

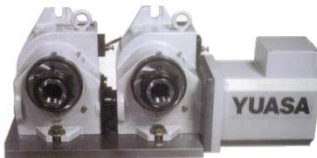
# YUASA Rotary Products

## RFT series Fourth Axis Rotary Tables

**Features:**

- Compatible with most popular AC servo motors (Fanuc, Mitsubishi, Yaskawa etc.)
- New spindle disc brake design with up to 40% more holding force
- Pressure switches provide trouble free brake operation
- Internal harness provided with each rotary table (external harness optional)
- 100 VAC (Std) or 24 VDC solenoid valve supplied
- Large class “A” tapered roller spindle bearings supporting axial and radial loads
- Hardened and ground spur gear drive
- Double lip oil seal for maximum protection against coolant contamination
- New worm shaft housing design with dual needle and thrust bearings for anti-backlash
- Dual main casting grooves with o-rings for the utmost defense against contamination reaching motor
- Home position and over-travel limit switches provided

Model # RFT Series	140	170	220	280	320	400
Sub Table inch(mm)						
O.D	5.51(140)	6.69(170)	8.66(220)	11.02(280)	12.60(320)	15.75(400)
I.D Bore	0.98(25)	1.65(42)	1.65(42)	1.65(42)	1.65(42)	1.65(42)
I.D Thread	M20 x 2.5	M36 x 3.0	M36 x 3.0	M36 x 3.0	M36 x 3.0	M36 x 3.0
Center Height inch(mm)	4.53(115)	5.12(130)	6.30(160)	7.48(190)	8.66(220)	10.24(260)
Max RPM	41.6		33	16.6		
Rotational Torque ft.lbs(kg/m)	240(32)	240(32)	300(40)	950(120)	950(120)	1400(186)
Spindle Brake Torque ft.lbs(kg/m)	65(9)	110(15)	180(25)	325(45)	480(66)	650(90)
Resolution (degrees)	0.001”					
Max Load Horizontal (table position) lbs(kg)	110(50)	180(80)	260(120)	400(180)	550(250)	660(300)
Max Load Vertical (table position) lbs(kg)	55(25)	90(40)	130(60)	200(90)	275(125)	330(150)
Positioning Accuracy	(+/-) 22.5 seconds					
Repeatability	6 seconds					
Motor Type	AC Servo Motor (Fanuc, Yasnac, Sanyo, Meldas etc) Please Specify					
Setting Position	Horizontal/Vertical					
Thru Hole Diameter (spindle) inch(mm)	1.26(32)	1.77(45)	2.50(63.5)	3.54(90)	4.33(110)	5.12(130)
Spindle Runout inch(mm)	0.0006(0.02)					
Spindle Type	Accu-Flange Plate with 6 T-Slots					
Gear Ratio	72:1		90:1	180:1		
Solenoid Type	100 VAC (Std) or 24 VDC					
Limit Switch Condition	N/C (Std) or N/O					
Brake Condition	Solenoid is active or non-active when brake is on – please specify					
Net Weight lbs(kg)	84(38)	108(49)	180(82)	282(128)	418(190)	682(310)



Model SCA-2 with Sanyo AC Servo Motor



Model 220 w/8" air chuck and adapter plate



Model 220 w/8" air chuck and adapter plate



Model RFT-320 with Fanuc AC Servo Motor



Model 220 with CMC Servo Motor