

Heracles Prowess For Ascendancy



High Speed CNC Vertical Machining Centre

Heracles 24 PC

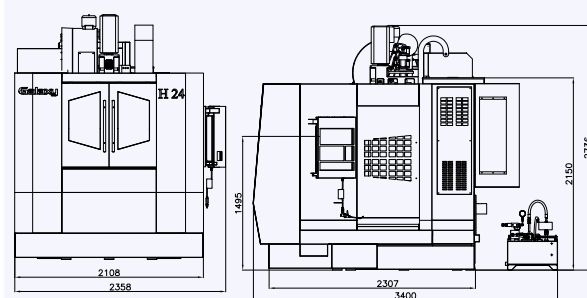


High Speed CNC Vertical Machining Centre **Heracles 24 PC**

SPECIFICATIONS

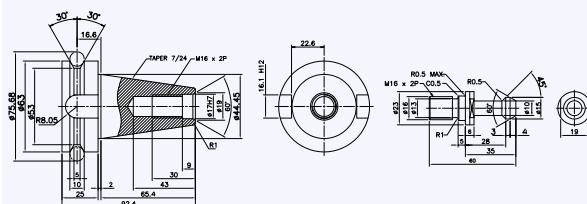
TABLE			
Table Size	mmxmm	800x450	
Loading Weight, Max.	kg	600	
T-Slot (W x Nos. x P)	mm	-	
TRAVEL			
X-Axis	mm	650	
Y-Axis	mm	450	
Z-Axis	mm	510	
Distance from Spindle Nose to Table Top	mm	150-660	
Distance from Spindle Center to Column	mm	500	
AXES			
Guideways (X, Y, Z Axes)		Linear Motion Roller Guides	
Rapid traverse (X, Y, Z Axes)	m/min	48 x 48 x 48	
Cutting Feed	mm/min	24000	
SPINDLE			
Spindle Speed	rpm	12000	
Spindle Power (Short/Continuous Duty)	kw	11/7.5	
Spindle Bore Taper		ISO40	
AUTOMATIC TOOL CHANGER			
Type of ATC		Cam-Driven Twin Arm-Disc	
No. of Tools (Std./Opt.)	nos.	24/40/60	
Tool Shank		Bt40	
Tool Diameter, Max.			
-with Adjacent Pockets Empty	mm	150	
-with Adjacent Pockets Full	mm	75	
Tool Length, Max.	mm	250	
Tool Weight, Max. (Std.)	kg	8	
(Opt.)	kg	-	
Tool Change Time (Tool-to-Tool)	sec	2.5/1	
Tool Selection Method		Random	
Pull Stud Type		MAS 407 (BT)	
AUTOMATIC PALLET CHANGER (Option)			
Type of Pallet Changer		Front Mounted-Rotary	
No. of Pallets	nos	2	
Load per Pallet, Max.	Kg	250	
Pallet Size	mm	600x400	
Pallet Change Time	sec	8	
ACCURACIES			
Positioning Accuracy	mm	JIS	VDI 3441
Repeatability	mm	+/-0.005	+/-0.010
		0.0025	0.005
MACHINE SIZE & POWER (Std.)			
Length	mm	3140	
Width	mm	2170	
Height	mm	2700	
Weight	kg	6200	
Power Consumption	kva	25	
Pneumatic Supply	bar	6	
CONTROL			
CNC System		Fanuc-0i-MF	
Axis Servo Drive & Motor		Fanuc-βis	
Spindle Servo Drive & Motor		Fanuc-βil	

MACHINE DIMENSIONS



TOOLING SYSTEM

ISO-40 (BT-40) TOOLING SYSTEM



HIGHLIGHTS OF Heracles 24 PC

STANDARD FEATURES

- Precision Linear Motion Guides for X,Y and Z Axes
- Rigid Tapping
- Spindle Air Blast
- Pre-Tensioned Ball Screws for all axes
- Panel Cooler for Electrical Cabinet
- Fully Enclosed Splash Guards
- Pneumatic System
- Spindle Oil Cooler

OPTIONAL FEATURES

- Coolant Through Spindle
- Auto Tool Length Measurement
- Work Piece Measurement
- Linear Scales
- High Pressure Coolant Pump
- 4th and 5th Axes Rotary Table Unit

OTHER PRODUCTS

- CNC Turn-Mills
- CNC Twin Spindle Lathes
- CNC Sliding Head Swiss Automats
- CNC Multi-Tasking Turn-Mills
- CNC Integrated Turn-Mill cum Machining Centres
- CNC Vertical Machining Centres
- High Speed CNC Drill-Tap Centres
- Robotic Automation
- Agile Loaders
- Unmanned Factory Production Lines

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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