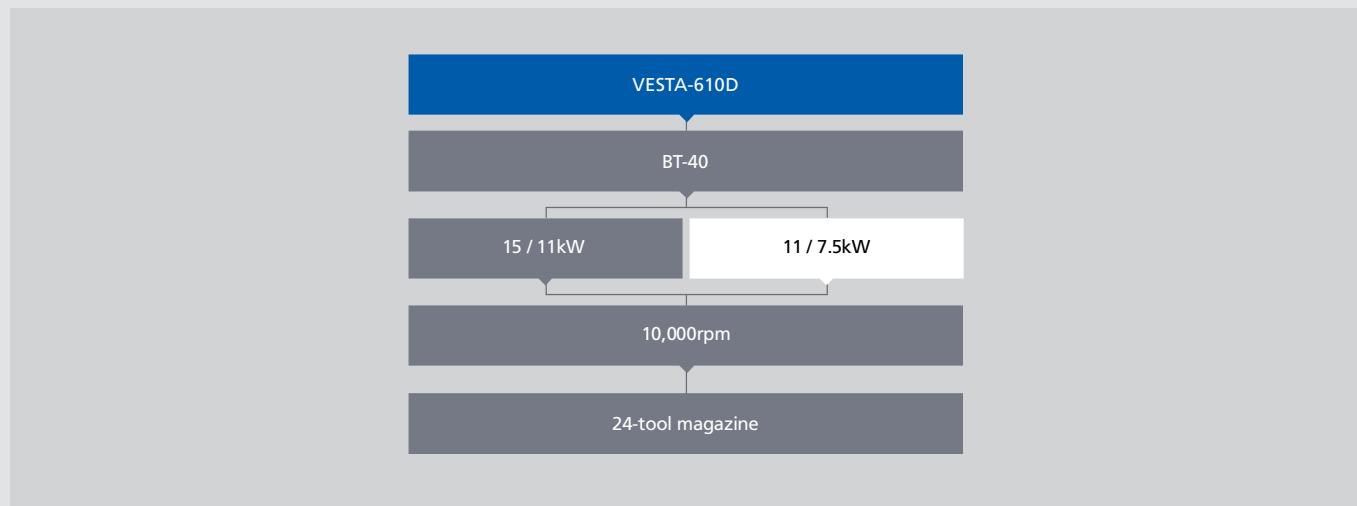


Product Configuration

Each product can be configured to fit your application. ■ Standard □ Optional



Machine Specifications

ITEM	VESTA-610D / 10K	
Travel		
Stroke (X / Y / Z)	mm(inch)	610 (24.02") / 430 (16.93") / 570 (22.44")
Distance from table surface to spindle gauge plane	mm(inch)	150 (5.91") ~ 720 (28.35")
Distance between columns to spindle Center	mm(inch)	530 (20.87")
Table		
Working surface	mm(inch)	2ea - 650 (25.59") x 450 (17.72")
Table loading capacity	kgf(lbft)	2ea - 300 (661)
Table surface configuration (T slots WxP –No. of slots)	mm(inch)	2ea-18 (0.71") x 150 (5.91") - 3ea
APC Index Time (180°)	sec	6
Spindle		
Max. spindle Speed	rpm	10,000
Spindle Motor	kW(HP)	15 / 11 (20 / 15) [Opt.:11 / 7.5 (15 / 10)]
Type of Spindle Taper Hole	-	ISO#40, 7/24 Taper (BT 40)
Spindle Bearing Inner Diameter	mm(inch)	Ø70 (2.76")
Method of Spindle Lubrication & Cooling	-	Grease Lub. + Jacket Cooling
Feedrate		
Rapid Speed (X / Y / Z)	m/min(ipm)	40 (1,575) / 40 (1,575) / 40 (1,575)
Feedrate (X / Y / Z)	mm/min(ipm)	1 ~ 24,000 (945)
ATC		
Type of tool shank	-	MAS-403 BT40 (Opt.:CAT40)
Type of pull stud	-	MAS P40T-1 (45")
Tool storage capacity	ea	24
Max. tool diameter [Without adjacent tools]	mm(inch)	Ø90 (3.54") / Ø150 (5.91")
Max. tool length	mm(inch)	300 (11.81")
Max. tool weight	kgf(lbft)	8 (17.64)
Method of tool selection	-	Memory Random
Method of operation (Magazine / Swing arm)	-	Geared Motor / Geared Motor
Motor		
Servo motor (X / Y / Z)	kW(HP)	7 (9.4) / 7 (9.4) / 7 (9.4)
Coolant motor (Spindle / Chip Flushing)	kW(HP)	0.4 (0.54) / 0.9 (1.2)
Spindle cooler / Hydraulic motor	kW(HP)	0.18 (0.24) / 2.2 (2.95)
Power source		
Electric power supply	kVA	50
Compressed air supply (Pressure x Consumption)	-	0.5 ~ 0.7MPa x 690N l/min
Tank capacity		
Spindle cooling / Lubrication / Coolant / Hydraulic	l(gal)	20 (5.28) / 6 (1.59) / 395 (104.35) / 15 (3.96)
Machine size		
Height (Standard / Spindle through)	mm(inch)	2,691 (105.94") / 2,938 (115.67")
Floor space (length x width)	mm(inch)	3,980 (156.69") x 2,135 (84.06")
Weight	kgf(lbft)	7,500 (16,535)
NC controller		
Fanuc-0i MF		