



MEMBER OF
TGGROUP

TMV-850/1050QI

Vertical Machining Center

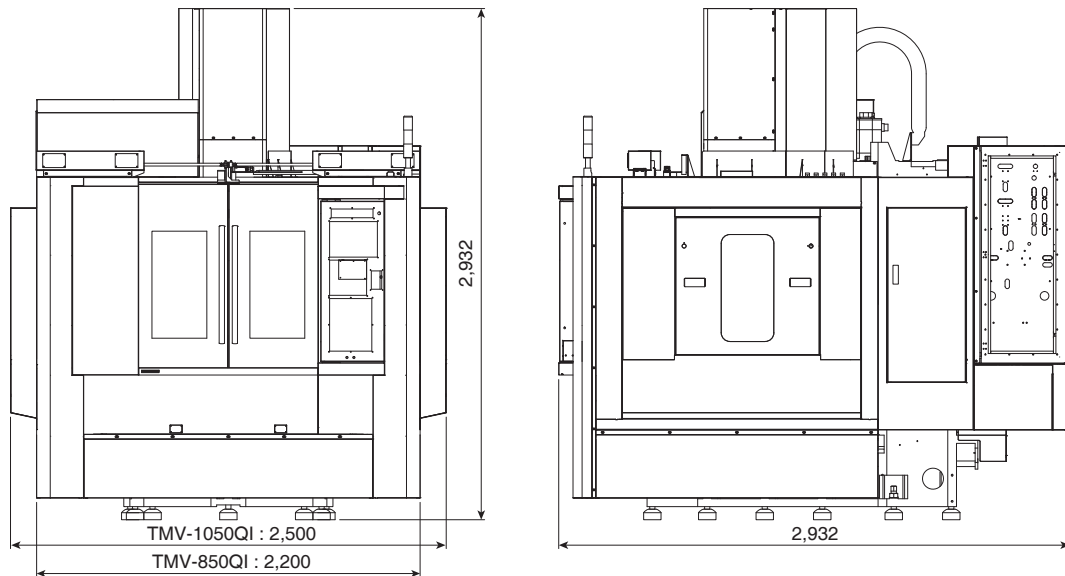


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Highlights

- High machining efficiency. The rapid traverse of three axis is up to 48/48/32 m/min and the T to T time is only 2 seconds.
- Excellent C type mechanical structure design provides high machine rigidity. It also assures excellent positioning accuracy during high speed and precision machining.
- The integrated ergonomic working table design and friendly operating panel improves operating efficiency.
- Spindle thermal distortion compensation is available. It not only monitors the temperature change in machine structure and feeding axis, but also engages the compensation in spindle to enhance the machining stability.

Machine dimensions



Unit : mm

Specification

Item	Specification	Unit	TMV-850QI	TMV-1050QI
Table	Table size (LxW)	mm	950x600	1,100x600
	Max. table load	kg	800	
	Table height from floor	mm	900	
	T-slot (sizexNo.)	mm	18x5	
Spindle	Spindle taper		7/24 Taper No.40	
	Spindle speed	rpm	10,000(15,000)	
Travel	X/Y/Z axis travel	mm	850/600/530	1,050/600/530
	Spindle nose to table	mm	100-630	
Feed	X/Y/Z axis rapid traverse	m/min	48/48/32	
	Cutting feedrate	mm/min	1-12,000	
ATC	Tool shank		BBT-40	
	Tool capacity	pc	24(30)	
	Max. tool diameter	mm	Ø89	
	Max. tool diameter(w/o adjacent tool)	mm	Ø125	
	Max. tool length	mm	250	
Motors	Max. tool weight	kg	7	
	Spindle motor (50% ED)	kW	18.5/15/11(18.5/11/7.5)	
	X/Y/Z axis servo motor	kW	3/3/3	
Machine size	Width x Depth x Height	mm	2,200x2,782x2,808	2,500x2,782x2,808
	Weight	kg	5,500	5,900
Controller			FANUC Oi-MF Plus	

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