

TRAVEL			
X axis		5000 / 196.9"	mm/(inch)
Y axis		2500 +480 / (98.4" +18.8")	mm/(inch)
Z axis		1000 / 39.4"	mm/(inch)
Distance between columns		2600 / 102.4"	mm/(inch)
Table			
Dimension		5200 x 2150 / (294.7"x84.6")	mm/(inch)
Working area	(without tool length)	4520 x 2500 / (178"x98.4")	mm/inch
T-Slot (W x No. x CD)		22 x 10 x 200	mm
Max. Table load		18000 / 39600	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	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/Z axis with Gear reducer		X,Y axis: 1FK7103 5.37kw 36NM 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		80 x 12	mm/(in)
Y axis ballscrew dia x pitch		50 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刀臂式
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)		50000 / 110000	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.