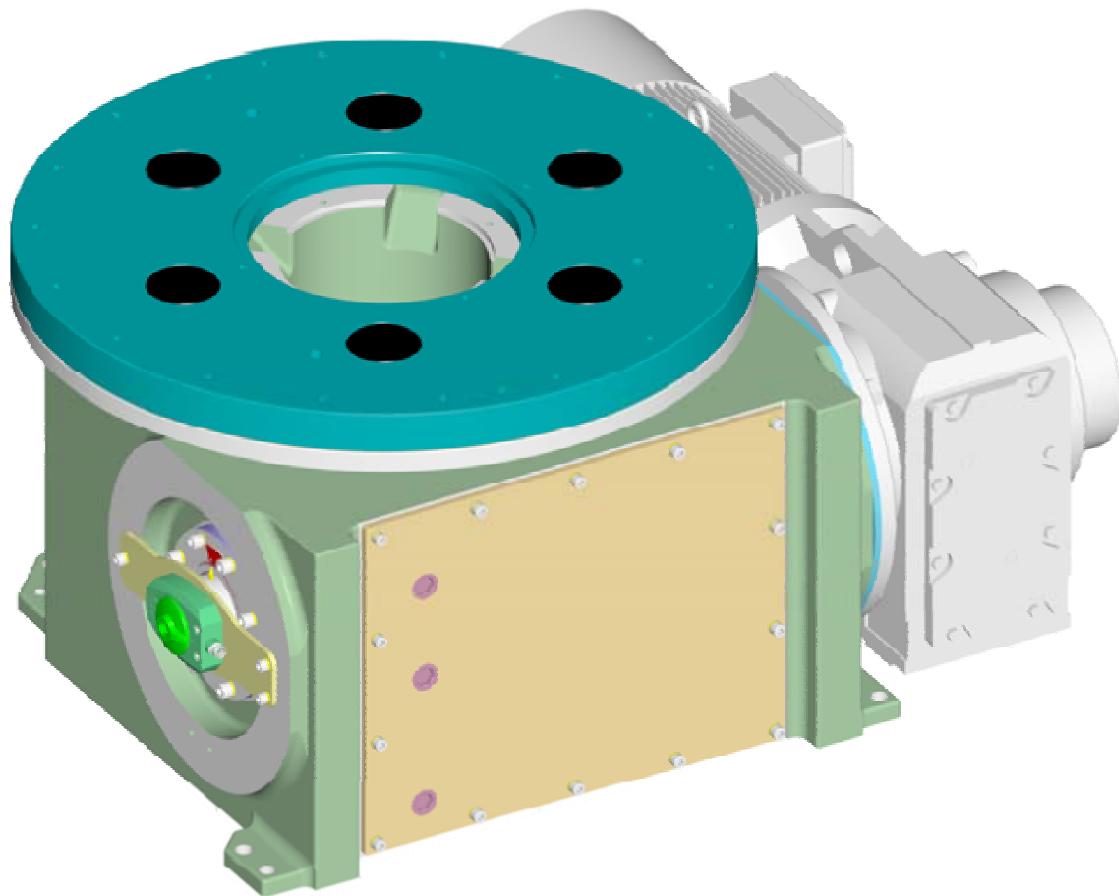
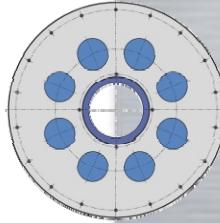


EXPERT-TÜNKERS
EDX series

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The EDX series

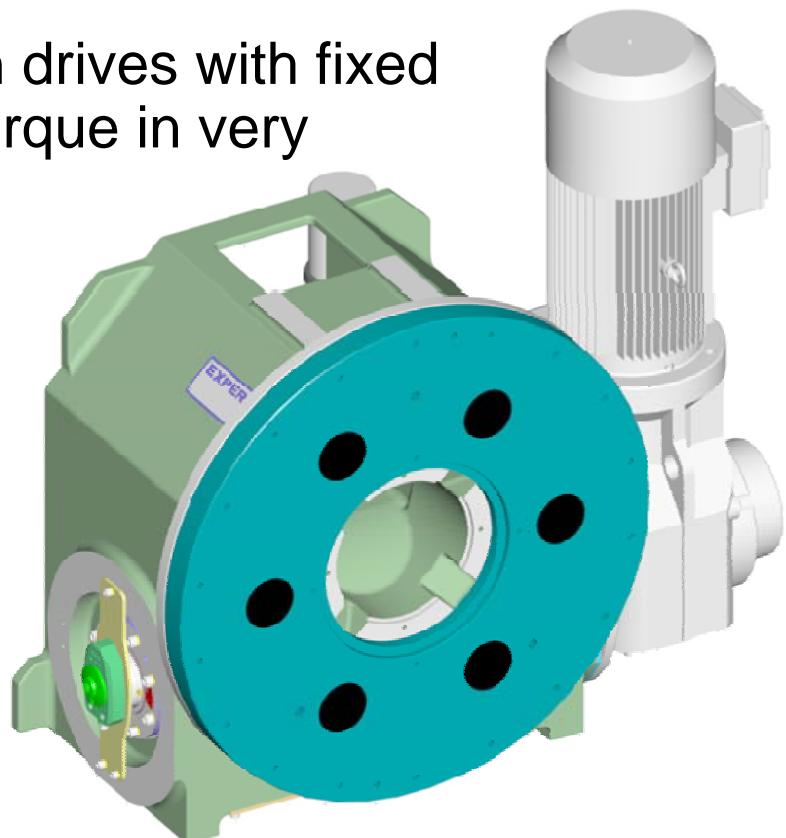


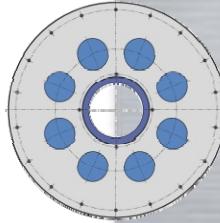
X – High-performance series

Standard rotary tables and trunnion drives with fixed indexing positions and maximum torque in very compact design.

Sizes:

- EDX 610
- EDX 700
- EDX 810
- EDX 960
- EDX 1170
- EDX 1370
- EDX 1600

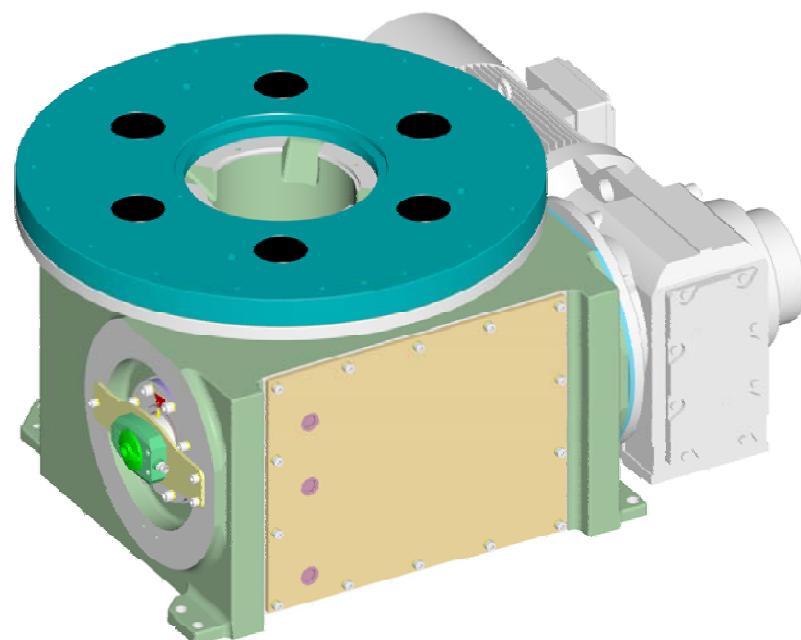


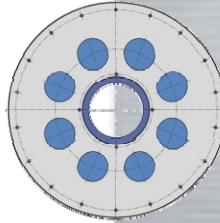


More torque due to multiple cam follower principle

With the EDX series there are always at least two cam followers engaged which provide for the force transmission from the cam to the rotary table within the range of acceleration and deceleration.

- Forces generated in the event of emergency stops are distributed over several cam followers
- Higher torques can be transmitted on the basis of the same design



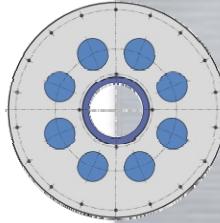


Maximum output torque due to "downsizing"



	ED series	New EDX series
Type	EDS 710	EDX 960
Diameter of table plate	710 mm	710 mm
Height	450 mm	450 mm
Max. output torque	3,900 Nm	5,000 Nm

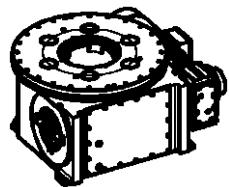
We achieve more than **+ 20% output torque** with the identical design as to almost all sizes.



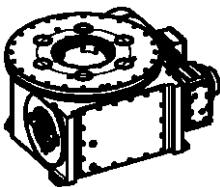
New EDX series performance classes in comparison with the ED series



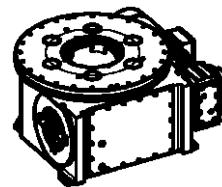
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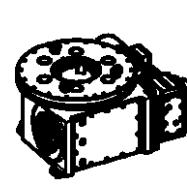
EDX1600
20000 Nm
Ø 1350 mm



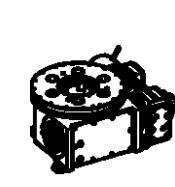
EDX1370
15000 Nm
Ø 1120 mm



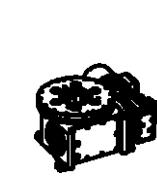
EDX1170
9000 Nm
Ø 920 mm



EDX960
5000 Nm
Ø 710 mm



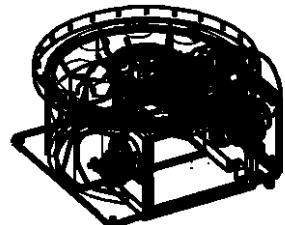
EDX810
2800 Nm
Ø 560 mm



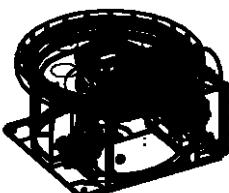
EDX700
1100 Nm
Ø 450 mm



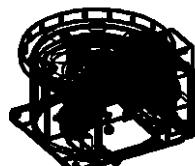
EDX610
660 Nm
Ø 360 MM



ED1350
16000 Nm
Ø 1350 mm



ED1120
12000 Nm
Ø 1120 mm



ED920
7400 Nm
Ø 920 mm



EDA710
4300 Nm
Ø 710 mm

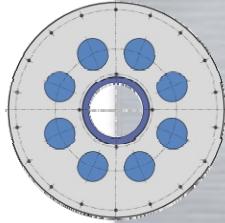


EDA560
2300 Nm
Ø 560 mm



EDA450
1000 Nm
Ø 450

-

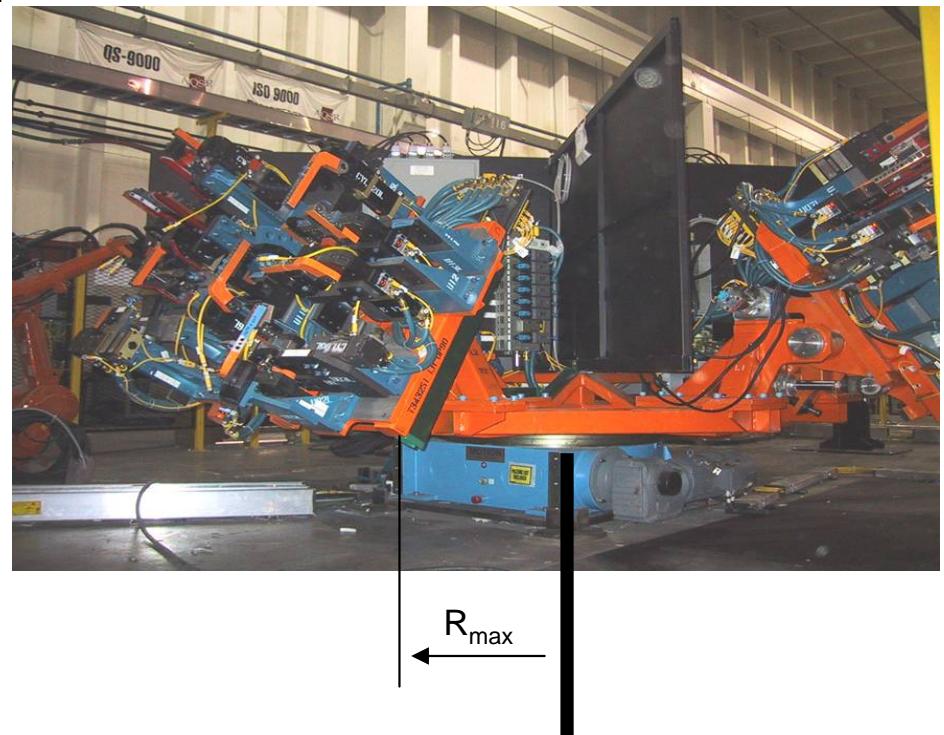


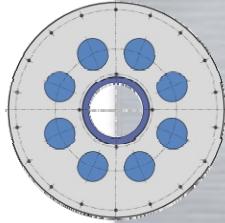
Compact dimensions of the EDX series allow for space-saving tool construction

The external radius R_{\max} of the rotary table defines the degrees of freedom for the tool arrangement. As to compact rotary tables with a small external radius, the centre of mass of the tools can be placed closer towards the centre axis, for instance.

CONCLUSION:

- Reduced inertia
- Less power required with the same dynamics:
 - ⇒ Smaller drives
 - ⇒ Reduced energy consumption
 - ⇒ Little cost



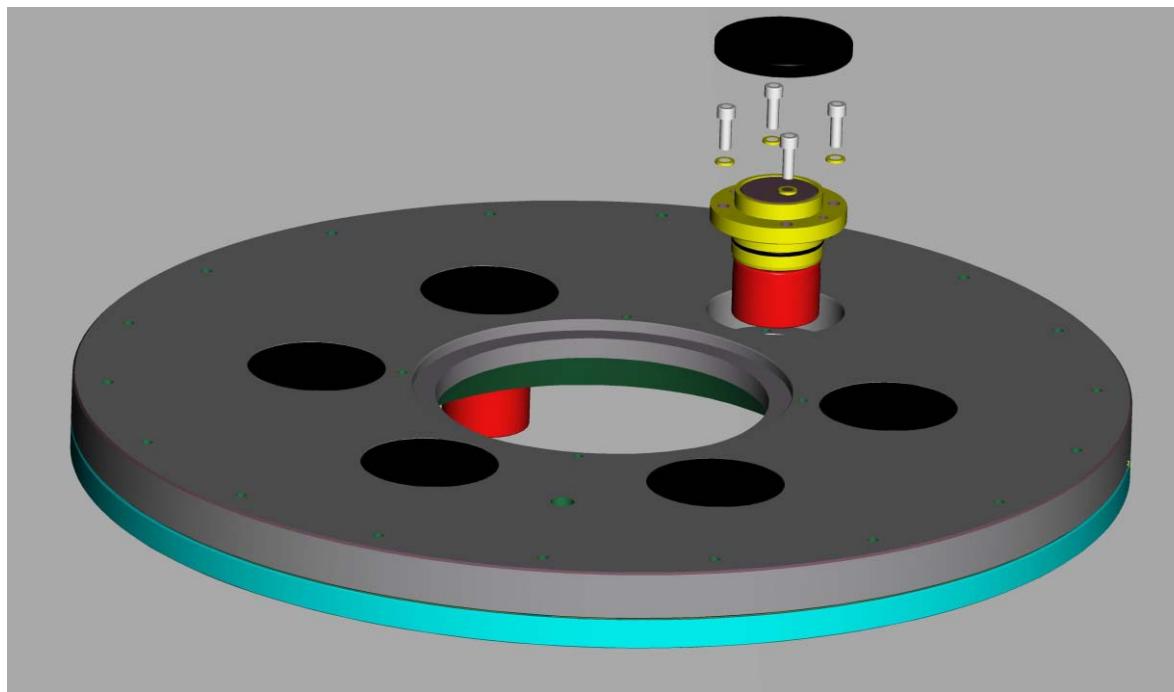


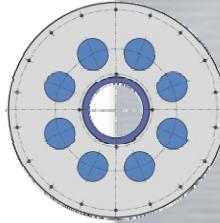
The EXPERT-TÜNKERS principle: Easy disassembly of cam followers



Overloading rotary index drives, for instance, due to a crash or maloperation can cause damage to the cam followers.

The EXPERT-TÜNKERS design allows for easy and quick replacement of the cam followers from the top – even when the table is blocked.





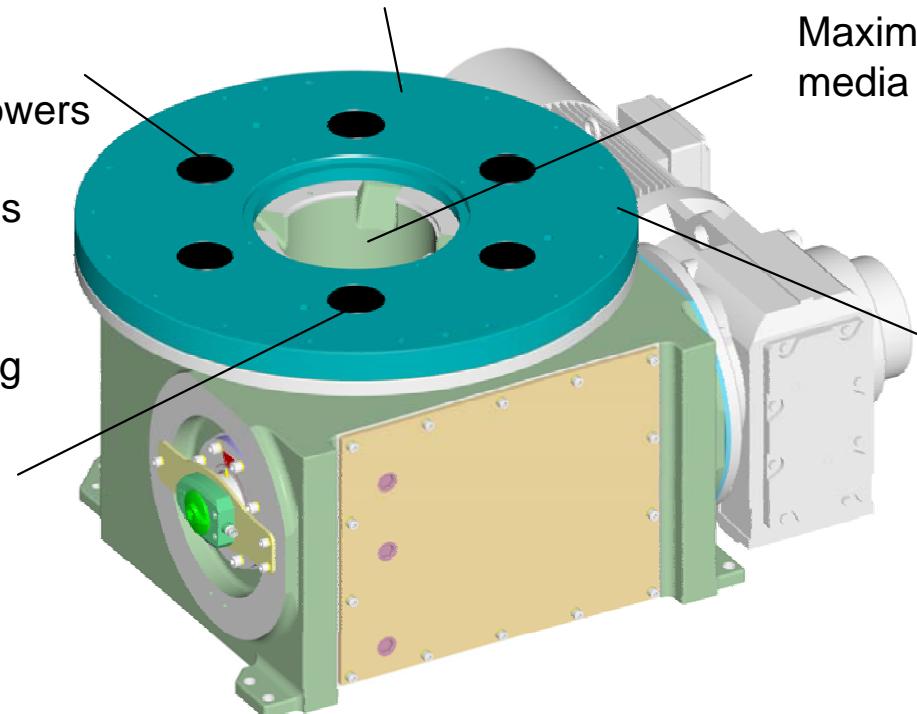
Technical advantages at a glance

Easy replacement or inspection of the cam followers from the top - without removing customer fixtures

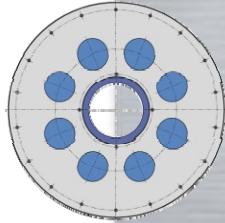
Solid, closed and plane table top plate with large mounting surface

Minimum play in working position due to grooved cam principle, several cam followers always engaged

Maximum centre space for media supply



Large bearing on the outer diameter



We are looking forward to your enquiry

EXPERT-TÜNKERS GmbH

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