

MAXIMIZE PRECISION, BOOST PRODUCTIVITY



Performance
Vertical Machining
Center

Key Features

- High- Speed Spindle & Precision
- High Rigid Structure
- Advanced Control System
- Efficient Chip Management System

Industries

-  Automotive
-  Aerospace
-  General Engineering
-  Medical & more...

Technical Specification

Description		Unit	PVM 855	PVM 1055	PVM 1165	PVM 1265
Table	Table Size	mm	1000 X 500	1100 X 500	1200 X 600	1300 X 600
	Max. Load Capacity	kg	600		800	
	T-Slots	mm	5 X 18-100			
	Dist. Table Surface to Spindle	mm	120 - 720			
Spindle	Spindle Taper	type	BBT40			
	Spindle Speed	rpm	12,000			
	Spindle Driving Method	type	Direct Drive			
	Main Spindle Power Output	kw	11 / 15			
	Max. Spindle Torque	nm	118 @ 1500 rpm			
Feed	Travel (X/Y/Z)	mm	850 / 550 / 600	1000 / 550 / 600	1100 / 650 / 600	1200 / 650 / 600
	Rapid Rate (X/Y/Z)	m/min	48 / 48 / 36		36 / 36 / 32	
	Feed Rate (X/Y/Z)	m/min	12			
	Guideways	type	Roller Guideways			
ATC	Number of Tools	nos.	24 (30 / 32)			
	Max. Tool Dia. (W.T / W.O)	mm	Ø78 / Ø120a			
	Max. Tool Length	mm	300			
	Max. Tool Weight	kg	8			
	Tool Change Time	sec	2.5			
Accuracy	Positioning	mm	0.008			
	Repeatablity	mm	0.004			
Power Supply	Air Consumption	bar	6~8			
	Electric Power Supply	kva	21		36	
	Voltage	v/hz	380v±10% 50hz			
Machine	Machine Size	mm	2650 X 2700 X 2850	2650 X 2700 X 2850	3200 X 2985 X 2960	3200 X 2985 X 2960
	Weight	kg	4,500	5,000	5,500	6,000
	Controller	type	Mitsubishi / Fanuc / Siemens			

*Technical specifications and optional items may be subject to change without prior notice.

Standard Accessories

- Spindle Speed 12,000 RPM Direct Drive
- Spindle Oil Chiller
- ATC 24 Tools
- Pretensioned Ballscrew on X/Y/Z axes
- Manual Pulse Generator
- Rigid Tapping
- CF / USB interface
- Auto Power OFF
- Door Interlock
- LED Machine Light
- Auto Lubrication System
- Spindle Air Blast
- Air Gun
- Coolant Gun
- Panel AC
- Coolant Tank with Chip Tray
- Spindle Coolant Nozzles, Ring Spray
- Pneumatic system
- Fully Enclosed Splash Guard
- Transformer
- levelling Bolts & Blocks
- Tools and Tools Box
- Manuals
- Standard Machine Color

