

MAXIMIZE PRECISION, BOOST PRODUCTIVITY



Performance
Vertical Machining
Center

Key Features

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

Industries

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

Technical Specification

Description		Unit	PVM 1370	PVM 1570
Table	Table Size	mm	1500 X 680	1600 X 700
	Max. Load Capacity	kg	1000	1200
	T-Slots	mm	5 X 18 - 125	5 X 18 - 125
	Dist. Table Surface to Spindle	mm	200 - 850	150 - 850
Spindle	Spindle Taper	type	BBT40	BBT40
	Spindle Speed	rpm	12,000	12,000
	Spindle Driving Method	type	Direct	Direct
	Main Spindle Power Output	kw	11 / 15	11 / 15
	Max. Spindle Torque	nm	118nm @ 2000	118nm @ 2000
Feed	Travel (X/Y/Z)	mm	1300 X 700 X 650	1500 X 700 X 700
	Rapid Rate (X/Y/Z)	m/min	36 / 36 / 24	24 / 24 / 15
	Feed Rate (X/Y/Z)	m/min	12	12
	Guideways	type	Roller	Roller
ATC	Number of Tools	nos.	24	24
	Max. Tool Dia. (W.T / W.O)	mm	Ø78 / Ø120	Ø110
	Max. Tool Length	mm	300	300
	Max. Tool Weight	kg	8	8
	Tool Change Time	sec	2.5	3.5
Accuracy	Positioning	mm	0.010	0.010
	Repeatablity	mm	0.005	0.005
Power Supply	Air Consumption	bar	6-8	6-8
	Electric Power Supply	kva	30	30
	Voltage	v/hz	380v±10% 50hz	380v±10% 50hz
Machine	Machine Size	mm	3500 X 2800 X 2700	5250 x 2965 x 3360
	Weight	kg	8000	10000

*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



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