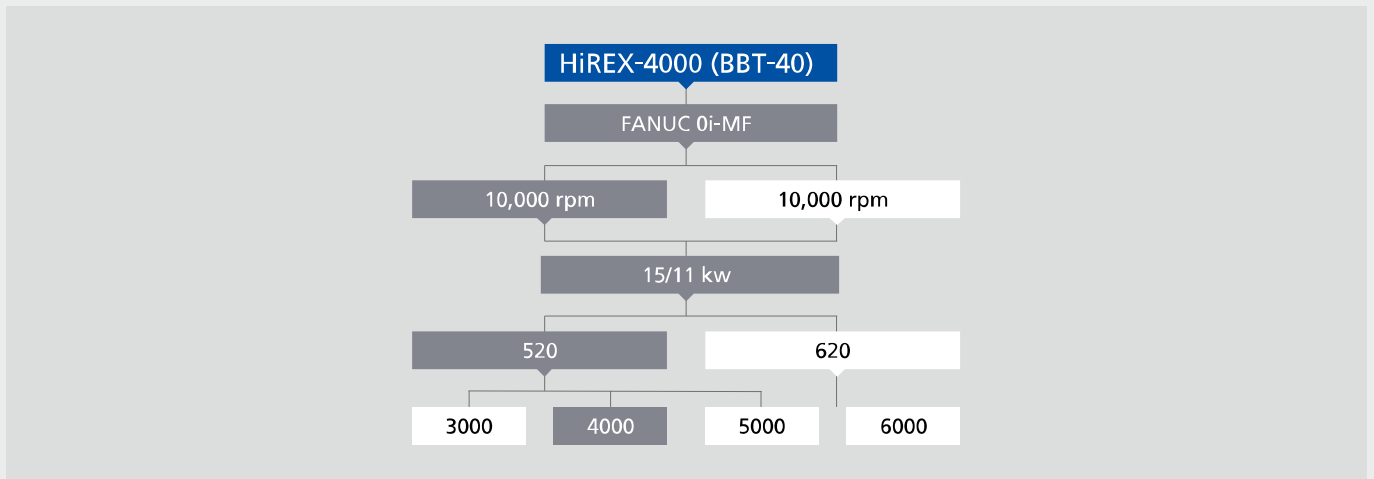


## Product Configuration

Each product can be configured to fit your application



## Machine Specifications

ITEM		HiREX-4000
<b>Travel</b>		
Stroke (X / Y / Z)	mm (inch)	4,000 / 520 / 570 (157.48" / 20.47" / 22.44")
Distance From Table Surface To Spindle Gauge Line	mm (inch)	150 ~ 720 (5.91" ~ 28.35")
Distance Between Column Face To Spindle Center	mm (inch)	560 (22.05")
<b>Table</b>		
Working Surface (Width x Length)	mm (inch)	550 x 4,500 (21.65" x 177.17")
Max. Table Loading Capacity	kg (lb)	4,300 (9,480)
Table Surface Configuration (T Slots W x P – No. Of Slots)	mm(inch)	18 x 110 (0.71" x 4.33") - 5ea
<b>Spindle</b>		
Max. Spindle Speed	rpm	10,000
Spindle Motor	kW (HP)	15 / 11 (20 / 15)
Spindle Taper	-	BT-40 (BBT-40) (7/24 Taper)
Spindle Inner Diameter	mm (inch)	Ø70 (2.76")
Method Of Spindle Lubrication And Cooling	-	Grease Lubrication, Jacket Cooling
<b>Feedrate</b>		
Rapid Speed (X / Y / Z)	m/min (ipm)	30 / 36 / 36 (1,181.1 / 1,417.32 / 1,417.32)
Cutting Feedrate (X / Y / Z)	mm/min (ipm)	1 ~ 10,000 (0.04 ~ 393.7)
<b>ATC</b>		
Type Of Tool Shank	-	MAS-403 BT-40
Type Of Pull Stud	-	MAS P40T-1 (45°)
Tool Storage Capacity	ea	24
Max. Tool Diameter [With / Without Adjacent Tools]	mm (inch)	Ø80 / Ø150 (3.15" / 5.91")
Max. Tool Length	mm (inch)	300 (11.81")
Max. Tool Weight (including pull stud)	kg (lb)	8 (18)
Tool Changing Time (Tool To Tool)	sec	1.7
<b>Motor</b>		
Feed Motor (X / Y / Z)	kW (HP)	4 / 4 / 4 (5.4 / 5.4 / 5.4)
Coolant Motor (Spindle / Chip Flushing)	kW( HP)	1.1 / 1.1 (1.5 / 1.5)
Spindle Cooling Motor	kW (HP)	0.18 (0.24)
<b>Power Source</b>		
Electric Power Supply	kVA	30
Compressed Air Supply (Pressure x Consumption)	-	5 ~ 7kgf/cm <sup>2</sup> x 690NL/min
<b>Tank Capacity</b>		
Spindle Cooling / Lubrication	ℓ (gal)	15 / 2 (3.9 / 0.5)
Coolant	ℓ (gal)	950 (250.9)
<b>Machine Size</b>		
Height (Z-Axis Top Point)	mm (inch)	3,000 (118.11")
Floor Space (L x W)	mm (inch)	7,700 x 3,010 (303.15" x 118.5")
Weight	kg (lb)	20,000 (44,092)
NC Controller		FANUC 0i-MF