

High efficient and vertical machining center

# VX 510B

Specifications

ITEM		MACHINE SPECIFICATION			
TABLE	Table Size	mm(in)	1,200 × 500 (47.2 × 19.7)		
	Max. Load Capacity	kg(lb)	800 (1,763.7)		
FEED	X Axis	mm(in)	1,100 (43.3)		
	Y Axis	mm(in)	510 (20.1)		
	Z Axis	mm(in)	635 (25)		
SPINDLE	Driving Method	-	Belt Driven		
	Power Output (Max./Cont.)	kW(HP)	15/11 (20.1/14.8)		
	Speed	rpm	8,000		
	Motor	-	α 22/8000iP [α 12/10000i]		
FEED RATE	Torque	kgf.m	29.2 [52.2]		
		Rapid Feed Rate	X Axis	m/min	30
		Y Axis	m/min	30	
	Z Axis	m/min	24		
	Cutting Feed Rate (X/Y/Z)	mm/min	8,000		
	Guide Way	-	BOX GUIDE		
	Motor	X Axis	kW(HP)	4 (5.4)	
Y Axis		kW(HP)	4 (5.4)		
Z Axis		kW(HP)	4 (5.4)		
ATC	Tool Type	-	BT40		
	Number of Tools	EA	24 [30]		
	Max. Tool dia./Without Adjacent Tool	mm(in)	90 (150)		
	Max. Tool Length	mm(in)	300 (11.9)		
	Tool change time	T-T	sec	2.6	
C-C		sec	6.6		
MACHINE SIZE	Machine height	mm(in)	2,800 (110.2)		
	Floor plan (L × W)	mm(in)	3,255 × 2,830 (128.1 × 111.4)		
	Machine Weight	kg(lb)	7,700 (16,975.6)		
CONTROLLER	-	-	FANUC 0i-MC		

※ The product specification listed in the catalogue subjects to change without notices to improve quality and performance.

[ ] : Option

Standard specification

- Splash guard
- Rigid tapping
- Cutting oil supply unit
- Main spindle cooling unit
- Bed fluxing coolant
- Standard tool and box
- Door interlock

Optional specification

- Main spindle through coolant
- Main spindle air blower
- Auto door
- Main spindle heat displacement compensation unit
- High column (300 mm)
- ATC extension (30 EA)
- Chip conveyor (rear/left side)
- Chip box
- Dry coolant
- Jet coolant
- O-rill skimmer

