

MTR2-174

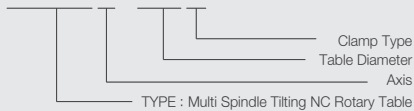
Controller type for Multi Spindle Tilting NC Rotary Table

- Multi Spindle Tilting Series
- High Precision, High Speed Systems
- Convenient JIG Design
- Extremely Rigid Body
- High Clamping power (Hydraulic)

MTR-SERIES



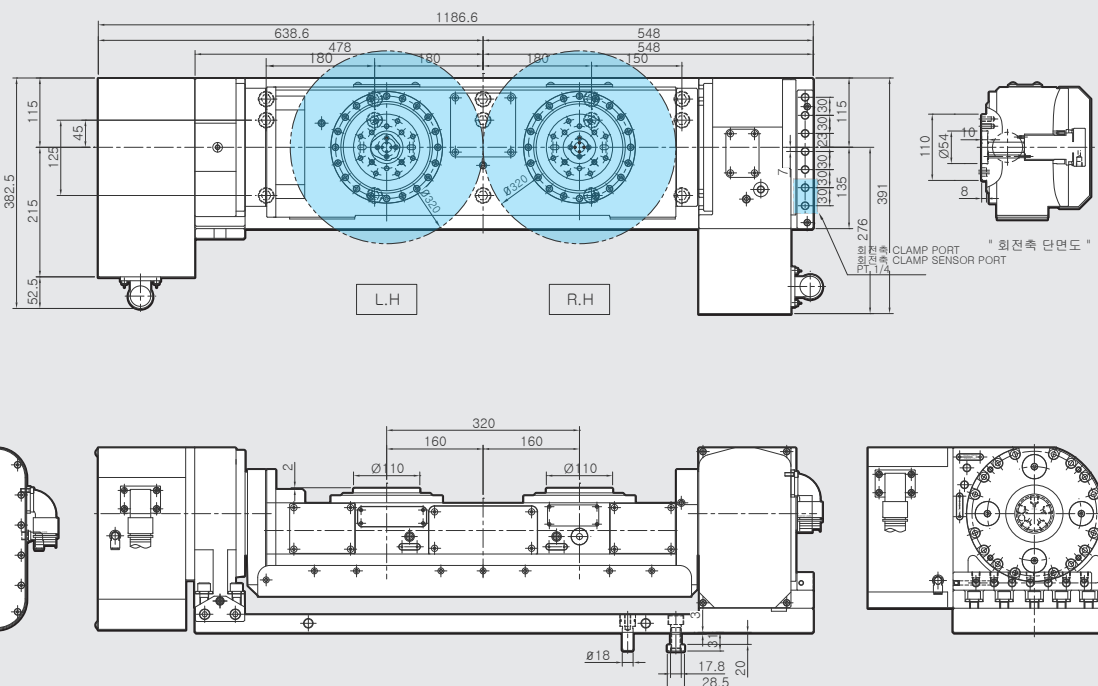
Model No. **MTR2-174**



Spindle Dia. [mm]	Center Height [mm]	Resister Dia. on Face Plate [mm]	Distance of Center [mm]	Clamp Method	Allowable Work Inertia [kgm ²]	Net Weight [kg]
Ø110	240	Ø54 (110)	Ø320	Hydraulic Max. 35bar	-	295
	Max. Spindle Speed [mm ⁻¹]	Gear Ratio [mm]	Repeatability Accuracy [sec]	Indexing Accuracy [sec]	Clamp Togue [N·m]	Servo Motor [FANUC]
Rotating Axis	25	1/120	4	40	600	SGMPS-15A2A6S
Tilting Axis	25	1/120	4	60	900	SGMPS-15A2A6S
Allowable Load					Allowable Cutting Torque [N·m]	Moment Of Tilting Weight W x L [kgf·m]
Horizontal [kg]	Vertical [kg]	F [kN]	F x L [N·m]	F x L [N·m]		
 40, 40	 40, 40	 -	 -	 -	 -	 -

Tilting Range : -20° ~ +120°

MTR2-174

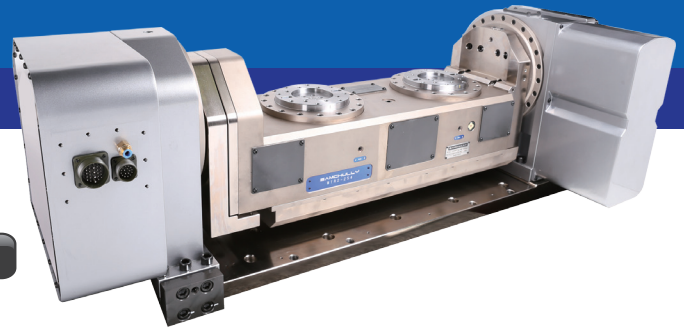


MTR2-204F

5th Axis for Multi Spindle Tilting NC Rotary Table

- Multi Spindle Tilting Series
- High Precision, High Speed Systems
- Convenient JIG Design
- Extremely Rigid Body
- High Clamping power (Hydraulic)

MTR-SERIES



Model No. **MTR2-204F**

Motor Maker
Clamp Type
Table Diameter
Axis
TYPE : Multi Spindle Tilting NC Rotary Table

* Servo Motor Brand

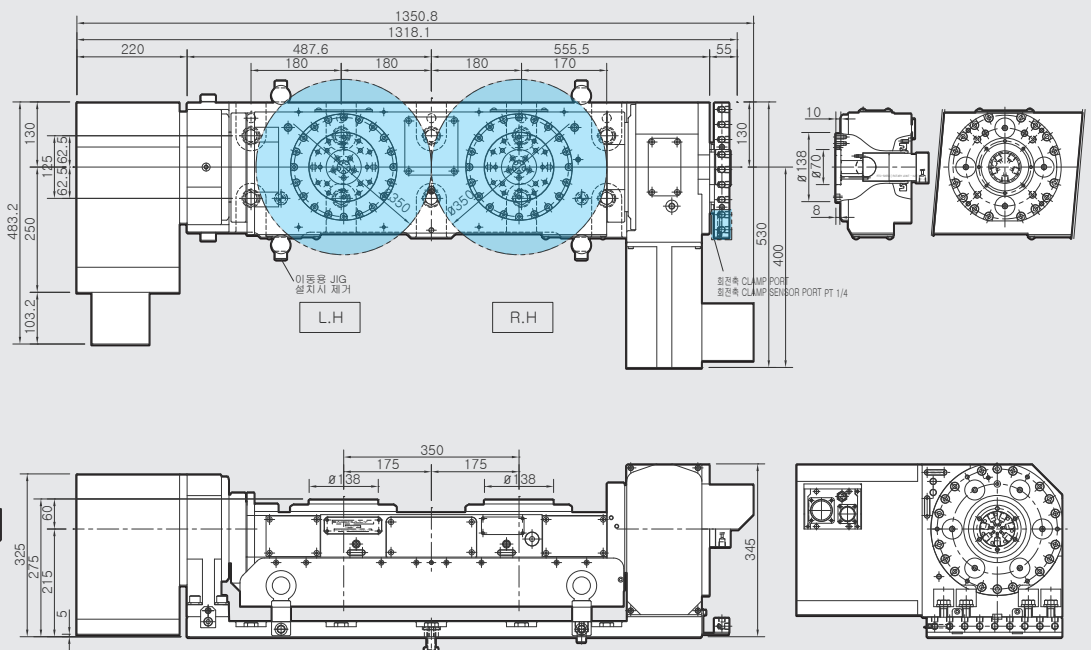
AC Servo Motor is ABSOLUTE Type

F : FANUC
S : SIEMENS
M : MITSUBISHI
P : PANASONIC
Y : YASKAWA
H : HEIDENHAIN
L : LS MECAPION
SY : SANYO
FA : FAGOR
O : OKUMA

Spindle Dia. [mm]	Center Height [mm]	Resister Dia. on Face Plate [mm]	Distance of Center [mm]	Clamp Method	Allowable Work Inertia [kgm ²]	Net Weight [kg]
Ø138	275	Ø70 (138)	Ø350	Hydraulic Max. -bar	-	360
	Max. Spindle Speed [mm ⁻¹]	Gear Ratio [mm]	Repeatability Accuracy [sec]	Indexing Accuracy [sec]	Clamp Togue [N·m]	Servo Motor [FANUC]
Rotating Axis	25	1/120	4	40	800	ciF4 / 4000
Tilting Axis	25	1/120	4	60	1400	ciF8 / 3000
Allowable Load					Allowable Cutting Torque [N·m]	Moment Of Tilting Weight W x L [kgf·m]
Horizontal [kg]	Vertical [kg]	F [kN]	F x L [N·m]	F x L [N·m]	[N·m]	
 50, 50	 50, 50	 -	 -	 -	 -	 -

MTR2-204F

Tilting Range : -20° ~ +120°



5th Axis for Multi Spindle Tilting NC Rotary Table

- # MTR-SERIES



- Motor Maker
 - Clamp Type
 Table Diameter
 _____ Axis
 NC Rotary Table

F : FANUC
S : SIEMENS
M : MITSUBISHI
P : PANASONIC
Y : YASKAWA
H : HEIDENHAIN
L : LS MECAPION
SY : SANYO
FA : FAGOR
O : OKUMA

Spindle Dia.	Center Height	Resister Dia.on Face Plate	Distance of Center	Clamp Method	Allowable Work Inertia	Net Weight
[mm]	[mm]	[mm]	[mm]		[kgm ²]	[kg]
Ø178	340	Ø100 (178)	Ø400	Hydraulic Max. 35bar	0.78	890
	Max. Spindle Speed	Gear Ratio	Repeatability Accuracy	Indexing Accuracy	Clamp Togue	Servo Motor
	[mm ⁻¹]	[mm]	[sec]	[sec]	[N·m]	[FANUC]
Rotating Axis	33.3	1/120	4	40	900	aiF4 / 4000
Tilting Axis	25	1/120	4	60	1200	aiF8 / 3000
Allowable Load					Allowable Cutting Torque	Moment Of Tilting Weight
Horizontal [kg]	Vertical [kg]	F [kN]	F x L [N·m]	F x L[N·m]	[N·m]	W x L [kgf·m]
						
120, 120	60, 60	12	1200	900	800	26

Tilting Range : -20° ~ +120°

MTR2-254

