



Module manufacturing of rotary axes with torque drive for machine tools and machining centres

The module manufacturing of rotational axes is also part of HOFMANN's product range. By orders of machine manufacturers, rotational axes are being delivered ready-to-install according to customer's specifications. The required parts are produced exclusively in their own works. It is only the machine manufacturer's construction that applies for the design of the rotational axes.

Hofmann's module manufacturing is beneficial for the following users:

- Machine tool manufacturers
- Manufacturers of machining centres
- Manufacturers of special purpose machines
- Machine manufacturers without their own production of parts and subassemblies

Benefits of the module manufacturing by HOFMANN:

- Delivery from one source with one contact person
- Ready-to-install delivery of the rotational axes including electric connectors
- Service for each module is done by HOFMANN
- Cost savings by omission of expensive buying processes at different suppliers
- High-quality design due to many years of experience



EXTENDED PRODUCT PROGRAMME

www.hofmann-mt.de

For high dynamics and rapid positioning: the new »HD« NC-series

We have extended our series to keep up with market demand. The NC HD series is now also available in the size **HD-400**.

With a top height of 400 mm, it is possible to machine very large workpieces with weights of up to 8 tonnes (supported by a "steady").

With the optional water-cooled torque drive, which can be provided by various manufacturers depending on the customer's wishes, drive torques of up to 1040 Nm can be realised. The motor is directly connected to the indexing spindle without a gearbox. This enables the indexing spindle to run at high speeds of up to 200 rpm, over a longer period of time.

Like the smaller models in the HD series, the **HD-400** is almost wear and backlash-free, thanks to the lack of gearbox. High precision is also achieved here by using direct measurement systems. All kinds of measurement systems can be used, depending on the required part precision.

The indexing spindle bearing is extremely stable, thanks to a heavy duty axial-radial angular contact ball bearing. Furthermore, each indexing device in this series has a safety clamp which holds the indexing spindle and the workpiece safely in position in the case of a power cut or an emergency stop.



4-axis processing with direct drive:
with the new HD-400 from Hofmann



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