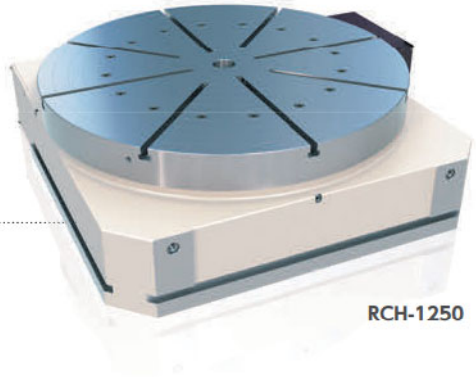
For horizontal setting

RCH RCH-800•1000•1250

RNC RNC-1501•2001

Horizontal large-capacity model with high rigidity is good for machining heavy workpieces with large size double column and 5-face M/C.



RCH-1250

Specifications

Unit: mm

	RCH-800	RCH-1000	RCH-1250	RNC-1501	RNC-2001
Table diameter ( ):option	φ800(φ1,000)	φ1,000(φ1,200)	φ1,250(φ1,500)	φ1,500	φ2,000
Table height	320	330	410	400	620
Center bore / Nose diameter	φ75H7×30	φ75H7×30	φ75H7×30	φ75H7	φ225H7
Table T-slot width	18H7	22H7	22H7	28H7	28H7
Guide block width	22h7	22h7	22h7	—	—
Servo motors (for FANUC)	αiF12	αiF22	αiF22	αiF22	αiF30
Inertia converted into motor shaft ×10^{-3}kg·m^2	4.72	8.24	5.04	5.6	17.2
Net weight kg	1,150	1,700	3,100	3,600	8,000
Speed reduction ratio	1/360	1/360	1/720	1/720	1/720
Table max. rpm min^{-1} (Motor rpm: 2,000min^{-1})	5.5	5.5	2.7	2.7	2.7
Indexing accuracy (the sum) sec	15	15	15	15	15
Clamp system	Hydraulic or air-hydraulic (Option)	Hydraulic or air-hydraulic (Option)	Hydraulic or air-hydraulic (Option)	Hydraulic or air-hydraulic (Option)	Hydraulic or air-hydraulic (Option)
Clamp torque /Hydraulic pressure 3.5Mpa N·m	16,000	20,000	33,000	9,800	19,600
Strength of worm gears N·m	7,840	13,230	25,000	21,560	49,000
Allowable work weight — Horizontal setting kg	4,000	7,000	14,000	8,000	10,000
Allowable load (when table is clamped) — F N	100,000	185,000	383,000	49,000	58,800
Allowable load (when table is clamped) — F×L N·m	16,000	20,000	33,000	9,800	19,600
Allowable load (when table is clamped) — F×L N·m	11,600	22,900	56,700	24,500	34,300
Allowable work inertia $J=\frac{W\cdot D^2}{8}$ kg·m^2	320	874	2,734	2,255	4,900

CE correspondence model (excluding RNC)

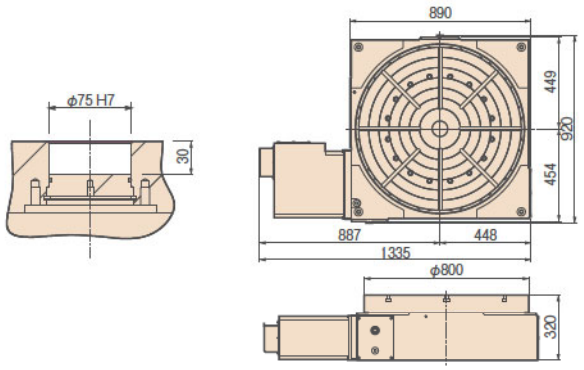
Tech.Info. Servo motors of other manufacturers P.68

Option High-precision Spec. P.64 Air-hydraulic Booster P.67

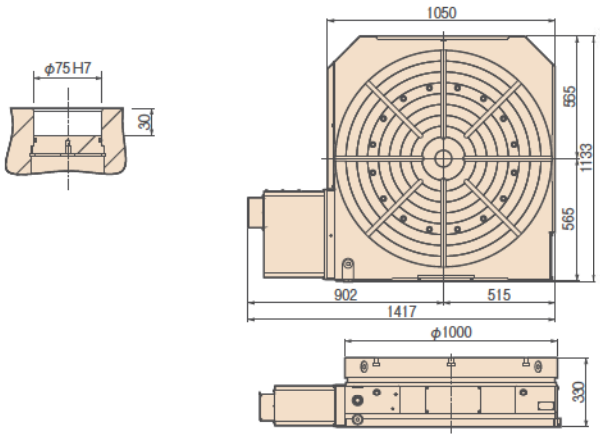
Dimensions

Unit: mm

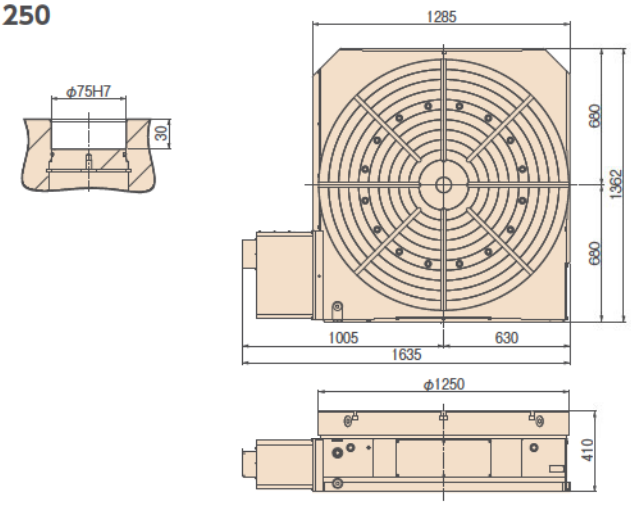
RCH-800



RCH-1000



RCH-1250



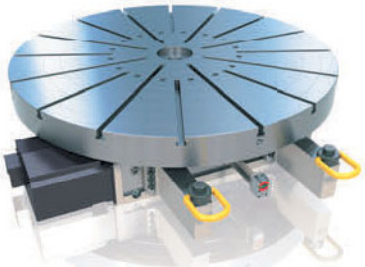
Note: The above dimensions are for FANUC servo motors. The dimensions of servo motors of other manufacturers may be larger.

RNC-2001

Large NC rotary table with a diameter of 2,000mm. Used for the position detecting device for controlling the posture of artificial satellites and other devices.
Indexing accuracy: ±3 sec
Minimal angular indication: 0.5 sec

RTH-911

Large NC rotary table with a faceplate diameter of 2,000 mm



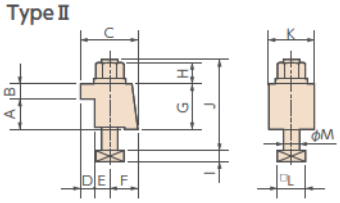
Clamping block and bolt

Unit: mm

	Type	Q'ty	T-slot pitch	T-slot width	A	B	C	D	E	F	G	H	I	J	K	L	M
RCH-800	Ⅱ	4	80 to 400	22	40	20	85	24	20	41	60	27	13	115	80	32	20
RCH-1000	Ⅱ	4 to 8	80 to 320	22	40	20	85	24	20	41	60	27	13	115	80	32	20
RCH-1250	Ⅱ	4 to 8	80 to 450	22	50	20	74	20	18	36	70	27	13	130	70	32	20
RNC-1501	Ⅳ	4 to 8	80 to 255	28	50	20	74	20	18	36	77	15	17.5	120	70	41.3	24

Note: When using a machine with a T-slot pitch other than the above, use suitable clamping blocks and bolts that are available on the market, or order custom-made ones from TSUDAKOMA. (Option)

Type Ⅱ



Type Ⅳ