

Travel		
X-axis	3000(118")	mm/(inch)
Y-axis	1700(67")	mm/(inch)
Z-axis	900(35.4")	mm/(inch)
Z axis(O.P.)		mm/(inch)
Spindle nose to table surface	120~1020(4.7~40.1")	mm/(inch)
Distance between columns	1800/70.8	mm/(inch)
Table		
Dimension	3200 x 1700(125.9 x 67")	mm/(inch)
Working area	3000 x 1660(118 x 61.4")	mm/(inch)
T-Slot (W x No. x CD)	22 x 9 x 200	mm/(inch)
Max. Table load	6200/13640	KG(lbs)
Spindle		
Spindle speed (Built-in type)	18,000/20,000(O.P.)	RPM
Spindle motor (Built-in type) / Torque Max.	21kw / 200NM	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)	1.Fanuc- ①αT8 / ②αT15 / ③αL15/④ αL26 / ⑤ αB160LL / ⑥ αL8 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 ----- 2.Mitsubishi- SJ-VKRS30-06ZM 22Kw-10000rpm L:286Nm H:88Nm ----- 3.Siemens- 1PM6138-2LF8 22Kw-10000rpm L:140Nm H:53Nm (After Mounting Gear Box)	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.)	BT50/DIN69871	
Feedrate		
Cutting feed	1-10,000(DEPENDING ON CONTROLLER)	mm
X/Y axis rapid traverse(o.p.)	16000	mm
Z axis rapid traverse(o.p.)	12000	mm
X axis servo motor	30	NM
Y/Z axis servo motor	22/30(Z axis Hydraulic Balance)	NM
Linear guide (Roller Type)		
X/Y/Z axis	X:55x2sets/ Y:45x2sets 25x1set/ Z:55x2sets	mm
Ballscrew		
X axis ballscrew dia x pitch	55 x 16	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/cm2
Power supply	35	KVA
Coolant pump	1HP x 2pcs	HP
Machine weight (net)	28,500/62,700	kgs/lbs

Raiser block 200mm(O.P.)	—	mm
Raiser block 500mm(O.P.)	—	mm

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