



## Horizontal CNC Rotary Tables

- 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-1416	HR-1618	HR-1820	HR-2000	HR-2500	
<b>Table Dimension</b>	mm / inch	□ 400 / 15.75"	□ 500 / 19.68"	□ 630 / 24.80"	□ 800 / 31.49"	□ 1000 / 39.37"	1400x1600 / 55" x 63"	1600x1800 / 63" x 71"	1800x2000 / 71" x 79"	□ 2000 / 78.74"	□ 2500 / 98.42"	
<b>Table Swing Diameter</b>	mm / inch	Ø540 / 21.26"	Ø680 / 26.77"	Ø800 / 31.49"	Ø1038 / 40.86"	Ø1346 / 52.99"	Ø2050 / 80.70"	Ø2298 / 90.47"	Ø2582 / 101.65"	Ø2500 / 98.42"	Ø3126 / 123.07"	
<b>Overall Height</b>	mm / inch	270 / 10.63"	295 / 11.61"	360 / 14.17"	360 / 14.17"	390 / 15.35"	456 / 17.95"	500 / 19.68"	580 / 22.83"	600 / 23.62"	700 / 27.56"	
<b>Width of T Slot</b>	mm	14 <sup>H7</sup>	14 <sup>H7</sup>	18 <sup>H7</sup>	22 <sup>H7</sup>	22 <sup>H7</sup>	22 <sup>H7</sup>	22 <sup>H7</sup>	28 <sup>H7</sup>	28 <sup>H7</sup>	28 <sup>H7</sup>	
<b>Servo Motor Type</b>	FANUC	α12i	α12i	α22i	α22i	α30i	α30i	α40i	α40i	α40i	α40i	
	MITSUBISHI	HF-203	HF-203	HF-353	HF-353	HA-300NC	HA-300NC	HA-700NC	HA-700NC	HA-700NC	HA-700NC	
	SIEMENS	1FK7083	1FK7083	1FK7101	1FK7101	1FK7103	1FK7103	1FK7105	1FK7105	1FK7105	1FK7105	
	HEIDENHAIN	QSY155B	QSY155B	QSY155D	QSY155D	QSY155F	QSY155F	QSY190D	QSY190D	QSY190D	QSY190D	
<b>Total Reduction Ratio</b>		1:180	1:180	1:180	1:180	1:240	1:720	1:720	1:720	1:720	1:720	
<b>MIN. Increment</b>	deg.	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	0.001°	
<b>MAX. Rotation Speed (Motor: 2000 RPM)</b>	RPM	11.1	11.1	11.1	11.1	8.3	2.7	2.7	2.7	2.7	2.7	
<b>Indexing Accuracy</b>	sec.	15"	15"	15"	10"(RON275)	10"(RON275)	10"(RON275)	10"(RON275)	10"(RON275)	10"(RON275)	10"(RON275)	
<b>Repeatability Accuracy</b>	Unidirectional	sec.	4"	4"	4"	Based on Encoder		Based on Encoder				
	Bidirectional		8"	8"	8"							
<b>Clamping Capacity</b>	Hydraulic	kgf / lbf	2500 / 5512	3500 / 7716	4500 / 9921	5500 / 12,125	7500 / 16,535	10,000 / 22,046	12,000 / 26,455	14,000 / 30,864	16,000 / 35,273	21,000 / 46,296
<b>Max. Machine Force</b>		kgf·m / ft·lb	180 / 1302	230 / 1664	320 / 2315	380 / 2749	480 / 3472	650 / 4701	750 / 5425	850 / 6148	1000 / 7233	1500 / 10,849
<b>MAX. Work Load</b>		kg / lbs	500 / 1102	600 / 1323	1200 / 2645	3000 / 6614	5000 / 11,023	7000 / 15,432	15,000 / 33,069	20,000 / 44,092	25,000 / 55,115	30,000 / 66,138
<b>N.W.</b>		kg / lbs	300 / 662	380 / 838	860 / 1896	1200 / 2646	2000 / 4410	4000 / 8819	5500 / 12,126	8000 / 17,639	8800 / 19,400	11,500 / 25353