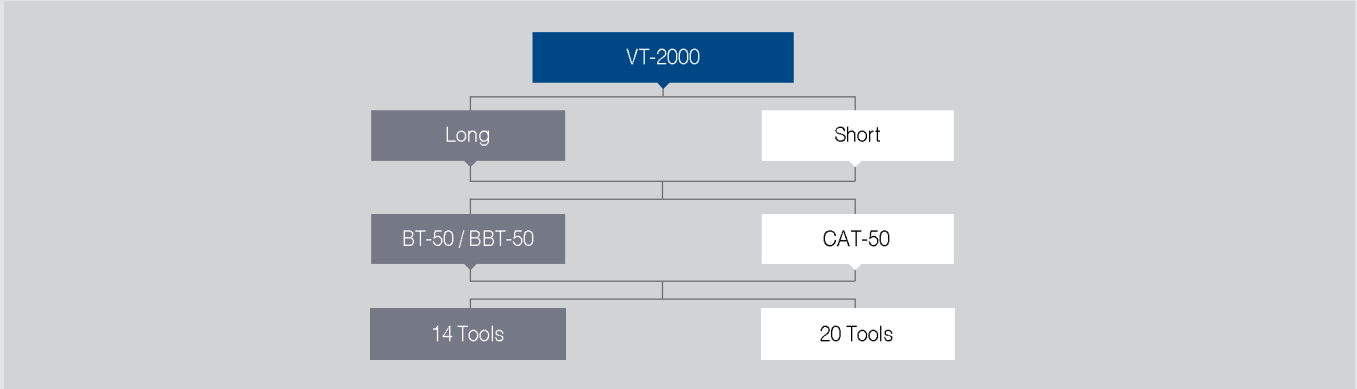


Product Configuration

Each product can be configured to fit your application.



Machine Specifications

ITEM	VT-2000	
	Long Type	Short Type
Capacity		
Swing Over Bed	mm(inch)	Ø2,650 (104.33")
Max. Cutting Diameter	mm(inch)	Ø2,500 (98.43")
Max. Cutting Length	mm(inch)	2,100 (82.68") / 1,100 (43.31")
Travel		
X-Axis Stroke (Horizontal Movement of Ram)	mm(inch)	-315 ~ +1,435 (-12.4" ~ +56.5")
Z-Axis Stroke (Vertical Movement of Ram)	mm(inch)	1,000 (39.37")
W-Axis Stroke (Vertical Movement of Cross Rail)	mm(inch)	1,100 (43.31") / 600 (23.62")
Table		
Table Motor	kW(HP)	75 / 60 (100 / 80)
Max. Table speed	rpm	1 ~ 55(Low Speed) / 56 ~ 240(High Speed)
Max. Table torque	Nm(kg.m)	49,863 (5,085)
Max. Loading Capacity	kg(lb)	15,000 (33,069) / C-Axis : 5,000 (11,023)
Ram		
Milling Motor	kW(HP)	26 / 22 (35 / 30)
Max. Milling Speed	rpm	3,000
Table Indexing Angle (C-Axis)	°(deg)	0.001°
Feedrate		
Rapid Speed (X / Z / W)	m/min(ipm)	10 / 10 / 7.5 (394 / 394 / 295)
Feedrate (X / Z / W)	mm/min(ipm)	1 ~ 2,000 (0.04" ~ 78.74")
ATC		
Tool Storage Capacity (Magazine)	ea	14 (Including 1 Dummy Cover)
Tool Size (O.D Tool)	mm	□40 (1.57")
Type of Milling Tool	-	7 / 24taper BT-50
Max. Tools Dia. (Without Adjacent Tools Dia.)	mm(inch)	Ø180 / Ø350 (7.09" / 13.78")
Max. Tool Length	mm(inch)	415 (16.34")
Max. Tool Weight	kg(lb)	60 (132.28)
Motor		
Feed Motor	kW(HP)	5.5 / 5.5 / 5.5 / 5.5 (7.5 / 7.5 / 7.5 / 7.5)
Coolant Motor (Ram)	kW(HP)	2.2 (3)
Tank		
Lubrication	ℓ(gal)	12 (3.17) x 2ea
Coolant	ℓ(gal)	1,500 (396.26)
Hydraulic	ℓ(gal)	200 (52.83)
Spindle Cooling	ℓ(gal)	50 (13.21)
Power Source		
Electric Power Supply	kVA	160
Input Voltage	V	380 (3phase)
Compress Air Supply (Pressure x Consumption)	-	5~7 kgf/cm ² x 690 N ℓ/min
Machine Size		
Height	mm(inch)	6,694 (263.54") / 5,510 (216.93")
Floor Space (L x W)	mm(inch)	5,560 x 5,030 (218.9" x 198.03")
Weight	kg(lb)	41,000 (90,390) / 34,500 (76,059)
NC Controller		FANUC 31i-B