

Travel		
X-axis	550 / (21.6")	mm/(inch)
Y-axis	400 / (15.7")	mm/(inch)
Z-axis	350 / (13.8")	mm/(inch)
TILTING TABLE Fix on X axis block		
Size: DIA mm	Ø650	mm
Width of T-slot	5×18×100	
Rotary-axis	360°	degree
Tilting-axis	-50+110°	degree
Max table loadHorizontal position	300Kgs	Kgs
Max table loadVertical position	200Kgs	Kgs
AXES DRIVE MOTOR (FANUC/SIEMENS/HEIDENHAIN)		
X axis Servo Motor	α30 30NM 5.5kW / 1FK7101 27NM 4.87kW / QSY190C 28NM 7.2kW	
Y axis Servo Motor	α22 22NM 4.5kW / 1FK7100 18NM 3.77kW / QSY155D 81.6NM 5.7kW	
Z axis Servo Motor	α30 30NM 5.5kW / 1FK7101 27NM 4.87kW / QSY190C 28NM 7.2kW	
Rotary Axis Servo Motor	α30 30NM 5.5kW / 1FK7101 27NM 4.87kW / QSY190D 38NM 9.6kW	
Tilting Axis Servo Motor	α22 22NM 4.5kW / 1FK7100 18NM 3.77kW / QSY155C17.7NM 5.0kW	
SPINDLE		
Spindle motor (SIEMENS)	1PH8105 7kw/45NM	
Spindle motor (HEIDENHAIN)	QAN200 10kw/63NM	
Spindle motor (FANUC)	αi1T8 75/11kw 47/17NM	
Taper size – standard	BBT40	
Spindle Speed - Direct Drive	12000	rpm
Spindle Speed - Built-in (Opt.)	24000	rpm
Spindle Speed - Built-in (Opt.)	BIL112S	
Spindle nose to table surface (mm/in)		mm/(in)
Spindle center to column surface (mm/in)	150~500 mm	mm/(in)
FEEDRATE		
Cutting feedrate(mm/min) for X,Y,Z	1~15,000 mm	
Min. input increment		
Rapid traverse rates (mm/min) X, Y, Z	36/36/36 M/min	
C3 class Ballscrews (X/Y/Z) (Dia. x pitch)	(XYZ) Diz.40xPitch12mm	
Linear roller guide X/Y/Z axes (mm)	(XYZ) 45mmx2sets+4 bock	
Machine Dimensions		
Size: Width x Length x Hight (cm/in)	2500x2700x3000mm	kw/NM

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