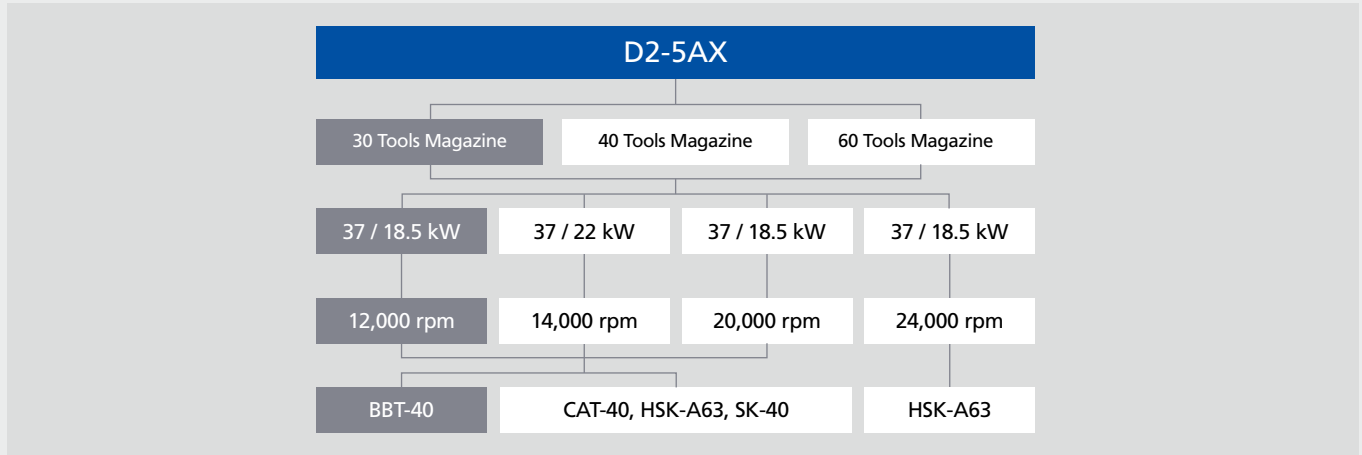


Product Line-up



* For 24,000 rpm, The tool type is only used 'HSK-A63'

Machine Specifications

Item		D2-5AX			
Travel					
X-axis Stroke (X / Y / Z)	mm (inch)	650 / 500 / 500 (25.59 / 19.69 / 19.69)			
B-axis tilt angle / C-axis rotation angle	deg.	-30 ~ +110 / 360			
Distance from Table Surface to Spindle Gauge Plane	mm (inch)	185 ~ 685 (7.28 ~ 26.97)			
Distance from the top surface of X axis guide to the center of the spindle	mm (inch)	192 (7.56)			
Table					
Table Size	mm (inch)	Ø600 (Ø23.62)			
Table Loading Capacity	kg, (lb _r)	500 (1,102)			
T Slot (WxP / No. of slots)	mm (inch)	Octagonal Type: 14 x 100 (0.55 x 3.94) / 5 ea [Round Type(OPT): 14 x 80 (0.55 x 3.15) / 5ea]			
Spindle					
Max Spindle Speed	rpm	12,000 (STD)	14,000	20,000	24,000
Spindle Motor	kW (HP)	37 / 18.5 (50 / 25)	37 / 22 (50 / 29)	37 / 18.5 (50 / 25)	
Max Torque	Nm	250	303	221	
Type of Spindle Taper Hole	-	ISO#40, 7/24 Taper (BBT-40)			
Spindle Bearing Inner Diameter	mm (inch)	70 (2.76)			
Method of Spindle Lubrication & Cooling	-	Oil Cooler			
Feed Rate					
Rapid Speed (X / Y / Z)	m/min (ipm)	36 / 30 / 30 (1,417 / 1,181 / 1,181)			
Rapid Speed (B / C)	rpm	25 / 25			
Feed (X / Y / Z)	m/min (ipm)	24 / 24 / 24 (944 / 944 / 944)			
Motor					
Feed Motor(X / Y / Z / B / C)	kW (HP)	7 / 4 / 4 / 7 / 2.7 (9.4 / 5.4 / 5.4 / 9.4 / 3.6)			
Spindle Coolant Motor	kW (HP)	2.8 / 3.2 (3.8 / 4.3)			
ATC					
Type of Tool Shank	-	BBT-40 (OPT: CAT-40, HSK-A63, SK-40)		HSK-A63	
Type of Pull Stud	-	MAS P40T-1 (45°)			
Tool Storage Capacity	ea	30 (OPT: 40, 60)			
Max. Tool Diameter (With / Without Adjacent Tools)	mm (inch)	Ø80 / Ø130 (Ø3.15 / Ø5.12)			
Max. Tool Length	mm (inch)	300 (11.81)			
Max. Tool Weight	kg, (lb _r)	8 (17.64)			
Method of Tool Selection	-	Memory Random			
Method of Operation	-	Servo Motor			
Power Source					
Electric Power Supply	kVA	70			
Compressed Air Supply (Pressure)	MPa	0.5 ~ 0.7			
Tank Capacity					
Spindle Cooling / Lubrication	ℓ (gal)	50 / 6 (13.21 / 1.59)			
Coolant	ℓ (gal)	250 (66.04)			
Machine Size					
Height	mm (inch)	3,570 (140.55)			
Floor Space (Length x Width)	mm (inch)	3,700 x 3,523 (145.67 x 138.7)			
Weight	kg, (lb _r)	10,000 (22,046)			
NC Controller		Fanuc 0i-MF (OPT: Fanuc 31i-B5)			