



Horizontal CNC Index Tables

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

Horizontal CNC Index Tables						
Item/Model No.		HC-400	HC-500	HC-630	HC-800	HC-1000
Table Dimension	mm / inch	□ 400 / 15.75"	□ 500 / 19.68"	□ 630 / 24.80"	□ 800 / 31.49"	□ 1000 / 39.37"
Diameter of Center-hole	mm / inch	Ø30 / 1.18"	Ø30 / 1.18"	Ø40 / 1.57"	Ø60 / 2.36"	Ø60 / 2.36"
Table Swing Diameter	mm / inch	Ø540 / 21.26"	Ø680 / 26.77"	Ø857 / 33.74"	Ø1040 / 40.94"	Ø1345 / 52.95"
Overall Height	mm / inch	310 / 12.20"	320 / 12.60"	285 / 11.22"	360 / 14.17"	390 / 15.35"
Width of T Slot	mm	14 ^{H7}	14 ^{H7}	20 ^{H7}	22 ^{H7}	22 ^{H7}
Hydraulic Clamp/Unclamp Power	kgf/cm ² / psi	20 / 284	20 / 284	25 / 355	35 / 497	35 / 497
Servo Motor Type	FANUC	α12i	α12i	α22i	α22i	α30i
	MITSUBISHI	HF-203	HF-203	HF-353	HF-353	HF-353
	SIEMENS	1FK7083	1FK7083	1FK7101	1FK7101	1FK7103
	HEIDENHAIN	QSY155B	QSY155B	QSY155D	QSY155D	QSY155F
Total Reduction Ratio		1:180	1:180	1:180	1:180	1:240
Minimum Index Increment	deg.	1°	1°	1°	1°	1°
Maximum Rotation Speed (Motor:2000 RPM)	RPM	11.1	11.1	11.1	11.1	8.33
Indexing Accuracy	sec.	6"	6"	6"	6"	6"
Repeatability	sec.	2"	2"	2"	2"	2"
Clamping Capacity	kgf / lbf	2500 / 5511	3000 / 6614	4000 / 8818	7000 / 15,432	12,000 / 26,455
Max. Machine Force	kgf•m / ft•lb	320 / 2315	460 / 3327	620 / 4484	740 / 5352	950 / 6871
MAX. Work Load	kg / lb	600 / 1323	800 / 1764	2000 / 4409	3000 / 6614	5000 / 11,023
N.W.	kg / lb	325 / 717	360 / 794	525 / 1158	1360 / 2999	1720 / 3792