

NEW

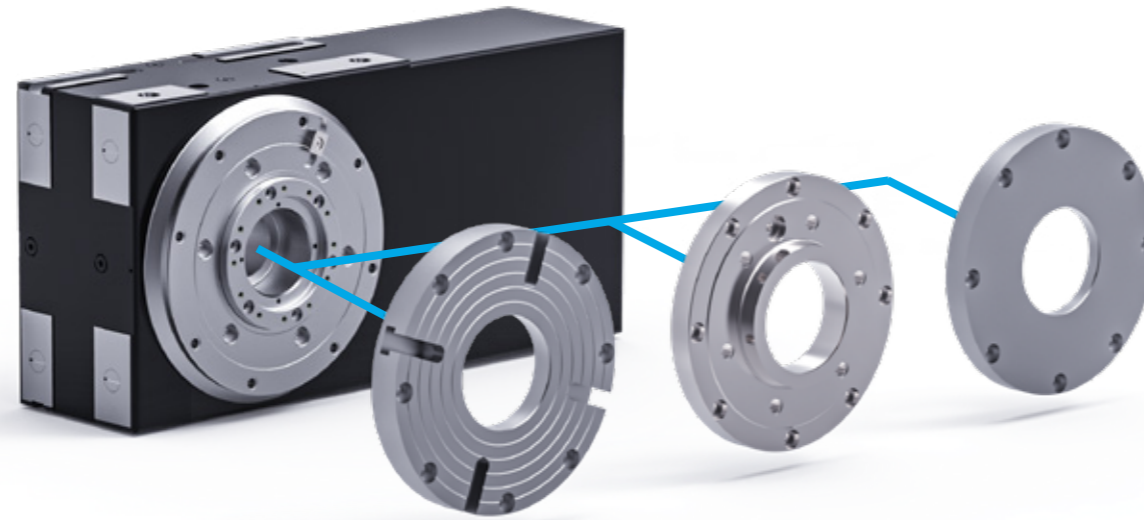
ROTARY TABLES

PERFECT FOR EVERY REQUIREMENT

COMPACT. BACKLASH-FREE. HIGHLY PRECISE.



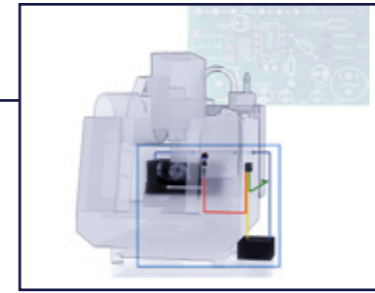
ROTARY TABLES



UNIQUE ON THE WORLD MARKET.

TO MEET THE HIGH DEMANDS OF ITS OWN MANUFACTURING, EPPINGER HAS REDEFINED THE STATUS QUO. THE RESULT IS REVOLUTIONARY.

- ↓
1. EXTREMELY PRECISE
- ↓
2. EXTREME POSITIONING PRECISION
- ↓
3. EXTREMELY FLEXIBLE AND SMART
- ↓
4. EXTREMELY COMPACT AND RIGID



TWIN DRIVE CONCEPT

INNOVATION

- Electrically preloaded, dual-motor servo drive
- Closed control loop of the motors allows for adaptive torque output as cutting forces increase

ADVANTAGES

- Zero-backlash bidirectional positioning and backlash-free over the service life
- High stiffness and high-speed locking even without clamping
- Reduced cycle time
- With electrical preload, clamping is not required for many applications
- No position deviation during clamping due to electrical preload in closed loop mode

INTEGRATED ANGLE SENSOR

INNOVATION

- Highly precise integrated angle sensor
- Precise positioning feedback through closed control loop

ADVANTAGES

- Extremely high bidirectional positioning accuracy of ± 5 arcsec
- Repeatability of ± 1 arcsec
- Integrated angle sensors eliminate the need to mount bulky glass scales, allowing our through hole to be utilized for accessories such as rotary unions

PLUG & PLAY CONCEPT

INNOVATION

- Connection via Eppinger Interface allows for Plug & Play operation and simultaneous control of additional devices
- Integrated sensors and electronics enable real time condition monitoring and remote maintenance
- Flexible plate changing system with cylindrical and conical retainer

ADVANTAGES

- With Eppinger Interface installed on a machine tool, one or more Eppinger Rotary Tables can be plugged in and used immediately without reconfiguring machine tool PLC
- Reduced maintenance and service time
- True position of face plates

COMPACT DESIGN

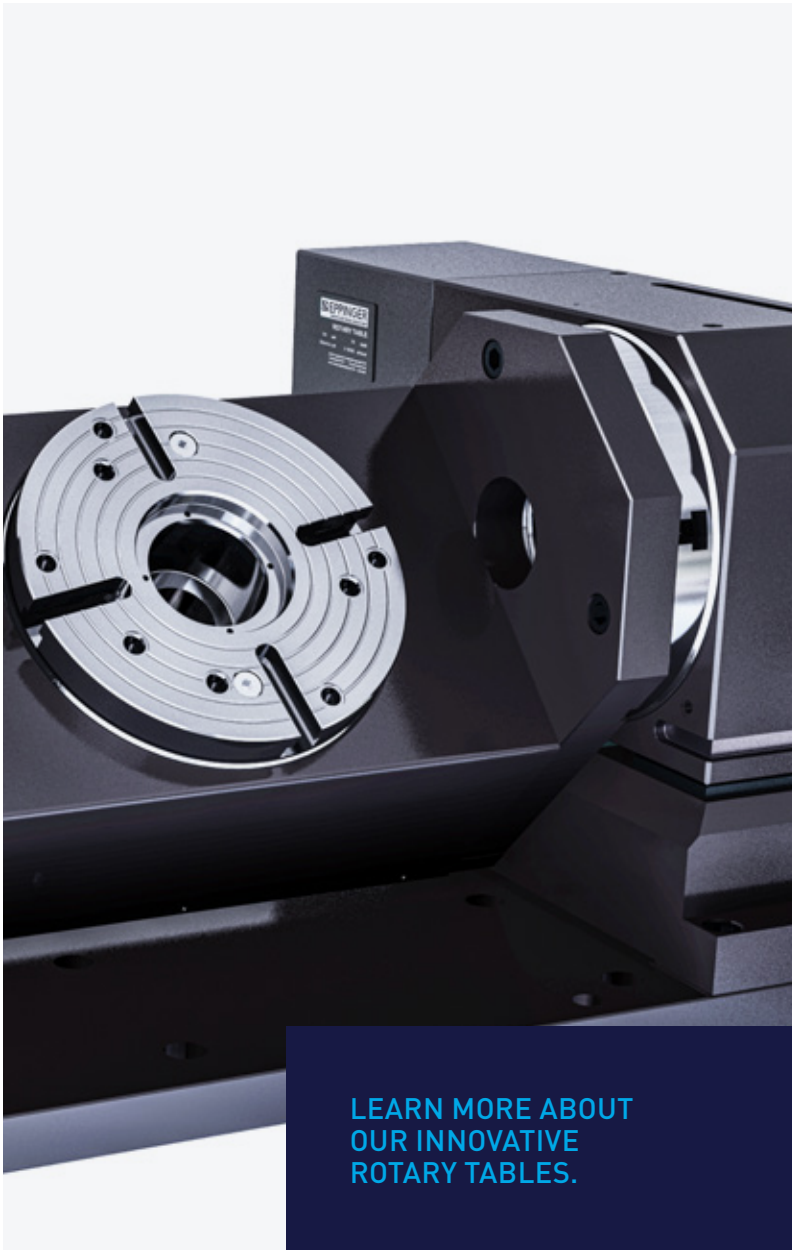
INNOVATION

- Extremely compact symmetrical housing
- Highly rigid design and clamping mechanism
- Double-sided precision spindle bearing (axial-radial bearing on the front and axial bearing on the rear)

ADVANTAGES

- One table, four mounting options (left, right, upright or horizontally)
- Lowest centre height on the market to maximize Z-axis travel
- High cutting forces due to extremely strong hydraulic clamping
- High torsional stiffness due to clamping on large outer diameter

ROTARY TABLES FROM EPPINGER. UNIQUELY PRECISE. UNIQUELY SIMPLE.



YOUR BENEFIT

- **Highest precision** and fast indexing as standard
- **Maximum flexible** through innovative interfaces for quick change & connection
- **Highly rigid** and **more compact**
- **Durable precision** and **low maintenance costs** due to intelligent sensor technology
- **The simplest integration** into all common machine tool concepts due to convenient installation

LEARN MORE ABOUT
OUR INNOVATIVE
ROTARY TABLES.

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