

TABLE		
Table size (L*W)	2000*800 / 78.74*31.49	mm/(inch)
X axis travel range	1900/ 74.80	mm/(inch)
Y axis travel range	800/ 31.50	mm/(inch)
Z axis travel range	700/ 27.56	mm/(inch)
Max table load	1200/ 2670	(kg/lbs)
Spindle nose to table surface(Vertical)	30~800/ 1.2"~31.5"	mm/(inch)
Spindle nose to table surface(Horizontal)	275~1045/ 10.8"~41.4"	mm/(inch)
T slot	18*100*8	(W*D*N mm)

ROTARY TABLE

C axis D.D. Motor (FANUC / ETEL)	FANUC DiS500/250(A06B-0495-B200) 200V Liquid cooling / ETEL TMB3060-070	
Table diameter	Ø630/ Ø24.8	(mm/inch)
Center bore diameter	Ø60/ Ø2.36	(mm/inch)
Rotation speed	40~50	(rpm)
Minimum index	0.001	
Max table load	900/ 2000	(kg/lbs)
B axis rated torque (FANUC / SIEMENS / HEIDENHAIN)	α12(12Nm)/ 1FK7083(16Nm)/ QSY155C(17.7Nm)	
C axis rated torque (Nm) (FANUC / ETEL)	520/554	
Built-in spindle		
Spindle taper	BT40/BBT40/HSK-A63	
Spindle center to column	850 / 33.46	(mm/inch)
Spindle speed	15000	
Motor type (FANUC / ATE)	FFANUC Bil112L/ATE-180	kw/NM
Spindle motor (KW) (FANUC / ATE)	15-18.5/ 27-35	(rpm)
Motor torque (Nm) (FANUC / ATE)	95-167/ 93-113	

SWING HEAD

Drive type	WORM GEAR / OP D/D MOTOR TMB+0290-150	
Reduction ratio	1 : 90 / 1 : 1	
Tilting range	±120 / ±120	(degree)
Max speed	16.7 / 40-50	(rpm)
Minimum unit	0.001 / 0.001	
Working torque	350 / 782	(Nm)

AXIS SERVO MOTORS

Rapid feed rate (X/Y/Z)	24/24/24 (945/ 945/ 945)	m/min (inch/min)
Feed rate (X/Y/Z)	10 (394)	m/min (inch/min)
Rated torque for X,Y,Z axes (FANUC / SIEMENS / HEIDENHAIN)	α30(30Nm)/ 1FK7101(27Nm)/	

SIEMENS /

QSY190C(28Nm)

ACCURACY

Positioning for XYZ axes 0.005/ 0.0002 (mm/inch)

BC rotary (sec)-Undirectional 4"

Repeatability for XYZ axes 0.005/ 0.0002 (mm/inch)

BC rotary (sec)-Bidirectional 8"

OTHER

Air requirement 6 (kg/cm)

Voltage 380

Power requirement (KVA) 40

Coolant tank capacity (L) 280

Machine weight 11000 / 24450 (kg/lbs)

Floor space (L*W) 5.2*3/ 205*118.1 m/inch

Packing size (L*W*H) 6.5*3*3.5 / 256*118.1*137.8 m/inch

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