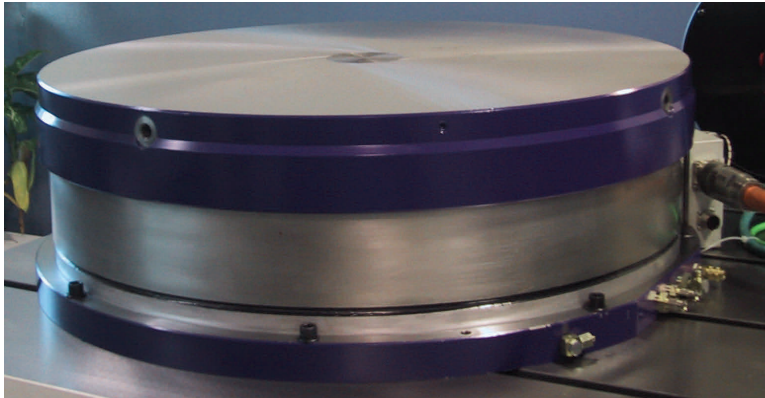


2/DMT08-Series: NC Rotary Tables



A Precision Range offering great versatility



Made In The USA

The Rusach Advantages

Application

For use as a positioning table with tabletop prepared as support for a pallet receiver or any kind of fixture. Other executions are possible such as a tabletop of 1200 mm in size. Two versions are available. The first is a high precise table with a maximum speed of 65 rpm, used in machine centers for positioning mode where the highest accuracy is required. The second, a table with a maximum speed up to 500 rpm used for positioning and for turning operations. For the higher speed, a cooling system for the bearing is needed.

Bearing

All sizes are equipped with pre-loaded axial-radial roller bearings, with a high-loading capacity in both horizontal and vertical planes. This ensures sensitivity for the fine adjustment of the table platen.

Clamping

Distortion free active disk clamping actuated by hydraulic pressure.

Measuring Systems

RENISHAW RESR ring encoder with $1V_{PP}$ output signal is typical. The encoder matches the requirement of SIEMENS and FANUC control.

Motors

Torque motor designed for the special requirement of the application

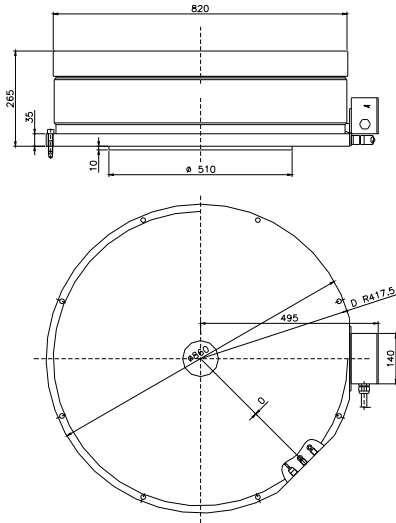
Construction

The modular construction provides the widest possible freedom for application variations.



Every Challenge Has A Solution

2/DMT08-Series: NC Rotary Tables



Available Options

- Hand scraped table top surface
- Customized table top
- Workpiece clamping system
- Prepared for pallet system
- Alternative measuring systems
- Air inlet for internal pressurization
- Various motors drives
- Prepared for linear axis (saddle)
- Hydraulic unit for the clamping system
- Other paint surface finishes
- NC systems to suit your application

Technical Data		Unit	DMT 08	DMT 08 HS
Type Designation			08	08
Table Platen Size		mm	820	820
Other executions		inch	32.3	32.3
			Pallet Receiver	Pallet Receiver
T-slots	Size	mm	18	18
	Number		5	5
	W	mm inch	820 32.3	820 32.3
	H	mm inch	260 10.2	260 10.2
Centre bore Ø H7	d	mm inch	40 1.57	40 1.57
Dead weight		kg	900	900
		lb	1,980	1,980
Permitted Load		kg	2,500	1,500
		lb	5,500	3,300
Nominal torque rotary axis		Nm	3,000	2,000
		ft lbs	2,215.2	1,476.8
Peak torque rotary axis		Nm	6,000	4,000
		ft lbs	4,430	2,954
Clamping torque (Rotary)		Nm	10,000	10,000
		ft lbs	7,384	7,384
Max. speed		rpm	65	Up to 500
Parallelism		mm	0.01	0.015
		inch	0.0004	0.0006
Faceplate wobble		mm	0.01	0.015
		inch	0.0004	0.0006
Runout of center Bore		mm	0.01	0.015
		inch	0.0004	0.0006

Standard Resolution

.0001 degree (others on request)

Standard Accuracy

+/-15 arc seconds to +/-3 arc seconds.
(Higher on request).

Painted Surface Finish

RAL-color range in textured surface finish

For other specifications please contact our Technical department.
(The rights for technical modifications are reserved)

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Every Challenge Has A Solution