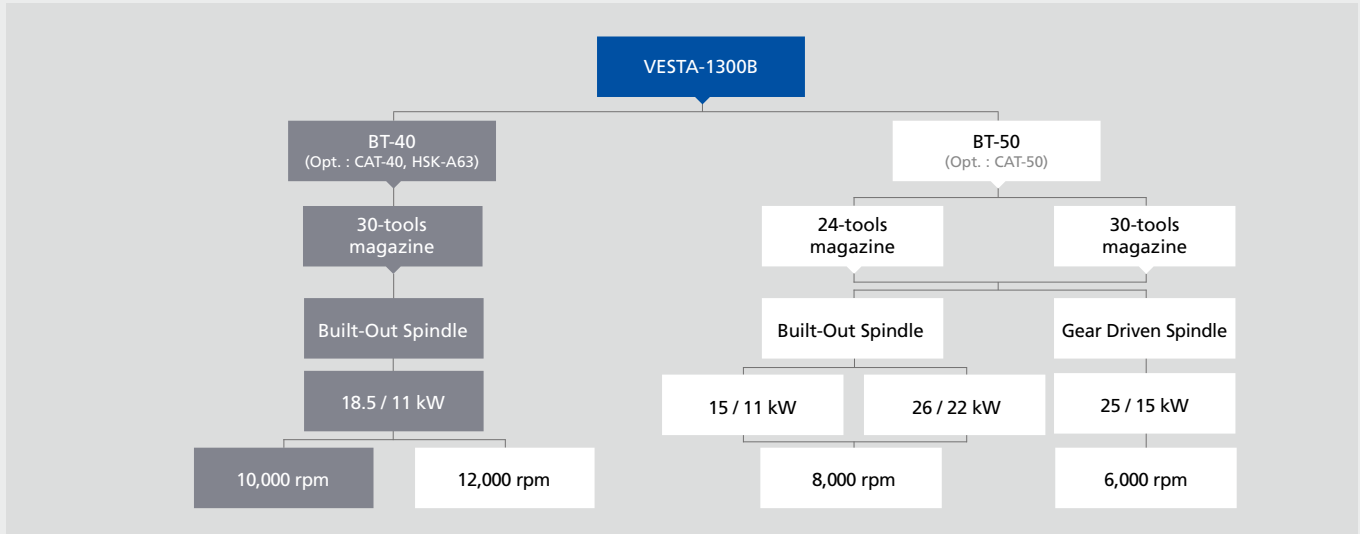


Product Configuration

Each product can be configured to fit your application.



Machine Specifications

ITEM	VESTA-1300B					
	BT-40 10,000 rpm	BT-40 12,000 rpm	BT-50 8,000 rpm	BT-50 6,000 rpm		
Travel						
Stroke (X / Y / Z)	mm(inch)	1,300 (51.18") / 670 (26.38") / 650 (25.59")				
Distance from Table Surface to Spindle Gauge Plane	mm(inch)	150 ~ 800 (5.91" ~ 31.50")				
Distance between Columns to Spindle Center	mm(inch)	720 (28.35")				
Table						
Working Surface	mm(inch)	1,450 x 670 (57.09" x 26.38")				
Table Loading Capacity	kg _r (lb _f)	1,200 (2,646)				
Table Surface Configuration (T slots WxP-No. of slots)	mm(inch)	18 (0.71") x125 (4.92") - 5ea				
Spindle						
Max. Spindle Speed	rpm	10,000	12,000	8,000	6,000	
Spindle Motor	kW(HP)	18.5/11 (25/15)		15/11(20/15), CTS: 26/22(35/30)		25/15 (34/20)
Type of Spindle Taper Hole	-	ISO#40, 7/24 Taper (BT-40)		ISO#50, 7/24 Taper (BT-50)		
Spindle Bearing Inner Diameter	mm(inch)	Ø70 (2.76")		Ø90 (3.54")		
Type of Spindle	-	Built-Out		Built-Out	Gear Driven	
Method of Spindle Lubrication & Cooling	-	Grease Lub. + Jacket Cooling	Air-Oil Lub. + Jacket Cooling	Grease Lub. + Jacket Cooling		
Feedrate						
Rapid Speed (X / Y / Z)	m/min(ipm)	30 / 30 / 24 (1,181 / 1,181 / 945)				
Feedrate (X / Y / Z)	mm/min(ipm)	1 ~ 12,000 (0.04 ~ 472)				
Motor						
Feed Motor (X / Y / Z)	kW(HP)	3 / 4 / 7 (4 / 5.4 / 9.4)				
Coolant Motor (Spindle / Chip Flushing)	kW(HP)	0.4 / 0.9 (0.54 / 1.2)				
Spindle Cooler	kW(HP)	0.18 (0.24)	2.8/3.2 (3.8/4.4)	0.18 (0.24)	2.8/3.2 (3.8/4.4)	
ATC						
Type of Tool Shank	-	BT-40 (Opt.: CAT-40, HSK-A63)		BT-50 (Opt.: CAT-50)		
Type of Pull Stud	-	MAS P40T-1 (45°)		BT-50 (90°)		
Tool Storage Capacity	ea	30 (Opt.: 40)		24 (Opt.: 30)		
Max. Tool Diameter [without Adjacent Tools]	mm(inch)			30 Tools: Ø110 (4.33") / Ø200 (7.87")		
Max. Tool Length	mm(inch)	300 (11.81")		350 (13.78")		
Max. Tool Weight	kg _r (lb _f)	8 (17.64)		20 (44.09)		
Method of Tool Selection	-	Memory Random				
Method of Operation (Magazine / Swing Arm)	-	Geared Motor / Geared Motor				
Power Source						
Electric Power Supply	kVA	50				
Compressed Air Supply (Pressure X Consumption)	-	0.5~0.7MPa x 690N ℓ /min				
Tank Capacity						
Lubrication / Spindle Cooling / Coolant	ℓ (gal)	20 / 6 / 340 (5.28 / 1.59 / 89.81)				
Machine Size						
Height	-	2,890 (113.78") / CTS : 3,110 (122.44")		3,110 (122.44") / CTS : 3,330 (131.10")		
Floor Space (Length x Width)	mm(inch)	4,220 (166.14") x 2,410 (94.88")				
Weight	kg _r (lb _f)	9,000 (19,842)	9,200 (20,282)	10,000 (22,046)	10,200 (22,487)	
NC Controller		Fanuc-0i MF				