

TRAVEL		
X axis	4000 / 157.5"	mm/(inch)
Y axis	2100 +480 / (82.6" +18.8")	mm/(inch)
Z axis	1000 / 39.4"	mm/(inch)
Distance between columns	2200 / 86.6"	mm/(inch)
Table		
Dimension	4200 x 1800 / (165.4"x70.8")	mm/(inch)
Working area (without tool length)	3520 x 2100 / (138.5"x82.6")	mm/inch
T-Slot (W x No. x CD)	22 x 10 x 200	mm
Max. Table load	12000 / 26400	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.)	20	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	63 x 16	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
Type of tool(for BT40/BT50) capacity	Tool	24/30 (Disc type)
Type of tool(for BT40/BT50) capacity	Tool	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)	36500 / 80300	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.