AUTOMATIC PALLET CHANGER (Option)			
No. of Pallets	nos.	2	
Max. Safe Load per Pallet	kg	400 (880 lb)	
Pallet Size	mmxmm	410 x 800 (16.14" x 31.49")	
ACCURACIES			
Positioning Accuracy	mm	VDI 3441 +/- 0.010	JIS +/- 0.005
Repeatability	mm	0.005	0.0025
MACHINE SIZE AND POWER			
Length (With Conveyor)	mm	3130 (122.23")	
Height	mm	2900 (114.17")	
Width	mm	2300 (90.55")	
Weight	kg	6450 (14190 lb)	
Power Consumption (without options)	kva	30	
Pneumatic Supply	bar	6	
CONTROL			
CNC System		Fanuc Oi-Mate MD Mitsubishi M70	

MACHINE DIMENSIONS



TOOLING SYSTEM

ISO-40 (BT-40) TOOLING SYSTEM



HIGHLIGHTS OF Heracles VM 33

STANDARD FEATURES

- Precision Linear Motion Guides for X & Z Axes.
- Rigid Tapping
- Spindle Air Blast
- Pre-Tensioned Ball Screws for all axes
- Left & Right Chip Augers
- Bottom Chip Auger with Coolant Tank
- Panel Cooler for Electrical Cabinet
- Fully Enclosed Splash Guards

OPTIONAL FEATURES

- Spindle Oil Cooler
- Coolant Through Spindle
- Auto Tool Length Measurement
- Work Piece Measurement
- Linear Scales
- High Pressure Coolant Pump
- 4th Axis Rotary Table Unit

OTHER PRODUCTS

- * CNC Chucker Midas 0g
- * CNC Chucker Midas 0
- * CNC Universal Turning Machine Midas 4i
- * CNC Twin Spindle Turning Center Midas 4GG
- * CNC Universal Turning Machine Midas 6
- * CNC Universal Turning Machine Midas 6 Plus
- * CNC Universal Turning Machine Midas 8i
- * CNC Universal Turning Machine Midas 10
- * CNC Turn-Mill Center Midas T45 / T45M / T45S / T45SM
- * CNC Turn-Mill Center Midas T65 / T65M / T65S / T65SM
- * Galaxy - Biglia CNC Multi - Tasking Machines

As upgradation is a continuous process, the specifications are subject to change without notice and all accessories shown are not part of standard feature



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