



MBT

Heavy duty Manual Indexing Table with Pneumatic clamping (Lifting type)

Built-in 2 pieces Hirth coupling for positioning and clamping

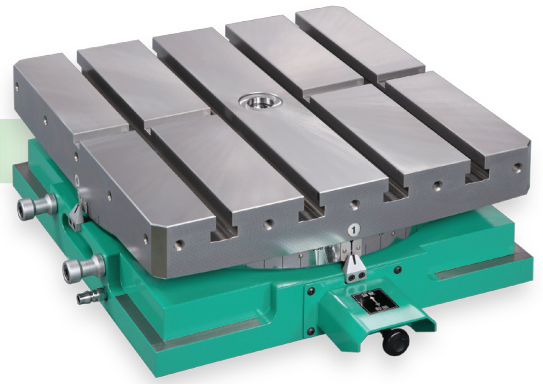
Each every 1 or 5 degrees indexing (72D or 360D)

Lifting type: Pneumatic clamping system,

Pressure=5~8kgf/cm²

Rotation by hand (manual type)

Horizontal position used, table top special made available



Model		MBT-450		MBT-600		MBT-800		MBT-1000		MBT- 1200	
Table Plate size (LxW) (mm)		450 x 450		600 x 600		800 x 800		1000 x 1000		1200 x 1200	
Table Center Hole Diameter (mm)		ø30 ^{H7}		ø40 ^{H7}		ø60 ^{H7}		ø60 ^{H7}		ø80 ^{H7}	
Table overall Height (mm)		170		200		280		300		340	
Table T-Slot Width (mm)		18 ^{H7}		20 ^{H7}		22 ^{H7}		22 ^{H7}		22 ^{H7}	
Driving of Vertical direction (Clamp/unclamp)		Pneumatic 5~8 kgf / cm ²									
Driving of Rotation		Manual,CW/CCW by hand									
Table max. Division (division)		72	360	72	360	72	360	72	360	72	360
Minimum index (degree)		5°	1°	5°	1°	5°	1°	5°	1°	5°	1°
Indexing accuracy (accumulative) (sec)		± 2"		± 2"		± 2"		± 2"		± 2"	
Repetitive accuracy (sec)		± 1"		± 1"		± 1"		± 1"		± 1"	
Clamping force (kg)		2200		3200		5400		6000		8100	
Theoretical vertical loading (kg)		2400		3400		4500		6000		7000	
Load Capacity	Horizontal 	(kg)		1000		2000		3000		5000	
Weight	Net	(kg)		200		400		1100		1350	
				2400							

◎ Standard accessories

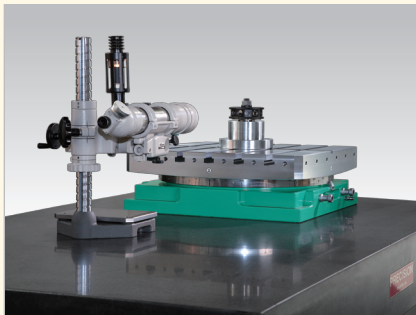
Block nuts	Air purge
◎	◎

* Optional accessories

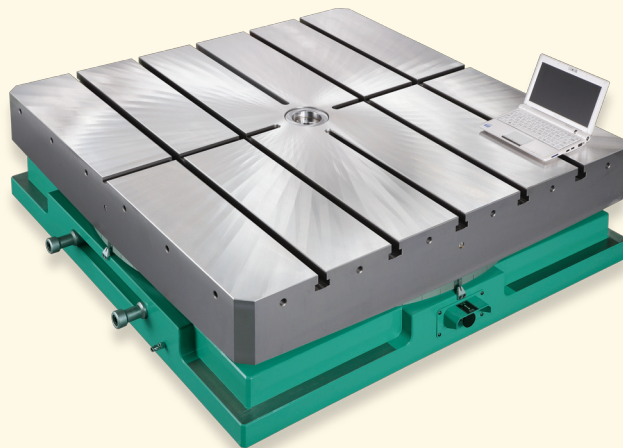
Special top plate	Different of standard T-slot	Other
*	*	*

Guaranteed inspection accuracy

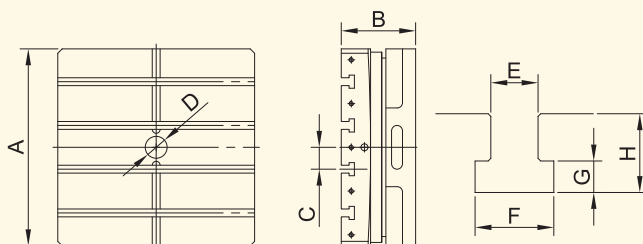
NO	Inspection items		MBT-450	MBT-600	MBT-800	MBT-1000	MBT-1200
1	Concentricity of the center	mm	0.01	0.01	0.01	0.01	0.01
2	Plate run out	mm	0.01	0.015	0.015	0.02	0.02
3	Plate straightness	mm	0.015	0.02	0.02	0.03	0.03
4	Parallelism between plate and base	mm	0.015	0.02	0.02	0.03	0.03
5	Square of side reference plane	mm	0.015	0.02	0.02	0.03	0.03
6	T-Slot tolerance	mm	0.015	0.02	0.02	0.03	0.03



● Optical Auto-Collimator



Dimension



Model	MBT -450	MBT -600	MBT -800	MBT -1000	MBT -1200
A	450	600	800	1000	1200
B	170	200	280	300	340
C	100	100	100	150	200
D^{H7}	30	40	60	60	80
E^{H7}	18	20	22	22	22
F	28	35	38	38	38
G	12	14	15	15	15
H	30	34	38	38	38

± 2 Sec Accuracy

