

TABLE		
Table size (L*W)	1500*650/59.05*25.59	mm/(inch)
X axis travel range	1100/43.3"	mm/(inch)
Y axis travel range	650/25.6"	mm/(inch)
Z axis travel range	720/28.3"	mm/(inch)
Max table load	700/1560	(kg/lbs)
Spindle nose to table surface(Vertical)	30~750/1.2"~29.53"	mm/(inch)
Spindle nose to table surface(Horizontal)	275~995/10.8"~39.1"	mm/(inch)
T slot	18*100*5	(W*D*N mm)

ROTARY TABLE

C axis D.D. Motor (FANUC / ETEL)	FANUC DiS250/250(A06B-0495-B200) 200V Liquid cooling /ETEL TMB0291-70	
Table diameter	Ø500/ Ø19.68	(mm/inch)
Center bore diameter	Ø50/ Ø1.96	(mm/inch)
Rotation speed	22.2	(rpm)
Minimum index	0.001	
Max table load	550/1225	(kg/lbs)
B axis rated torque (FANUC / SIEMENS / HEIDENHAIN)	α12(12Nm)/ 1FK7063(11Nm)/ QSY155B(13Nm)	
C axis rated torque (Nm) (FANUC / ETEL)	225/356	
Built-in spindle		
Spindle taper	BT40/BBT40/HSK-A63	
Spindle center to column	750/29.52	(mm/inch)
Spindle speed	15000	
Motor type (FANUC / ATE)	FANUC Bi112S/ATE-170	kw/NM
Spindle motor (KW) (FANUC / ATE)	5.5-7.5/21-25	(rpm)
Motor torque (Nm) (FANUC / ATE)	44-60/ 69-83	

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)	36/36/24 (1417/1417/945)	m/min (inch/min)
Feed rate (X/Y/Z)	10 (394)	m/min (inch/min)
Rated torque for X,Y,Z axes (FANUC / SIEMENS /	α22(22Nm)/ 1FK7083(16Nm)/ QSY155C(17.7Nm)	

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	7200 / 16000	(kg/lbs)
Floor space (L*W)	4*2.5 / 157.5*98.5	m/inch
Packing size (L*W*H)	3*2.5*3 / 118.1*98.5*118.1	m/inch

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