

CNC ROTARY TABLE

TR-S

Y-axis Shortened Type

- ◆ The length of Y-axis has been shortened by 23%.
- ◆ The 5th axis can be operated synchronously with M/C.
- ◆ Standard tilting angle -15° ~115°
- ◆ High accuracy and worm wheel provides long term duration.
- ◆ High rigidity and allows heavy loads.
- ◆ Can be operated by 4th axis and 5th axis controller.



Model No. : **TR-202S**

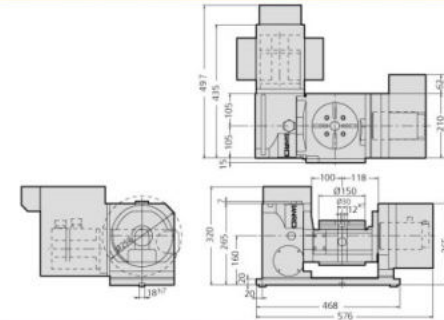
CNC Tilting Rotary Table |
Table Dia. |
Y-axis Shortened |

Item/Model No.		TR-122S	TR-202S	TR-252S	TR-322S
Diameter of Table	mm/inch	φ 150/5.91	φ 200/7.87	φ 250/9.84	φ 320/12.60
Diameter of Thru-hole	mm/inch	φ 30/1.18	φ 35/1.38	φ 70/2.76	φ 110/4.33
Center Height in Vertical	mm/inch	160/6.30	210/8.27	215/8.46	290/11.42
Overall Height in Vertical	mm/inch	320/12.60	377/14.84	382/15.04	507/19.96
Width of T Slot	mm	12 ^{H7}	12 ^{H7}	12 ^{H7}	14 ^{H7}
Width of Guide Block	mm	18 ^{H7}	18 ^{H7}	18 ^{H7}	18 ^{H7}
Axis		Rotating Axis; Tilting Axis	Rotating Axis; Tilting Axis	Rotating Axis; Tilting Axis	Rotating Axis; Tilting Axis
Clamping Torque (Hydraulic : 20kg/cm ²)	kgf · m	24 α 2i	50 α 4i	85 α 8i	130 α 8i
Servo Motor Type	FANUC	HF-75	HF-103	HF-153	HF-203
	MITSUBISHI	HF-75	HF-103	HF-153	HF-203
	SIEMENS	1FK7042	1FK7060	1FK7063	1FK7083
	HEIDENHAIN	QSY96A	QSY116C	QSY116J	QSY155B
Total Reduction Ratio		1:60	1:90	1:180	1:180
MIN. Increment	deg.	0.001°	0.001°	0.001°	0.001°
MAX. Rotation Speed (Motor 2000 RPM)	RPM	33.3	22.2	11.1	11.1
Indexing Accuracy	sec.	60"	25"	50"	30"
Repeatability	Unidirectional	8"	8"	4"	4"
Accuracy	Bidirectional	16"	16"	8"	8"
Tilting Degree	deg.	-15° ~115°	-15° ~115°	-15° ~115°	-15° ~115°
MAX. Work Load	Horizontal	kg	60	100	130
	Vertical	kg	30	50	75
F	kgf	200	500	1000	1500
MAX. Thrust Load	FxL	kgf · m	10	16.5	27
	FyL	kgf · m	5	15	25
Driving Torque	kgf · m	4	17	22	26
N.W.	kg	120	260	450	900

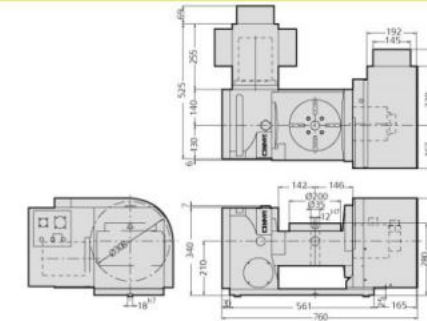
◆ GANRO has right to revise the above specifications. We also can revise the specifications for customers' special requirement.

- ◆ 1. Up, backside and left cable outlet is available 2. Standard accessories: eye bolts, fixture blocks 3. Suitable tailstocks refer to p.52 4. Suitable controllers refer to p.56

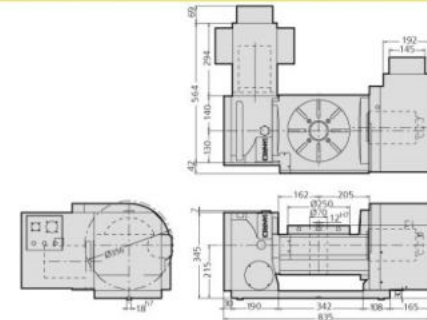
TR-122S



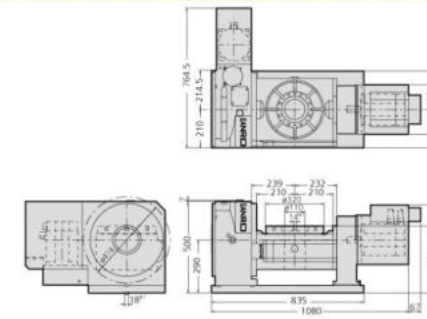
TR-202S



TR-252S



TR-322S



★ The size of motor metal sheet will change in accordance with real use of brand and model.