



## Q8 VERTICAL HI-SPEED MACHINING CENTERS

- Hardware, molds, automotive parts, communication and medical devices.

### Highlight :

- The short nose spindle presents outstanding rigidity. It also increases efficiency while lowering tool wear.
- 48 meters rapid traverse on three axes greatly reduces machining time.
- High speed, silent ball screw and roller type linear way exhibit high speed, high accuracy and high rigidity features.
- Stable automatic tool change system not only reduces non-cutting time, but also extends spindle life.
- Front side chip exhaust with optimal chip exhausting angles and extra large chip flushing rate.

## Specification

Mitsubishi Controller M80							
Travel	X-axis travel	800mm	Table	Table size (mm)	1000x450		
	Y-axis travel	500 mm		T-slot (WxNo.xPitch)	18x3x130 mm		
	Z-axis travel	550 mm		Table loading capacity	500 kg		
Spindle	Spindle nose to table	120670 mm	ATC	Tool selection method	Arm type		
	Type of spindle	BT-40		No. of tools	24 pcs		
	Spindle transmission	Belt Drive		Max. tool weight	7 kgs		
	Spindle R.P.M.	10,000 rpm	Coolant system and power	Coolant tank capacity	220 L		
	Spindle motor	7.5 kw		Air pressure	6 kg		
Feedrate	X/Y/Z rapid traverse	48 / 48 / 48 M/min	Machine size	Power requirement	15 KVA		
	Three axes ball screws (mm)	ø 32 / P16 / C3		machine size (LxWxH) (mm)	2450 X 2400 X 2700		
	Three axes linear guide(P class)	X, Y, Z-axis linear guide:roller type 35 mm x 4 blocks					
	Three axes transmission method	Direct drive				Max. machine weight	4500 kg
	Cutting feed rate	140,000 mm/min					