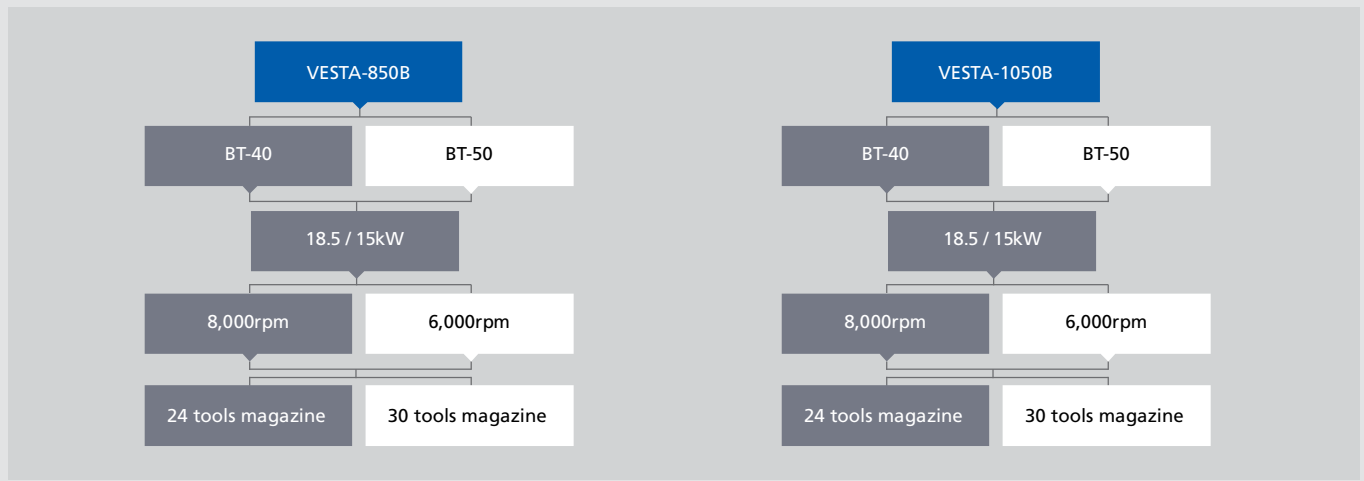


Product Configuration

Each product can be configured to fit your application.



Machine Specifications

ITEM	VESTA-850B		VESTA-1050B		
	BT-40	BT-50	BT-40	BT-50	
Travel					
Stroke (X / Y / Z)	mm(inch)	850 (33.47") / 600 (23.62") / 600 (23.62")		1,050 (41.34") / 600 (23.62") / 600 (23.62")	
Distance from Table Surface To Spindle Gauge Plane	mm(inch)	125 (4.92") ~ 725 (28.54")		125 (4.92") ~ 725 (28.54")	
Distance Between Columns to Spindle Center	mm(inch)	675 (26.58")		675 (26.58")	
Table					
Working Surface	mm(inch)	1,050 (41.34") x 600 (23.62")		1,150 (45.28") x 600 (23.62")	
Table Loading Capacity	kg,(lb.)	800 (1,764)		1,000 (2,205)	
Table Surface Configuration (T slots WxP-No. of slots)	mm(inch)	18 (0.71") x120 (4.72") - 5ea		18 (0.71") x 120 (4.72") - 5ea	
Spindle					
Max. Spindle Speed	rpm	8,000	6,000	8,000	6,000
Spindle Motor	kW(HP)	18.5 / 15 (25 / 20)			
Type of Spindle Taper Hole	-	ISO#40, 7 / 24 Taper(BT-40)	ISO#50, 7 / 24 Taper(BT-50)	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")	Ø70 (2.76")	Ø90 (3.54")
Method of Spindle Lubrication & Cooling	-	Grease Lub. + Jacket Cooling		Grease Lub. + Jacket Cooling	
Feedrate					
Rapid Speed (X / Y / Z)	m/min(ipm)	24 (945) / 24 (945) / 18 (709)		24 (945) / 24 (945) / 18 (709)	
Feedrate (X / Y / Z)	mm/min(ipm)	1 (0.04) ~ 10,000 (394)		1 (0.04) ~ 10,000 (394)	
ATC					
Type of Tool Shank	-	BT-40 (Opt.:CAT-40)	BT-50 (Opt.:CAT-50)	BT-40 (Opt.:CAT-40)	BT-50 (Opt.:CAT-50)
Type of Pull Stud	-	MAS P40T-1 (45°)	BT-50 (90°)	MAS P40T-1 (45°) (45°)	BT-50 (90°)
Tool Storage Capacity	ea	24 (Opt.: 30)		24 (Opt.: 30)	
Max. Tool Diameter [Without Adjacent Tools]	24Tools 30Tools mm(inch)	Ø80 (3.15") / Ø150 (5.91")	Ø125 (4.92") / Ø245 (9.65")	Ø80 (3.15") / Ø150 (5.91")	Ø125 (4.92") / Ø245 (9.65")
Max. Tool Length	mm(inch)	300 (11.81")	350 (13.78")	300 (11.81")	350 (13.78")
Max. Tool Weight	kg,(lb.)	8 (17.64)	20 (44.09)	8 (17.64)	20 (44.09)
Method of Tool Selection	-	Memory Random		Memory Random	
Method of Operation (Magazine / Swing Arm)	-	Geared Motor / Geared Motor		Geared Motor / Geared Motor	
Motor					
Feed Motor (X / Y / Z)	kW(HP)	3 (4) / 3 (4) / 3 (4)		3 (4) / 3 (4) / 3 (4)	
Coolant Motor (Spindle / Chip Flushing)	kW(HP)	0.4 (0.54) / 0.9 (1.2)		0.4 (0.54) / 0.9 (1.2)	
Spindle Cooler	kW(HP)	0.4 (0.54)		0.4 (0.54)	
Power Source					
Electric Power Supply	kVA	50		50	
Compressed Air Supply (Pressure X Consumption)	-	0.5~0.7MPa x 690Nℓ/min	0.5~0.7MPa x 760Nℓ/min	0.5~0.7MPa x 690Nℓ/min	0.5~0.7MPa x 760Nℓ/min
Tank Capacity					
Lubrication / Spindle Cooling / Coolant	ℓ (gal)	20 (5.28) / 6 (1.59) / 340 (89.81)		20 (5.28) / 6 (1.59) / 340 (89.81)	
Machine Size					
Height	-	2,718 (107.01")	2,887 (113.66")	2,718 (107.01")	2,887 (113.66")
Floor Space (Length x Width)	mm(inch)	3,870 (152.36") x 2,247 (88.46")		4,220 (166.14") x 2,247 (88.46")	
Weight	kg,(lb.)	6,500 (14,330)	6,800 (14,992)	7,200 (15,873)	7,500 (16,535)
NC Controller		Fanuc-0i MF			