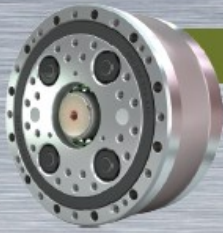


The name „**TWINSPIN**“ designates the full integration of high-precision reduction gear and radial-axial bearing in a compact unit.



T SERIES

A standard version of the high precision reducer TwinSpin with through and threaded holes in the case.



H SERIES

Hollow shaft-reducer with possibility of sealing where a big through hole in the shaft enables passing of cables, tubing or additional shafts to other axes.



M SERIES

M series represents high precision reduction gears TwinSpin of mini sizes. M series includes a completely sealed gear and are filled with grease for long lifetime.



E SERIES

Compact unit with flange like design. Suitable solution for robotics.

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SPINEA

IN

**MACHINE
TOOLS**

EXCELLENCE IN MOTION

Applications of high precision reducers in metalworking industry



B-axis machining head swivelling

- High precision of machining
- High machining forces applicable
- Compact design



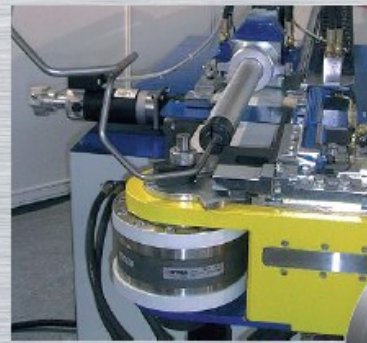
C-axis positioning of spindle

- High precision of positioning
- High tilting stiffness
- Compact design



Tool changers and magazines

- High speed tool changing
- High torque and tilting capacity
- Compact design



Bending machines

- CNC tube bending
- High torque capacity
- Small outer dimension



Other applications

- Manipulators
- Turning tables
- Waterjet cutting heads
- Welding positioners
- Scara robots
- Gantry robots
- Transportation systems
- Pallet changers

References



...and more.