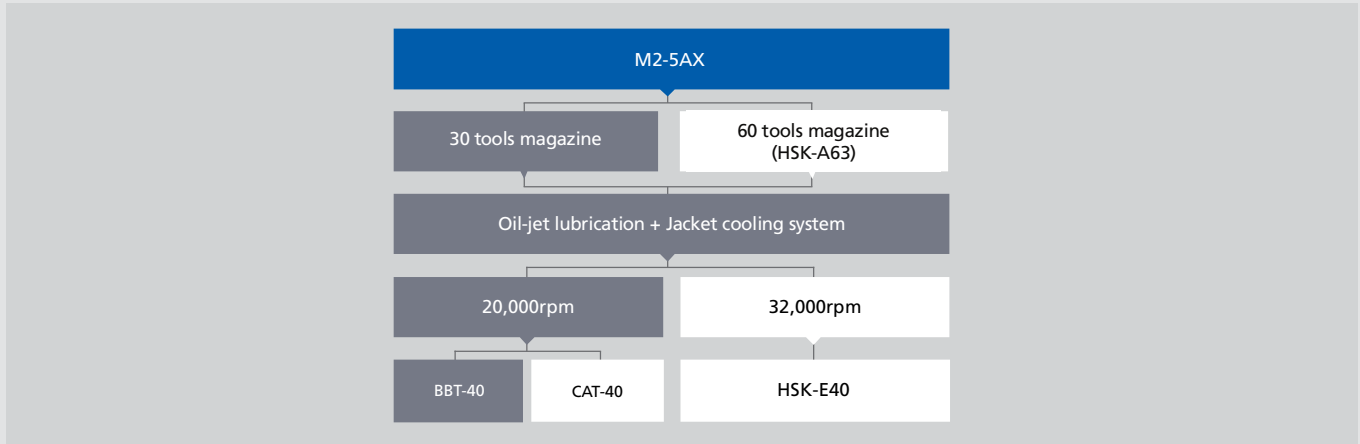


Product Configuration

Each product can be configured to fit your application.



Machine Specifications

ITEM	M2-5AX		
		20,000	32,000
Travel			
Stroke (X / Y / Z)	mm(inch)	750 (29.53") / 650 (25.29") / 500 (19.69")	
Tilting(A) / Rotation(C)	degree	(+30 ~ (-)120 / 360	
Distance from table surface to spindle gauge plane (Long nose type)	mm(inch)	75 (2.95") ~ 575 (22.64")	
Table			
Working surface	mm(inch)	Ø500 (19.69")	
Table loading capacity	kg _f (lb _f)	300 (661.39)	
Table surface configuration (T slots WxP – No. of slots)	mm(inch)	14 (0.55") x 80 (3.15") - 5ea	
Spindle			
Max. Spindle speed	rpm	20,000	32,000
Spindle Motor	kW(HP)	22 / 18.5 (30 / 25)	18.5 / 13 (25 / 18)
Feedrate			
Rapid Speed (X / Y / Z)	m/min(ipm)	50 (1,969) / 50 (1,969) / 50 (1,969)	
Rapid Speed (A / C)	rpm	8.3 / 33.3	
Feedrate (X / Y / Z)	mm/min(ipm)	1 (0.04) ~ 24,000 (945)	
ATC			
Type of tool shank	-	BBT-40 (Standard : 30 tool) (Opt. : CAT-40, HSK-A63)	HSK-E40
Type of pull stud	-	MAS P40T-1 (45°)	-
Tool storage capacity	ea	30(Opt. : 60)	
Max. Tool diameter [without adjacent tools]	mm(inch)	Ø80 (3.15") / Ø170 (6.69")	Ø60 (2.36") / Ø90 (3.54")
Max. Tool length	mm(inch)	300 (11.81")	250 (9.84")
Max. Tool weight	kg _f (lb _f)	8 (17.64)	3 (6.61)
Tool changing time (T to T / C to C)	sec	1.5 / 4	2.5 / 5
Motor			
Feed motor (X / Y / Z)	kW(HP)	4.0 (5.4) / 7.0 (9.4) / 4.0 (5.4)	
Feed motor (A / C)	kW(HP)	4.0 (5.4) / 4.0 (5.4)	
Coolant motor (Spindle)	kW(HP)	0.4 (0.54) / 0.9 (1.20)	
Spindle cooler (50 / 60Hz) – Inverter type	kW(HP)	5.0 (6.70) / 5.6 (7.51)	8.0 (10.72) / 9.0 (12.06)
Power Source			
Electric power supply	kVA	65	
Compressed air supply (Pressure x Consumption)	-	0.5 ~ 0.7MPa x 690Nℓ/min	
Tank capacity			
Spindle cooling / Lubrication / Hydraulic	ℓ (gal)	60 (15.85) / 12 (3.17) / 20 (5.28)	
Coolant	ℓ (gal)	360 (95.10)	
Machine size			
Height	mm(inch)	3,090 (121.65")	
Floor space (length x width)	mm(inch)	3,025 (119.09") x 3,695 (145.47")	
Weight	kg _f (lb _f)	11,000 (24,251)	
NC controller		Fanuc 31i-B5	