



CT

Non- lifting Horizontal Hydraulic coupling Gear Index Table

Hydraulic rack and opinion driver with adjustable cushions
 Built-in 3 pieces Hirth coupling for positioning and clamping
 Standard index number is 4,6,8,12,24 (one of them)
 Index number : 2,3,5,9 by special order
 Hydraulic clamping system, hydraulic Pressure=35kg/cm²
 Horizontal position used, table top special made available



Model		CT-200	CT-340	CT-470	CT-600	CT-800	
Table Diameter	(mm)	ø200	ø340	ø470	ø600	ø800	
Table Center Hole Diameter	(mm)	ø30 ^{H6}	ø65 ^{H6}	ø90 ^{H6}	ø110 ^{H6}	ø120 ^{H6}	
Table Center Hole depth	(mm)	30	11	11	11	40	
Table Center Through Hole Diameter	(mm)	ø27	ø30.5	ø41	ø53	ø80	
Table Overall Height	(mm)	175	210	240	260	305	
Hydraulic Pressure	(kg/cm ²)	35 by Hyd.	35 by Hyd.	35 by Hyd.	35 by Hyd.	35 by Hyd.	
Index number (standard)	(division)	4, 6, 8, 12, 24 (one of them)					
Index number (available)	(division)	* 2, 3, 5, 9 ... available by special order					
Rotation direction		CW & CCW					
Indexing accuracy (accumulative)	(sec)	± 4"	± 4"	± 4"	± 4"	± 4"	
Repetitive accuracy	(sec)	± 1"	± 1"	± 1"	± 1"	± 1"	
Rotation torque	(kg-m)	25	57	86	144	280	
Permissible instant inertia WR ²	(kg-m ²)	7	21.25	45	125	300	
Indexing time of 90 degrees *		(s)	1.7	2.3	3.4	5.4	9.6
Clamping Torque	F  (kgf) (N)	1260 12340	1560 15200	3970 38500	6448 63000	9600 94000	
	F x L  (kg-m) (N-m)	108 1060	332 3250	1428 13990	1980 19400	4000 39200	
	F x H  (kg-m) (N-m)	55 541	145 1423	550 5390	840 8232	1950 19110	
Load Capacity	0°  (kg)	120	500	700	1250	2400	
Weight	Net (kg)	50	115	270	480	900	

* The outlook dimension of 2 and 3 divisions will be different.

* Indexing time 90 degrees (Unclamp, rotate, clamp) value base on 35kg/cm², 2 HP, 30L/min regular hydraulic condition.

◎ Standard accessories

Hangers
◎

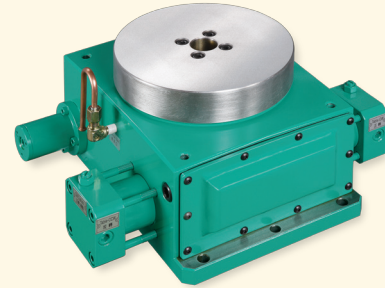
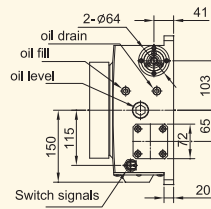
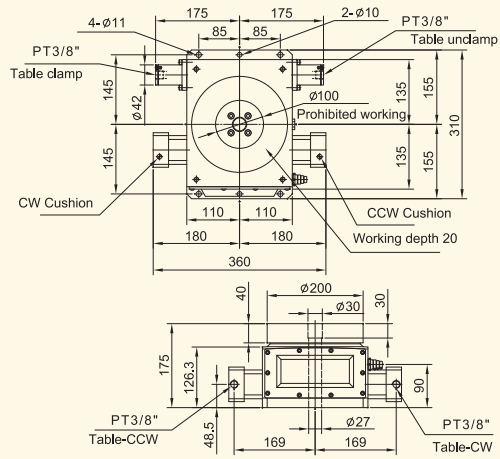
* Optional accessories

Rotary Joint	Hydraulic unit	Oil Pipe	Special top plate
*	*(p.46)	*	*

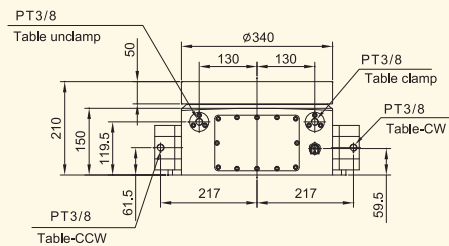
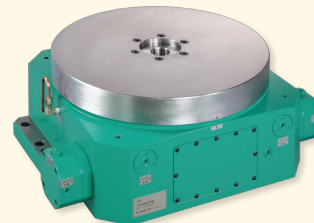
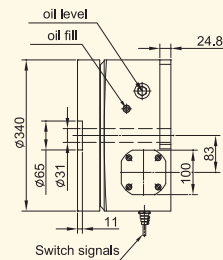
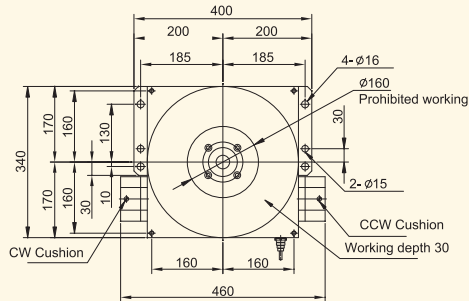
Guaranteed inspection accuracy

NO	Inspection items		CT-200	CT-340	CT-470	CT-600	CT-800
1	Concentricity center hole	mm	0.02	0.02	0.02	0.02	0.02
2	Table run out	mm	0.02	0.02	0.02	0.02	0.02
3	Table straightness	mm	0.02	0.02	0.02	0.02	0.02
4	Parallelism between plate and base	mm	0.02	0.02	0.02	0.03	0.03

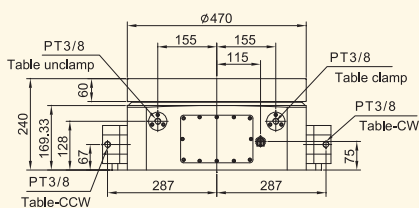
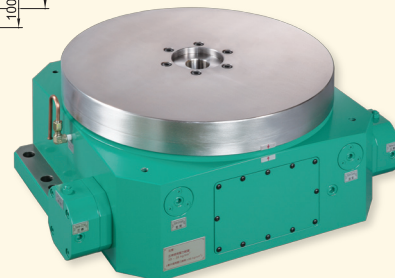
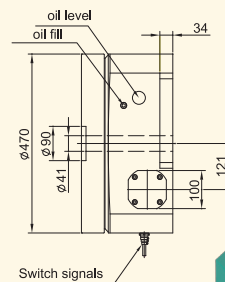
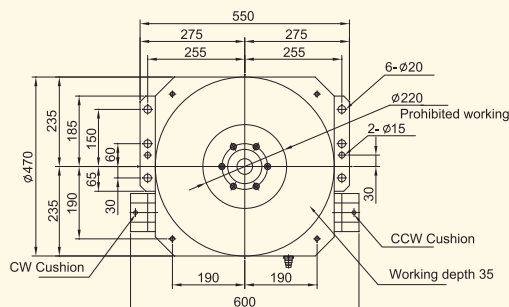
CT-200

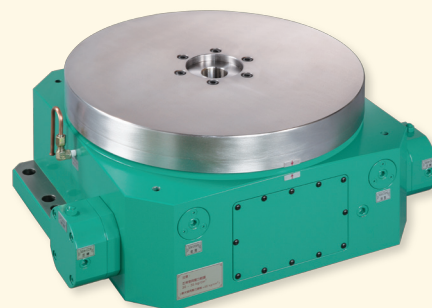
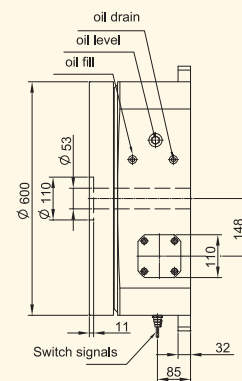


CT-340



CT-470

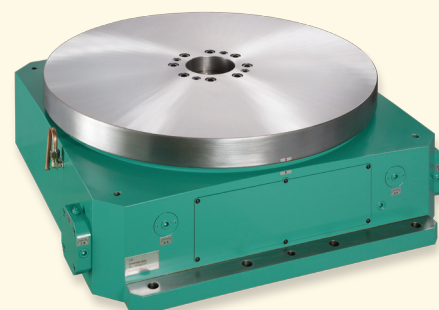
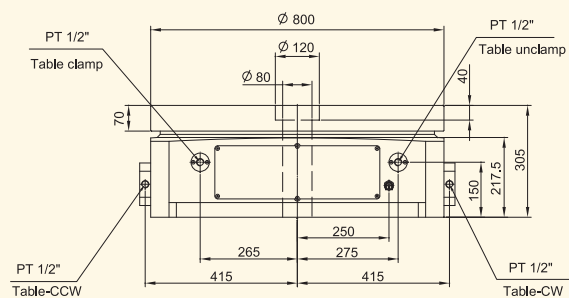
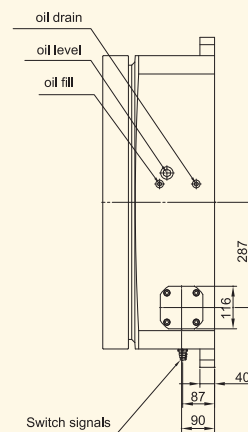


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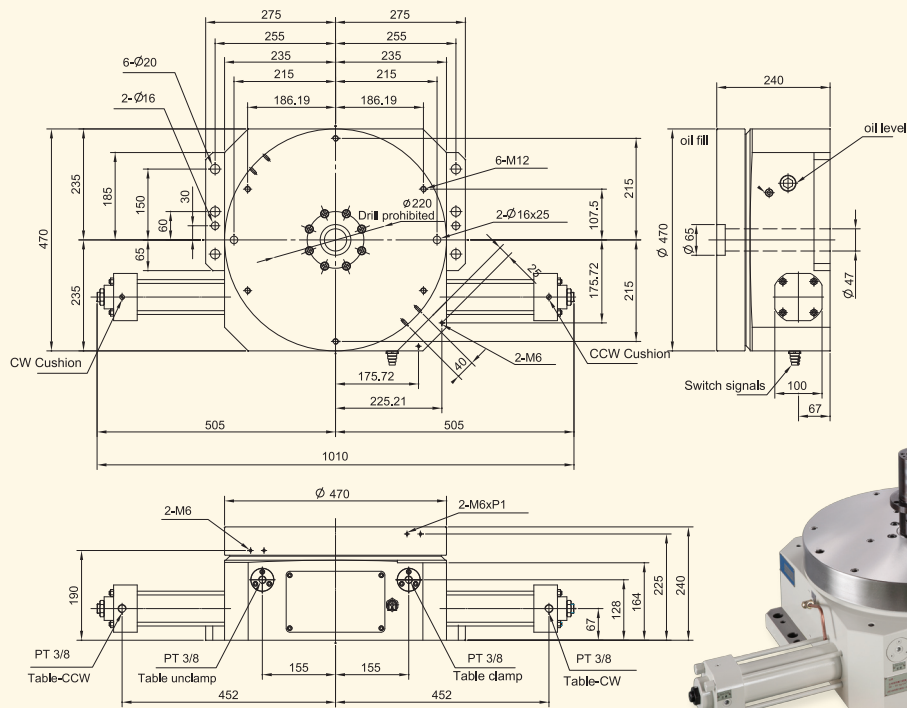
Technical drawing of a circular machine component, likely a motor or generator, showing dimensions and labels.

Dimensions:

- Overall width: 860
- Overall height: 900
- Inner diameter: $\phi 220$
- Outer diameter: $\phi 400$
- Working depth: 45
- CCW Cushion: 800
- 8- $\phi 20$ (8 holes of diameter 20)
- 2- $\phi 15$ (2 holes of diameter 15)
- Prohibited working area (indicated by a diagonal line)
- 30 (dimension for a small circular feature)
- 350 (dimension for the outer ring)
- 425 (dimension for the inner ring)
- 700 (dimension for the inner ring)
- 800 (dimension for the inner ring)
- 880 (dimension for the inner ring)
- 100 (dimension for the inner ring)
- 150 (dimension for the inner ring)
- 300 (dimension for the inner ring)
- 350 (dimension for the inner ring)



CT-470A



CT-600A

