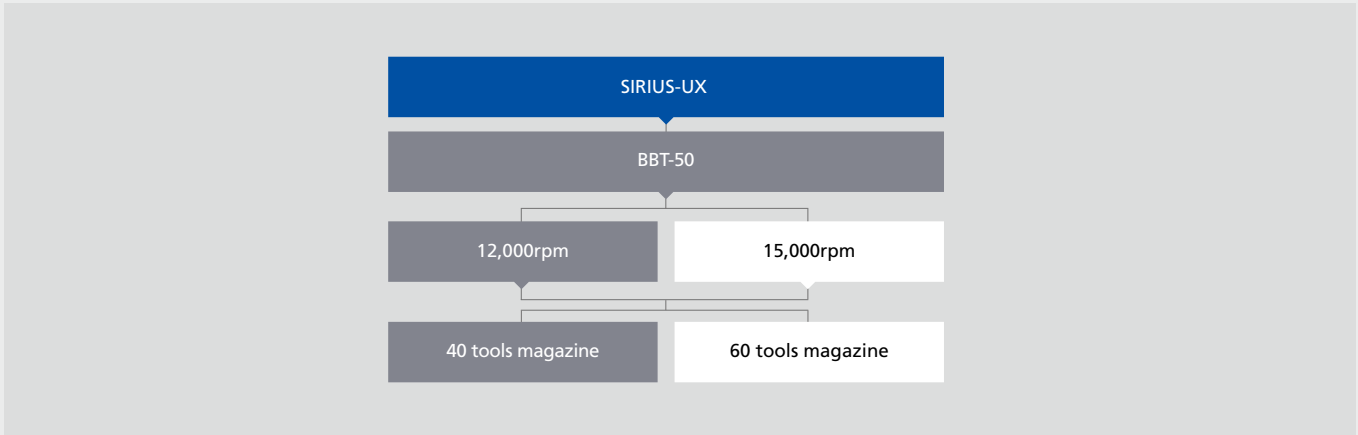


Product Configuration

Each product can be configured to fit your application.



Machine Specifications

ITEM	SIRIUS-UX	
	12,000	15,000
Travel		
Stroke (X / Y / Z)	mm(inch) 1,500 (59.06") / 750 (29.53") / 650 (25.59")	
Distance from Table Surface to Spindle Gauge Plane	mm(inch) 175 (6.89") ~ 825 (32.48")	
Distance between Columns to Spindle Center	mm(inch) 437 (17.21")	
Distance between Columns	mm(inch) 1,800 (70.87")	
Table		
Working Surface	mm(inch) 1,650 (64.96") x 750 (29.53")	
Table Loading Capacity	kg _r (lb _r) 2,500 (5.512)	
Table Surface Configuration (T slots WxP – No. of slots)	mm(inch) 18 x 125 (0.71" x 4.92") - 5ea	
Spindle		
Max. Spindle Speed	12,000	15,000
Spindle Motor	kW(HP) 30 (40) / 25 (34)	
Type of Spindle Taper Hole	- ISO#50, 7/24 Taper (BBT-50)	
Spindle Bearing Inner Diameter	mm(inch) Ø100 (Ø3.94")	
Method of Spindle Lubrication & Cooling	- Oil-Jet Lub. + Jacket Cooling	
Feedrate		
Rapid Speed (X / Y / Z)	m/min(ipm) 20 (787.40) / 20 (787.40) / 20 (787.40)	
Feedrate (X / Y / Z)	mm/min(ipm) 10,000 (393.70)	
ATC		
Type of Tool Shank	- BBT-50 (Opt.: CAT-50)	
Type of Pull Stud	- 90° Type	
Tool Storage Capacity	ea 40 (Opt.: 60)	
Max. Tool Diameter [With / Without Adjacent Tools]	mm(inch) Ø120 (4.72") / Ø200 (7.87")	
Max. Tool Length	mm(inch) 400 (15.75")	
Max. Tool Weight	kg _r (lb _r) 20 (44.09)	
Method of Tool Selection	- Fixed Address	
Method of Operation (Magazine / Swing Arm)	- Servo Motor / Servo Motor	
Motor		
Feed Motor (X / Y / Z)	kW(HP) 7.0 (9.38) / 7.0 (9.38) / 7.0 (9.38)	
Coolant Motor (Spindle / Chip Flushing)	kW(HP) 0.4 (0.54) / 0.4 (0.54)	
Spindle Cooler (50 / 60Hz) – Inverter type	8.0 (10.7) / 8.9 (11.9)	5.0 (6.7) / 5.6 (7.5) + 8.0 (10.7) / 8.9 (11.9)
Power Source		
Electric Power Supply	kVA 70	
Compressed Air Supply (Pressure X Consumption)	- 0.5 ~ 0.7MPa x 690N ℓ/min	
Tank Capacity		
Spindle Cooling / Lubrication	ℓ (gal) 40 (10.57) / 12 (3.17)	
Coolant	ℓ (gal) 290 (76.61)	
Machine Size		
Height	mm(inch) 3,550 (139.76")	
Floor Space (Length x Width)	mm(inch) 3,770 (148.43") x 3,330 (131.10")	
Weight	kg _r (lb _r) 15,000 (33,069)	
NC Controller	Fanuc 31i-B	