

TRAVEL		
X axis		4000 / 157.5" mm/(inch)
Y axis		2900 +480 / (114" +18.8") mm/(inch)
Z axis		1000 / 39.4" mm/(inch)
Distance between columns		3000 / 118" mm/(inch)
Table		
Dimension		4200 x 2700 / (165.4"x106.3") mm/(inch)
Working area (without tool length)		3520 x 2900 / (138.6"x114.2") mm/inch
T-Slot (W x No. x CD)		28 x 14 x 200 mm
Max. Table load		15000 / 33000 kgs / lbs
Spindle		
Spindle speed (Built-in type)		18000 RPM rpm
Spindle motor (Built-in type) / Torque Max.		29.5kw / 70.4NM kw/NM
Spindle Taper		HSK A63
Feedrate		
Cutting feed		1-10,000 (DEPENING ON CONTROLLER) mm
X/Y axis rapid traverse(o.p.)		16 / 16 M
Z axis rapid traverse(o.p.)		12 M
X axis servo motor		HEIDENHAIN : X, Y axis: QSY-190D 9.6kw 38NM Z axis: QSY-190C 7.2kw 28NM(+Nitrogen balance)
		NM
Y/Z axis servo motor		SIEMENS : X,Y axis: 1FK7103 5.37kw 36NM
X/Y/Z axis with Gear reducer		Z axis: 1FK7101 4.87kw 27NM (+Nitrogen balance)
		NM
Linear guide (Roller Type)		
X axis		X:65x2sets rpm
Y axis		Y:45x2sets + 35x1set rpm
Z axis		Z:55x2sets + 45x2sets rpm
BallscREW		
X axis ballscrew dia x pitch		63 x 12 mm/(in)
Y axis ballscrew dia x pitch		55 x 12 mm/(in)
Z axis ballscrew dia x pitch		45 x 12 mm/(in)
ATC		
Type of tool(HSK63A/BT40)	Tool capacity	12(OP) 16/20 Armless斗笠式
Type of tool(for BT40/BT50)	Tool capacity	24/30 (Disc type) Arm刀磨式
Type of tool(for BT40/BT50)	Tool capacity	32/40/60/80/120 (Chain type)
Maximum tool diameter		24T(BT40) : 78(3.1") / 24T(BT50) : 110(4.3") mm/inch
Maximum tool length		24T(BT40) : 300(11.8") / 24T(BT50) : 350(13.8") 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 ²
Power supply		45 KVA
Coolant pump		1HP x 2pcs HP
Machine weight (net)		68000 / 149600 kgs / lbs
Raiser block 200mm(O.P.)		x mm
Raiser block 500mm(O.P.)		x mm

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