



NEW

PRODUCT LINE TMF

TMF 300 • TMF 500 • TMF 800 • TMF 1000 • TMF 2000
TMF 3000 • TMF 4000 • TMF 5000 • TMF 8000

ROTARY INDEX TABLE TMF

Taktomat's new rotary table TMF combines the advantages of the RT series rotary table with free programmability. The TMF series is suitable for small gear as well as for the heavy duty sector. Currently nine different sizes are available.

Application area

The rotary table TMF is available with a load diameter of 300mm to 15m. Therefore it is suitable for use in assembly technology, welding technology, printing, food industry, medical technology and microelectronics. Application in clean rooms as well as in outskirt areas is no problem.

Customized products

- choice of drive manufacturer
- all drive positions
- painting according to customer wishes without surcharge
- tooling plates and fixed middle plates according to customer specification
- base structures and racks according to the customer's drawings
- surface coating according to customer's specifications
- ATEX version
- supplementary protection against dirt and liquids

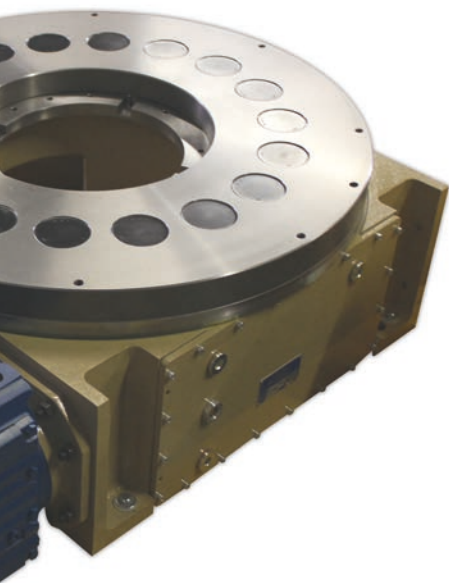


Product details

- maximum number of rollers engaged (always a minimum of 3, short-term 4 rollers over lapping)
- induction-hardened drive cams ($\geq 4\text{mm}$ hardening depth or through-hardened)
- cam track machined and grinded after hardening
- possible optimization through torque and velocity
- dispenser for different media as an option
- side through hole in housing for cable or tubes
- cam roller interchangeable from top (from TMF2000 on)
- sealing on the roller bores with waterproof caps
- simple check of the cam follower through service bores
- optimized cylindric cam followers, sorted by tolerances
- lifetime oil bath lubrication
- vertical as well as horizontal installation possible, sealing with gasket rings
- rotary table with fast adjustment control (Laminum)
- reliable standard SEW drives with backlash-free performance (alternative manufacturer possible)
- extremely high positioning accuracy by mounting the rotary encoder directly to the drive shaft
- reference mark via nonius
- covered sealing rings (as protection against impurities)

Advantages

- flexible number of stopps due to free programmability of output movements
- backlash-free movement
- flat design
- maximum power flow due to line contact between cam follower and drive cam
- high precision due to measurement systems located directly at the drive shaft
- extremely high load torques
- fast index times
- wear- and maintenance-free
- short delivery periods



About TAKTOMAT

Taktomat GmbH, located in Pöttmes Bavaria, is producing motion components for engineering. Founded in 1989, the family-run and managed enterprise specializes in high-precision rotary tables and linear systems as well as cam driven and servo pick and place systems. Our product range includes standard solutions as well as custom-made devices.

Concerning research and development Taktomat is cooperating with various reputable universities. The results of joint research projects are used to develop new products. Numerous patents prove the company's sustainable innovative capacity. Taktomat is certified according to DIN ISO 9001:2008.



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