



Large Rotary Tables

- ▶ Handle large, heavy workpieces with 4 axis versatility
- ▶ High load capacity due to rigid axial radial roller bearings
- ▶ Can be configured for vertical or horizontal usage
- ▶ Can be setup as full 4th axis or as an indexer

Large Rotary Tables							
Item/Model No.		DR-1000R	DR-1250	DR-1500	DR-2000	DR-2500	
Diameter of Table	mm / inch	Ø1000 / 39.37"	Ø1250 / 49.21"	Ø1500 / 59.05"	Ø2000 / 78.74"	Ø2500 / 98.42"	
Diameter of Thru-hole	mm / inch	-	-	-	-	-	
Center Height in Vertical	mm / inch	650 / 25.59"	810 / 31.89"	900 / 35.43"	1100 / 43.30"	1375 / 54.13"	
Overall Height in Vertical	mm / inch	1150 / 45.28"	1435 / 56.50"	1650 / 64.96"	2100 / 82.68"	2625 / 103.35"	
Overall Height in Horizontal	mm / inch	530 / 20.87"	600 / 23.62"	700 / 27.56"	720 / 28.35"	900 / 35.43"	
Width of T Slot	mm	22 ^{H7}	22 ^{H7}	22 ^{H7}	28 ^{H7}	28 ^{H7}	
Width of Guide Block	mm	22 ^{H7}	22 ^{H7}	28 ^{H7}	36 ^{H7}	36 ^{H7}	
Servo Motor Type	FANUC	α30i	α30i	α30i	α40i	α40i	
	MITSUBISHI	HA-300NC	HA-300NC	HA-300NC	HA-700NC	HA-700NC	
	SIEMENS	1FK7103	1FK7103	1FK7103	1FK7105	1FK7105	
	HEIDENHAIN	QSY155F	QSY155F	QSY155F	QSY190D	QSY190D	
Total Reduction Ratio		1:360	1:720	1:720	1:720	1:720	
MIN. Increment	deg.	0.001°	0.001°	0.001°	0.001°	0.001°	
MAX. Rotation Speed(Motor:2000 RPM)	RPM	5.4	2.7	2.7	2.7	2.7	
Clamping Torque	Pneumatic System:6kg/cm ²	kgf•m / ft•lb	-	-	-	-	
	Hydraulic System:20kg/cm ²		10000 / 72,330 (Hydraulic:35kg/cm ²)	12000 / 86,796 (Hydraulic:35kg/cm ²)	15000 / 108,495 (Hydraulic:35kg/cm ²)	20000 / 144,660 (Hydraulic:35kg/cm ²)	25000 / 180,825 (Hydraulic:35kg/cm ²)
Indexing Accuracy		sec.	10"(w/ RON275)	10"(w/ RON275)	10"(w/ RON275)	10"(w/ RON275)	
Repeatability Accuracy	Unidirectional	sec.	Based on Encoder				
	Bidirectional						
N.W.		kg / lbs	2600 / 5732	4000 / 8818	6500 / 14330	8000 / 17637	11500 / 25353
MAX. Work Load	Vertical	kg / lbs	1500 / 3307	2000 / 4409	3000 / 6614	4000 / 8818	5000 / 11023
	Horizontal	kg / lbs	3500 / 7716	5000 / 11023	8000 / 17637	10000 / 22046	15000 / 33069
MAX. Thrust Load	F	kgf / lbf	2800 / 6173	5000 / 11023	10000 / 22046	15000 / 33069	20000 / 44092
	FxL	kgf•m / ft•lb	300 / 2170	420 / 3038	520 / 3761	700 / 5063	900 / 3617
	FxL	kgf•m / ft•lb	380 / 2749	580 / 4195	680 / 4918	820 / 5931	1025 / 7414
Driving Torque		kgf•m / ft•lb	400 / 2893	500 / 3617	580 / 4195	700 / 5063	875 / 6329