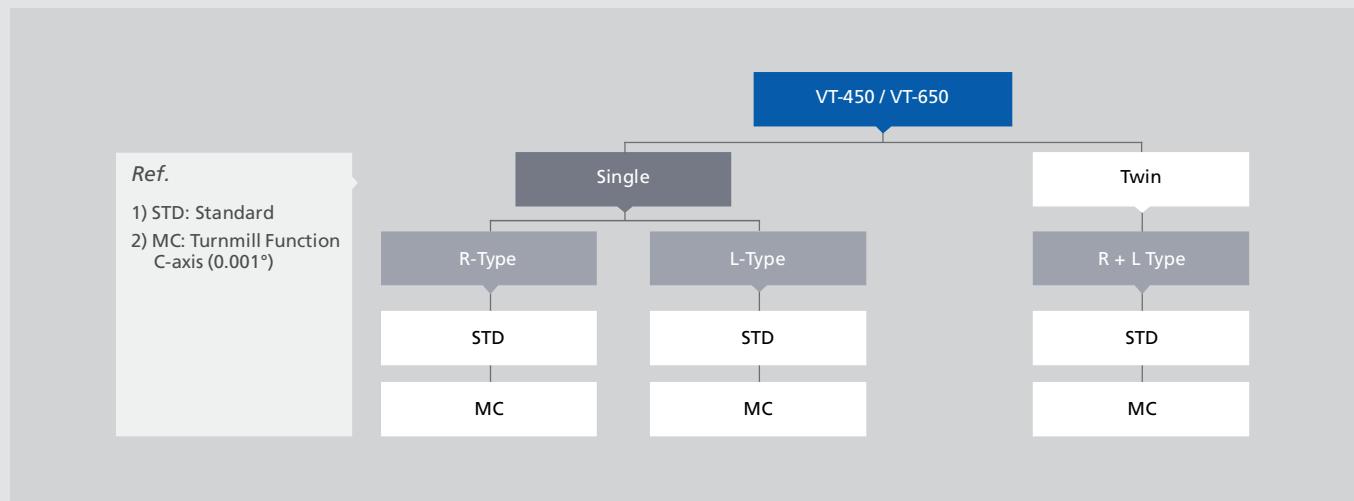


## Product Configuration

Each product can be configured to fit your application.



## Machine Specifications

ITEM		VT-450 (R, L)	VT-450MC (R, L)	VT-650 (R, L)	VT-650MC (R, L)
<b>Capacity</b>					
Swing over Bed	mm(inch)	Ø610 (24.02")		Ø900 (35.43")	
Max. Cutting Diameter	mm(inch)	Ø460 (18.11")	Ø445(17.51")	Ø800(31.49")	
Standard Cutting Diameter	mm(inch)	Ø305 (12.01")	Ø248.2(9.77")	Ø320(12.60")	
Max. Cutting Length	mm(inch)	490 (19.29")	424 (116.69")	750(29.53")	
Chuck Size	inch	12"		18"	
<b>Spindle</b>					
Type of Spindle Nose	ASA	A2-8		A2-11	
Max. Spindle Speed	rpm	2,500		1,500	
Spindle Bearing Inner Diameter	mm(inch)	Ø130 (5.12")		Ø160 (6.30")	
Spindle Motor	kW(HP)	22/18.5 (30/25)		22/18.5 (30/25)	
<b>Turret</b>					
Number of Tool Station	ea	8	10	12	
Tool Size	mm(inch)	□25 × Ø50 (□1" × Ø2")		□32 × Ø60 (□1.25" × Ø2.5")	
Turret Indexing Time	sec/step	0.15		0.2	
<b>Axes</b>					
Rapid Speed (X/Z)	m/min(ipm)	24/20(945/787)		20/16(787/630)	
Max. Stroke (X/Z)	mm(inch)	260/510 (10.24"/20.07")		430/790 (16.92"/31.10")	
Feed Motor (X/Z)	kW(HP)	4.0/4.0(5.4/5.4)		3.0/4.0(4/5.4)	
<b>Turnmill (Opt.)</b>					
Spindle Motor	kW(HP)	-	3.7/2.2 (5/3)	-	5.5/3.7(7.5/5)
Max. Spindle Speed	rpm	-	3,000	-	3,000
Max. Drill/Tap Size	mm	-	Ø16(Ø0.63") / M12	-	Ø26(Ø1") / M20
Min. Index Angle	°(deg)	-	0.001°	-	0.001°
<b>Tank Capacity</b>					
Lubrication	ℓ (gal)	12 (3.17)		12 (3.17)	
Hydraulic	ℓ (gal)	11 (3)		50 (13)	
Coolant	ℓ (gal)	150(40)		195 (52)	
<b>Power Sources</b>					
Electrical Power Supply	kVA	40		40	
<b>Dimension</b>					
Height	mm(inch)	2,548 (100.32")		3,143 (123.74")	
Floor Space (LxW)	mm(inch)	1,806 x 2,197(71.1" x 86.5")		2,133 x 2,890(83.97" x 113.78")	
Weight	kgf(lb <sub>f</sub> )	7,500 (16,535)	7,550 (16,645)	10,450 (23,038)	10,550 (23,259)
NC Controller	Fanuc 0i-TF				