

Machine Specifications

Basic information

Basic Structure
Cutting
Performance

Detailed Information

Options
Diagrams
Specifications

Customer Support Service



Description		Unit	BM 2740	
Travels	Travel distance	X axis	mm (inch)	4000 (157.5)
		Y axis	mm (inch)	2700 (106.3)
		Z axis	mm (inch)	800 (31.5)
	Distance from spindle nose to table top		mm (inch)	150~950 (5.9~37.4)
Table	Distance between columns		mm (inch)	2700 (106.3)
	Table size		mm (inch)	4000 x 2500 (157.5 x 98.4)
	Table loading capacity		kg (lb)	
	Table type		mm (inch)	T-SLOT (14-300 x 24H8 (14-11.8 x 0.9H8))
Spindle	Max. Spindle speed		r/min	10000
	Taper		-	ISO #50
	Spindle power (S3/Cont.)		kW (Hp)	30 / 25 (40.2 / 33.5)
	Max. spindle torque		N·m (ft·lbs)	420 (310)
Feedrates	Rapid traverse	X axis	m/min (ipm)	16 (629.9)
		Y axis	m/min (ipm)	24 (944.9)
		Z axis	m/min (ipm)	24 (944.9)
ATC	Tool storage capacity		ea	40 {60}*
	Max. tool diameter	Continuous	mm (inch)	125 (4.9)
		Without Adjacent Tools	mm (inch)	220 (8.7)
	Max. tool length		mm (inch)	400 (15.7)
	Max. tool weight		kg (lb)	20 (44.1)
	Max. tool moment		N·m (ft·lbs)	12.74 (9.4)
	Tool selection			MEMORY RANDOM
	Tool change time (Tool-to-tool)		s	3
Power source	Electric power supply		kVA	64
	Compressed air supply		Mpa (psi)	0.54 (78.3)
Tank capacity	Coolant tank capacity		L (gal)	660 (174.4)
Machine Dimensions	Height		mm (inch)	4436 (174.6)
	Length		mm (inch)	5535 (217.9)
	Width		mm (inch)	10825 (426.2)
	Weight		kg (lb)	45000 (99206.6)
Control	CNC system		-	Fanuc 32i-B Plus