



Q5 TAPPING DRILLING MACHINING CENTERS

- Designed for drilling and tapping more holes on workpieces, such as 3C parts, hardware, molds, automotive parts and graphite.

Highlight :

- Base and column are designed with great span between slideways for maximum stability.
- 48 meters rapid traverse on three axes greatly reduces machining time.
- Increased height of column has sufficient space to mount the 4th and 5th axes.
- High speed servo drive tool change system is fast and stable that reduces non-cutting time.
- Rear chip removing design features excellent chip removing angle and large flow chip flushing system.

Specification

Mitsubishi Controller M80					
Travel	X-axis travel	500 mm	Table	Table size (mm)	620x420
	Y-axis travel	400 mm		T-slot (WxNo.xPitch)	18x3x125 mm
	Z-axis travel	300 mm		Table loading capacity	250 kg
Spindle	Spindle nose to table	200500 mm	ATC	Tool selection method	Disc type
	Type of spindle	BT-30		No. of tools	14 pcs
	Spindle transmission	Belt Drive		Max. tool weight	3 kgs
	Spindle R.P.M.	10,000 rpm	Coolant system and power	Coolant tank capacity	200 L
	Spindle motor	5.5 kw		Air pressure	6 kg
Feedrate	X/Y/Z rapid traverse	48 / 48 / 48 M/min	Machine size	Power requirement	10 KVA
	Three axes ball screws (mm)	ø 32 / P16 / C3		machine size (LxWxH) (mm)	1600 X 2100 X 2900
	Three axes linear guide(P class)	X, Y-axis linear guide: ball type 30 mm x 4 blocks Z-axis linear guide: ball type 35mm x 4 blocks			
	Three axes transmission method	Direct drive		Max. machine weight	2800 kg
	Cutting feed rate	140,000 mm/min			