

Horizontal CNC Rotary Table



- Ideal for horizontal boring mill applications
- Can be connected to a machine's control or run with a stand-alone control
- Hydraulic brake system allows for heavy cutting
- Base design can be customized to customer's interface requirements

Horizontal CNC Rotary Tables													
Item/Model No.		HR-400	HR-500	HR-630	HR-800	HR-1000	HR-1250	HR-1400	HR-1600	HR-2000	HR-2500	HR-3000	
Table Dimension	mm / inch	400 / 15.75"	500 / 19.68"	630 / 24.80"	800 / 31.49"	1000 / 39.37"	1250 / 49.21"	1400×1600 / 55"×63"	1600×1800 / 63"×71"	2000 / 78.74"	2500 / 98.42"	3000 / 118.11"	
Table Swing Diameter	mm / inch	Ø538 / 21.18"	Ø680 / 26.77"	Ø856 / 33.70"	Ø1082 / 42.60"	Ø1345 / 52.99"	Ø1688 / 66.46"	Ø2052 / 80.79"	Ø2284 / 89.92"	Ø2500 / 98.42"	Ø3202 / 126.06"	Ø3905 / 153.75"	
Overall Height	mm / inch	270 / 10.63"	295 / 11.61"	330 / 13.00"	360 / 14.17"	390 / 15.35"	450 / 17.72"	455 / 17.91"	500 / 19.68"	550 / 19.69"	650 / 25.53"	700 / 27.56"	
Width of T Slot	mm	14 ^{H7}	18 ^{H7}	20 ^{H7}	22 ^{H7}	22 ^{H7}	22 ^{H7}	22 ^{H7}	22 ^{H7}	28 ^{H7}	28 ^{H7}	28 ^{H7}	
Servo Motor Type	FANUC	α12i	α22i	α22i	α22i	α30i	α30i	α30i	α30i	α40i	α40i	α40i	
	MITSUBISHI	HF-203	HF-353	HF-353	HF-353	HF-453	HF-453	HF-453	HF-453	HF-703	HF-703	HF-703	
	SIEMENS	1FK7083	1FK7101	1FK7101	1FK7101	1FK7103	1FK7103	1FK7103	1FK7103	1FK7105	1FK7105	1FK7105	
	HEIDENHAIN	QSY155B	QSY155D	QSY155D	QSY155D	QSY190C	QSY190C	QSY190C	QSY190C	QSY190F	QSY190F	QSY190F	
Total Reduction Ratio		0.104166667	0.104166667	0.166666667	0.166666667	0.241666667	0.541666667	1:1,200	1:1,440	1:1,800	1:2,400	1:2,800	
MIN. Increment	deg.	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	
MAX. Rotation Speed (Motor: 2000 RPM)	RPM	22.2	22.2	11.1	11.1	6.9	2.7	1.6	1.3	1.1	0.8	0.7	
Indexing Accuracy	sec.	15"	15"	15"	15"	Based on Encoder							
Repeatability Accuracy	Unidirectional	sec.	4"	4"	4"	4"							
	Bidirectional		8"	8"	8"	8"							
Clamping Torque	Hydraulic	kgf·m / lbf·ft	205 / 1,483	447 / 3,233	639 / 4,622	1,082 / 7,826	1,350 / 9,765	712 / 5,150	853 / 6,170	996 / 1,204	1,210 / 8,752	1,494 / 10,806	1,816 / 13,135
MAX. Work Load		kg / lbs	500 / 1,100	700 / 1,540	1,200 / 2,640	3,000 / 6,600	5,000 / 11,000	7000 / 15,400	10,000 / 22,000	15,000 / 33,000	25,000 / 55,000	35,000 / 77,000	50,000 / 110,000
N.W.		kg / lbs	400 / 880	550 / 1,210	860 / 1,892	1,250 / 2,750	2,000 / 4,400	3,500 / 7,700	4,500 / 9,900	5,500 / 12,100	8,500 / 18,700	12,000 / 26,400	16,000 / 35,200