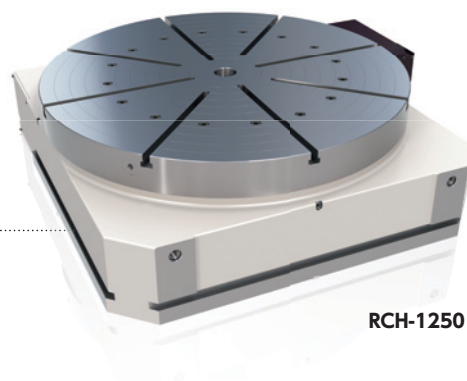


For horizontal setting

RCH RCH-800•1000•1250

RNC RNC-1501•2001

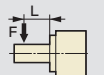


RCH-1250

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

Specifications

Unit: mm

		RCH-800	RCH-1000	RCH-1250	RNC-1501	RNC-2001	
Table diameter () :option		φ 800 (φ 1,000)	φ 1,000 (φ 1,200)	φ 1,250 (φ 1,500)	φ 1,500	φ 2,000	
Table height		320	330	410	400	620	
Center bore	Nose diameter	φ 75H7×30	φ 75H7×30	φ 75H7×30	φ 75H7	φ 225H7	
Table T-slot width		18H7	22H7	22H7	28H7	28H7	
Guide block width		22h7	22h7	22h7	—	—	
Servo motors (for FANUC)		α iF12	α iF22	α iF22	α iF22	α iF30	
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
	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
	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)

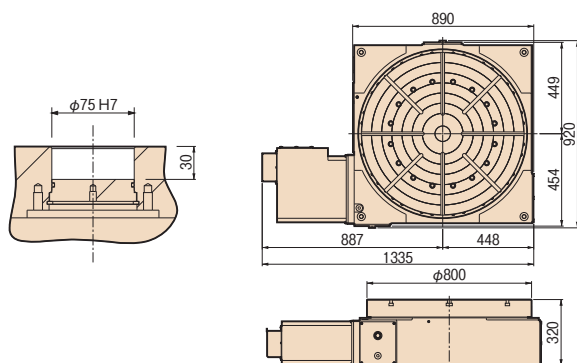
Tech.Info. Servo motors of other manufacturers P.68

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

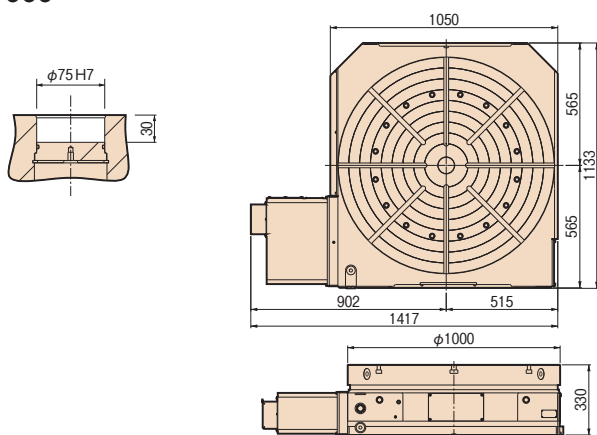
Dimensions

Unit: mm

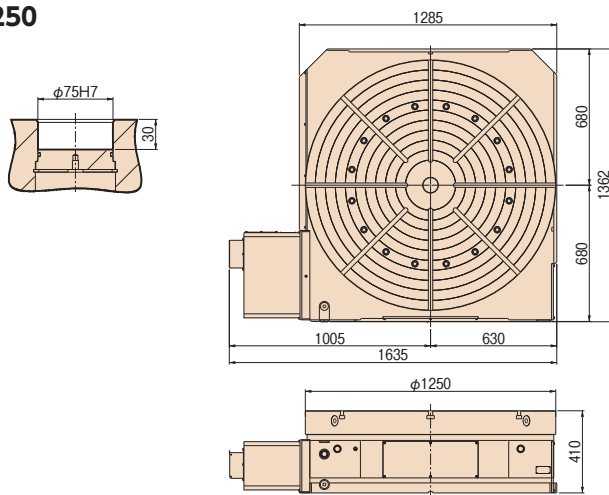
RCH-800



RCH-1000



RCH-1250



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

Clamping block and bolt

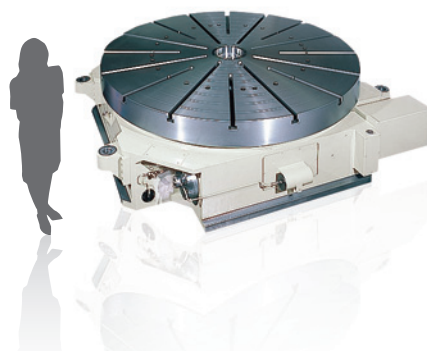
Unit: mm

	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)

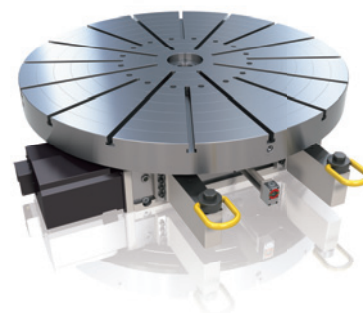
RNC-2001

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



RBS

RBH

Multi-Spindle
RBM

TBS

RWE/RWA
RN

RWH

RWA-B
RNCV-B

RWB

RWB-K
RNCK

RCB

RCH
RNC

RCV

Multi-Spindle
RWM

TWA/TN

TWB
TTNC

Multi-Spindle
TWM

RDS

RTV
RTT

TDS
TDB

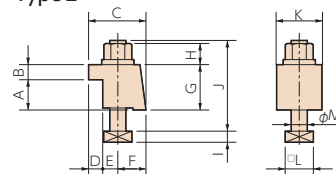
NC Controllers

Accessories

Options

Technical
Information

Type II



Type IV

