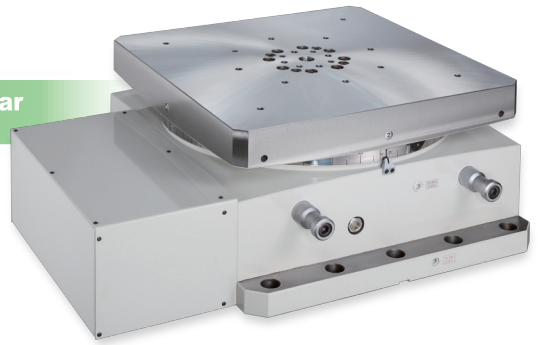




HC-H

Non- lifting CNC Horizontal Hydraulic coupling Gear Index Table

Motor driver with dual lead worm transmission
Built-in 3 pcs Hirth coupling,
each every 1 or 5 degrees indexing (72D or 360D)
Hydraulic clamping system, Hydraulic Pressure=35kg/cm²
※ Horizontal position only



Model		HC-450H		HC-600H		HC-800H	
Table Plate size (LxW)		(mm)		450 x 450		600 x 600	
Table Center Hole Diameter		(mm)		ø50 ^{H7}		ø40 ^{H7}	
Table overall Height		(mm)		280		320	
Table T-Slot Width		(mm)		18 ^{H7}		20 ^{H7}	
Standard guide block width		(mm)		18 ^{H7}		20 ^{H7}	
Hydraulic Pressure		(kg/cm ²)		35 by Hyd.		35 by Hyd.	
Table max. Division		(division)		72	360	72	360
Minimum input increment		(degree)		5°	1°	5°	1°
Total speed (Motor 2000rpm)	Rotation Speed	(r.p.m.)		16.6		11.1	
	Gear Ratio			1 / 120		1 / 180	
Servo Motor (Optional)	FANUC			α iF12		α iF12	
	MITSUBISHI			HF-204S		HF-204S	
	SIEMENS			1FK7083		1FK7101	
Rotation torque		(kgf-m)		200		280	
Indexing accuracy (accumulative)		(sec)		± 4"		± 4"	
Repetitive accuracy		(sec)		± 1"		± 1"	
Clamping Torque	F	(kgf) (N)		3970 38500		6448 63000	
	F x L	(kg-m) (N-m)		1428 13990		1980 19400	
	F x H	(kg-m) (N-m)		550 5390		840 8232	
Load Capacity	0°	(kg)		1200		2500	
Weight	Net	(kg)		300		650	

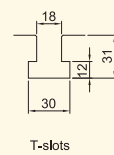
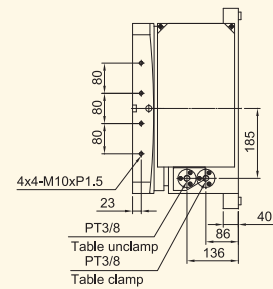
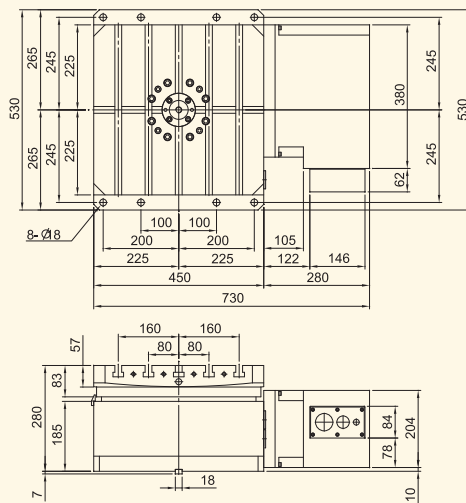
* We reserve the right to make changes arising from constant product development without advance notice.

* The list of fitting servomotor, please refer to page 43.

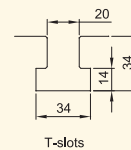
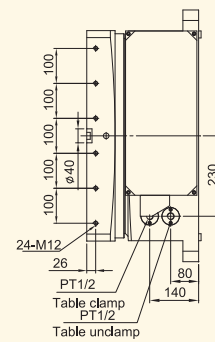
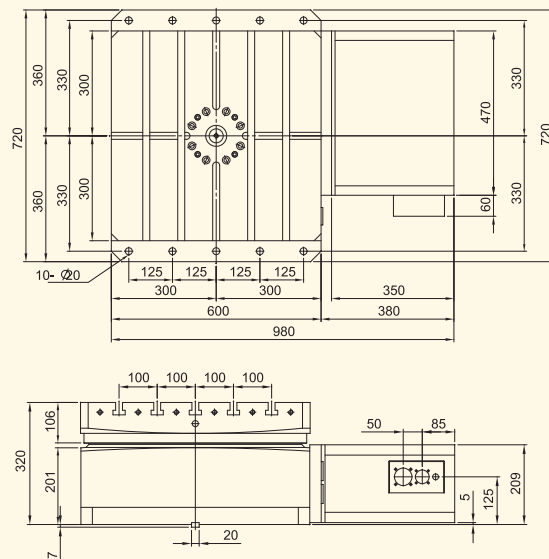
Guaranteed inspection accuracy

NO	Inspection Items		HC-450H	HC-600H	HC-800H
1	Concentricity of center hole		0.01	0.01	0.01
2	Table run out	mm	0.01	0.015	0.015
3	Table straightness	mm	0.015	0.02	0.02
4	Parallelism between plate and base	mm	0.015	0.02	0.02
5	Square of side reference plane	mm	0.015	0.02	0.02
6	T-Slot tolerance	mm	0.015	0.02	0.02

HC-450H



HC-600H



HC-800H

