

TRAVEL		
X axis	800 / (31.5")	mm/(inch)
Y axis	700 / (27.6")	mm/(inch)
Z axis	600 / (23.6")	mm/(inch)
TILTING TABLE Fix on X axis block		
Size: DIA (mm)	Ø500	mm/(inch)
Width of T-slot	14H7	
Rotary-axis(degree)	360(degrees)	degrees
Tilting-axis(degree)	+30 ~ -120degrees	degrees
Max table load (Kgs)...Horizontal position	500Kgs	kgs/ibs
Max table load (Kgs)...Vertical position	500Kgs	kgs/ibs
AXES DRIVE MOTOR (FANUC/SIEMENS/HEIDENHAIN)		
X axis Servo Motor	α22 / 1FK7083 / QSY155C	
Y axis Servo Motor	α22 / 1FK7083 / QSY155C	
Z axis Servo Motor	α22 / 1FK7083 / QSY155C	
Rotary Axis Servo Motor	α8 / 1FK7063 / QSY155B	
Tilting Axis Servo Motor	α22 / 1FK7083 / QSY155B	
SPINDLE		
Spindle motor (FANUC / SIEMENS / HEIDENHAIN)	FANUC : αi12 (11KW/70.0Nm) SIEMENS : 1PH8107(10.5kw/50Nm) HEIDENHAIN : QAN200U (10kw/63.7NM)	
Taper size – standard	BT-40 (o.p. HSK-A63)	
Spindle Speed - Direct Drive	12000/15000/18000 rpm	rpm
Spindle Speed - Built-in (Opt.)	HSKA63 / 20000/24000rpm	rpm
Spindle Speed - Built-in (Opt.)	BT-30 / 30000rpm	rpm
Spindle nose to table surface (mm/in)	100~600mm(3.9"~23.6")	mm/(inch)
Spindle center to column surface (mm/in)	785mm / (30.9")	mm/(inch)
FEEDRATE		
Cutting feedrate(mm/min) for X,Y,Z	1~12,000 (Depending on controller)	
Min. input increment	0.001mm	
Rapid traverse rates (mm/min) X, Y, Z	30/30/20 M/min , Option 48/48/30 M/min	
Ballscrews (X/Y/Z) (Dia. x pitch)	40mmx12/40mmx12/40mmx12	mm/(inch)
Linear roller guide X/Y/Z axes (mm)	45x2set/30x4set/45x2set	
Machine Dimensions		
Size: Width x Length x Hight (cm/in)	260x250x200cm /(102.4"x98.4"x78.7")	cm/inch

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