

Travel		
X-axis	3200(125.9")	mm/(inch)
Y-axis	1100(43.3")	mm/(inch)
Z-axis	700(27.5")	mm/(inch)
Z axis(O.P.)		mm/(inch)
Spindle nose to table surface	100~800(3.9~31.4")	mm/(inch)
Distance between columns	1200/47.2	mm/(inch)
Table		
Dimension	3300x900(129.9 x 35.4")	mm/(inch)
Working area	3200x1060(125.9 x 41.7")	mm/(inch)
T-Slot (W x No. x CD)	22 x 7 x 125	mm/(inch)
Max. Table load	5000/3740	KG(lbs)
Spindle		
Spindle speed (Built-in type)	18,000/20,000(O.P.)	RPM
Spindle motor (Built-in type) / Torque Max.	18kw / 80NM	kw/NM
Spindle Taper	HSK 63A	
Spindle speed (Direct Drive)	BT40: 12,000 / 15,000 BT50:8,000/10,000/12,000rpm(O.P.)	RPM
Controller	Fanuc/Mitsubishi/Siemens	
Dual-speed spindle motor Kw-Nm(L/H) (Direct Drive)	<p>1.Fanuc- ①αT8 / ②αT15 / ③αL15/④ αL26 / ⑤ αB160LL / ⑥ αL8</p> <p>① αT8 7.5Kw-15000rpm L:47Nm H:23.9Nm  ② αT15 18.5Kw-12000rpm L:102Nm H:28.6Nm  ③ αL15 18.5Kw-15000rpm L:150Nm H:35Nm  ④ αL26 (18.5-22kw) 10000rpm L:286Nm H:88Nm  ⑤ αB160LL (30kw) 10000rpm L:350Nm H:95Nm  ⑥ αL8 11-15Kw-20000rpm L:79.5Nm H:23.9Nm</p> <p>-----</p> <p>2.Mitsubishi- SJ-VKRS30-06ZM  22Kw-10000rpm L:286Nm H:88Nm</p> <p>-----</p> <p>3.Siemens- 1PM6138-2LF8  22Kw-10000rpm L:140Nm H:53Nm</p> <p>(After Mounting Gear Box)</p>	Kw/Nm

α22+ZF Gear Box α30+ZF(Direct Drive)	H:8000rpm/140NM L:2000rpm/560NM	(1:4)
SJ-V26+ZF Gear Box(Direct Drive)	(After Mounting Gear Box, the torque increase 4 times at low speed) H:8000rpm/286NM L:700rpm/1140NM	(1:4)
Spindle Taper (o.p.)	BT40/DIN69871 / BT50/DIN69871(O.P.)	
Feedrate		
Cutting feed	1-10,000(DEPENDING ON CONTROLLER)	mm
X/Y axis rapid traverse(o.p.)	20,000(36,000)	mm
Z axis rapid traverse(o.p.)	20,000(36,000)	mm
X axis servo motor	22	NM
Y/Z axis servo motor	22/30	NM
Linear guide (Roller Type)		
X/Y/Z axis	X:45x2sets / Y:45x2sets 25x1set / Z:45x2sets	mm
Ballscrew		
X axis ballscrew dia x pitch	50 x 12	mm
Y axis ballscrew dia x pitch	50 x 12	mm
Z axis ballscrew dia x pitch	45x10	
A.T.C.		
Type of tool(HSK63A/BT40)	Armless type	Armless
Tool capacity	12(OP)16/20	
Type of tool(for BT40/BT50)	Arm	Arm
Tool capacity	24/30(Disc type) 32/40/60/80/120(Chain type)	
Maximum tool diameter	24T(BT40) : 135 (5.3") 24T(BT50) : 160 (6.3")	mm/inch
Maximum tool length	24T(BT40) : 300 (11.8") 24T(BT50) : 400 (15.7")	mm/inch
Maximum tool weight	8 (17.63) / 20 (44)	kgs/lbs
Tool to tool time	1.8 / 2.5	Sec
Air supply	6	kg/cm <sup>2</sup>
Power supply	35	KVA
Coolant pump	1HP x 2pcs	HP
Machine weight (net)	17,200/37,840	kgs/lbs

Raiser block 200mm(O.P.)	310~865	mm
Raiser block 500mm(O.P.)	610~1165	mm

\*All specifications and designs are subject to change without notice.