

VERTICAL MACHINING CENTER VDM866H



● Standard configurations

- Mitsubishi M80B CNC System
- Roller Linear Guides
- 12000 RPM Direct Drive Spindle (Spindle Oil Cooling Device)
- 24T Arm-type ATC
- Rapid Traverse Speed of 48m/min
- High Flow Coolant System
- Dual Slant Bed Design with Rear Disposal and Rear Coolant Tank
- MPG
- Electrical Cabinet Heat Exchanger
- Interior Door Safety Guard

○ Optional

- FANUC 0i-MF PLUS(5), GSK25MC, KND K2000MF3i
- 15000 RPM Direct Drive Spindle
- Center Coolant through Spindle + 2MP (5~7MP) High-Pressure Unit
- 11/15 kW Spindle Motor
- Internal Spiral Chip Conveyor
- External Chain-Type Chip Conveyor
- Automatic Front Safety Door
- Machine Tool Cleaning Water Gun
- Oil Mist Collector
- CNC Rotary Table
- Electrical Cabinet Air Conditioning
- Linear Scales (Full Closed-Loop Control)

Specification	Unit	VDM866H
Worktable size (LxW)	mm	1000X500
Max.load	kg	600
T-slots(numbers*width* center distance)	mm	5X18X100
X/Y/Z Axis travel	mm	820/600/600
X/Y/Z Axis guide way type		Linear roller guideway
Distance from spindle center to column	mm	623
Distance from spindle nose to table	mm	120~720
Rapid traverse of X/Y/Z axis	m/min	48/48/48
Max. Cutting feed rate	m/min	10
Spindle motor power	kw	7.5/11
Max. spindle speed	r/min	12000(direct drive)
Spindle taper		No.40(7:24)
Tool magazine capacity		24T/Arm
Tool shank type		BT40-45°
Max. tool weight	kg	8
Max. tool diameter (w/o adjacent tools)		φ75/φ155
Tool change time(T-T)	S	2.5
X/Y/Z axis positioning accuracy	mm	0.006/0.006/0.006
X/Y/Z axis repeatability accuracy	mm	0.004/0.004/0.004
CNC controller		MITSUBISHI M80B, FANUC 0i-MF (5) Plus, GSK25iMC, KND K2000MF3i
Machine dimensions (LXWXH)	mm	3165*2280*2818
Machine weight	kg	5800