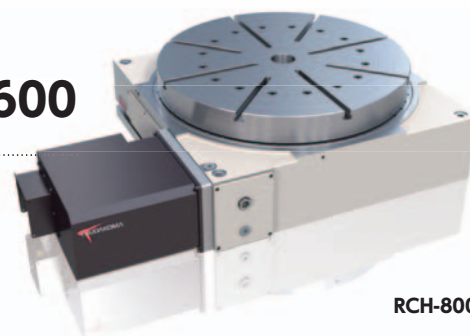


For horizontal setting

RCH RCH-800•1000•1250•1600

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



RCH-800

Specifications

Unit: mm

		RCH-800	RCH-1000	RCH-1250	RCH-1600
Table diameter () :option		φ 800 (φ 1,000)	φ 1,000 (φ 1,200)	φ 1,250 (φ 1,500)	φ 1,600 (φ 2,000/φ 2,500)
Table height		320	330	410	550 (590/590)
Center bore	Nose diameter	φ 75H7×30	φ 75H7×30	φ 75H7×30	φ 75H7
Table T-slot width		18H7	22H7	22H7	28H7
Guide block width		22h7	22h7	22h7	—
Servo motors (for FANUC)		α iF12	α iF22	α iF22	α iF22
Inertia converted into motor shaft	×10 ⁻³ kg·m ²	4.72	8.24	5.04	6.01
Net weight	kg	1,150	1,700	3,100	5,200 (6,900/8,900)
Speed reduction ratio		1/360	1/360	1/720	1/720
Table max. rpm (Motor rpm: 2,000min ⁻¹)		5.5	5.5	2.7	2.7
Indexing accuracy(the sum) arcsec		15	15	15	15
Clamp system		Hydraulic or air-hydraulic (Option)	Hydraulic or air-hydraulic (Option)	Hydraulic or air-hydraulic (Option)	Hydraulic
Clamp torque ／Hydraulic pressure 3.5Mpa N·m		16,000	20,000	33,000	41,000
Allowable work weight	Horizontal setting  kg	4,000	7,000	14,000	30,000
	F  N	100,000	185,000	383,000	754,000
Allowable load (when table is clamped)	F×L  N·m	16,000	20,000	33,000	41,000
	F×L  N·m	11,600	22,900	56,700	153,000
Allowable work inertia	$J=\frac{W \cdot D^2}{8}$  kg·m ²	320	874	2,734	9,600

CE correspondence model

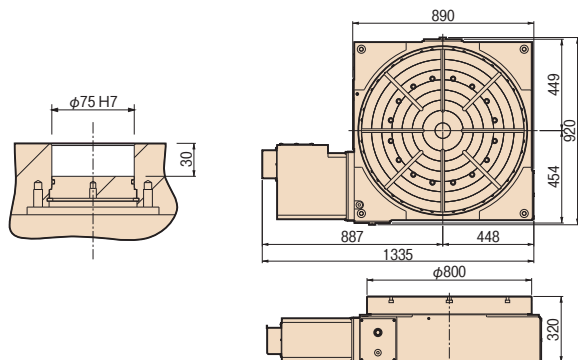
Tech.Info. Servo motors of other manufacturers **P.70**

Option High-precision Spec. **P.66** Air-hydraulic Booster **P.69**

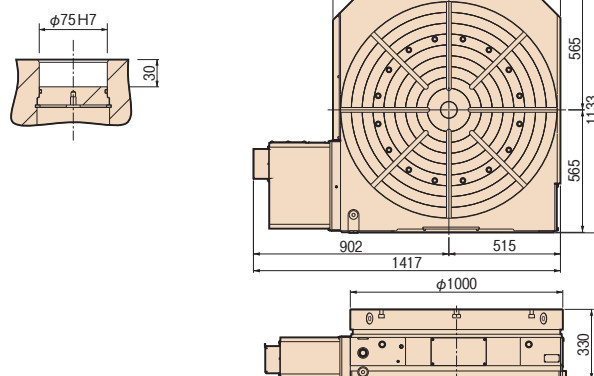
Dimensions

Unit: mm

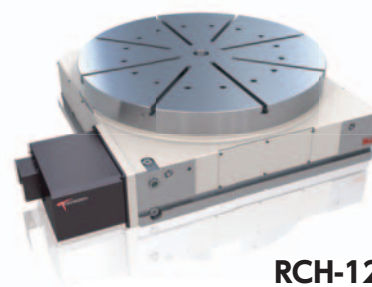
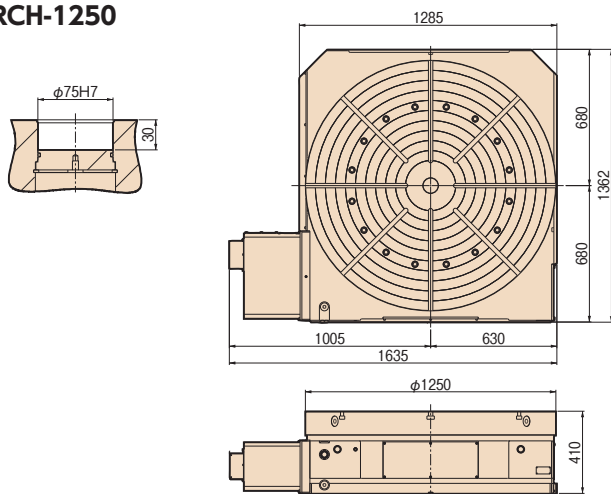
RCH-800



RCH-1000

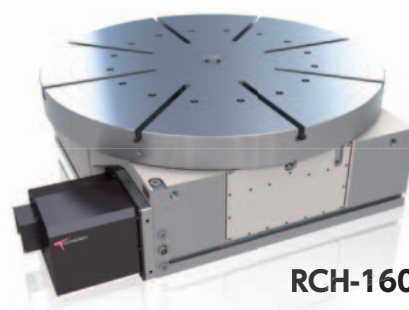
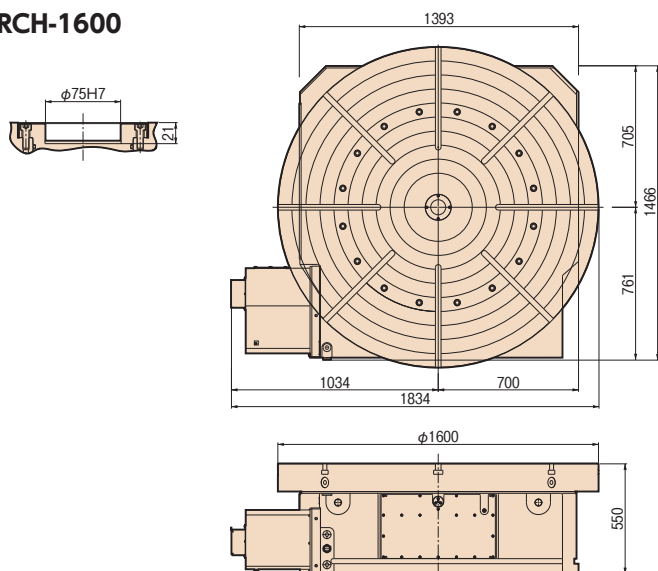


RCH-1250



RCH-1250

RCH-1600



RCH-1600

RCH-1600
φ2,000mm face plate specification
(option)

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

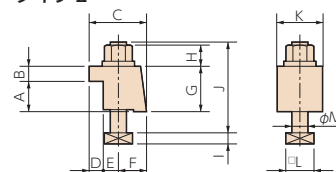
Clamping block and bolt

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
RCH-1600	II	4 to 8	80 to 450	22	50	20	74	20	18	36	70	27	13	130	70	32	20

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)

タイプ II



RBS

RBH

RBM

TBS

RWE/RWA
RN

RWH

RWA-B

RWB

RWB-K

RCB

RCH

RCV

Multi-Spindle
RWM

TWA/TN

TWS

TWB

Multi-Spindle
TWM

RDS

TDS

TDB

NC Controllers

Accessories

Options

Technical
Information