

Specifications

Machine characteristics	video	Specification Table
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TRAVEL		
X axis		900 / (35.4") mm/(inch)
Y axis		800 / (31.5") mm/(inch)
Z axis		900 / (35.4") mm/(inch)
TILTING TABLE Fix on X axis block		
Size: DIA (mm)		Ø600 / Square 500 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		α30 / 1FK7101 / QSY190C
Y axis Servo Motor		α30 / 1FK7101 / QSY190C
Z axis Servo Motor		α30 / 1FK7101 / QSY190C
Rotary Axis Servo Motor		α8 / 1FK7063 / QSY155B
Tilting Axis Servo Motor		α22 / 1FK7083 / QSY155B
SPINDLE		
Spindle motor (FANUC / SIEMENS / HEIDENHAIN)		FANUC : αii15 (15KW/95.4Nm) SIEMENS : 1PH8133 (15kw/96Nm) HEIDENHAIN : QAN260M (15kw/ 96NM)
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)		935mm / (36.8") 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)		50x12mm/50x12mm50x12mm mm/(inch)
Linear roller guide X/Y/Z axes (mm)		45x2set/30x6set/45x2set
Machine Dimensions		
Size: Width x Length x Hight (cm/in)		320x280x350cm / (126"x110"x137.8") cm/inch
*All specifications and designs are subject to change without notice.		

BACK