

EXTENDED PRODUCT PROGRAMME

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

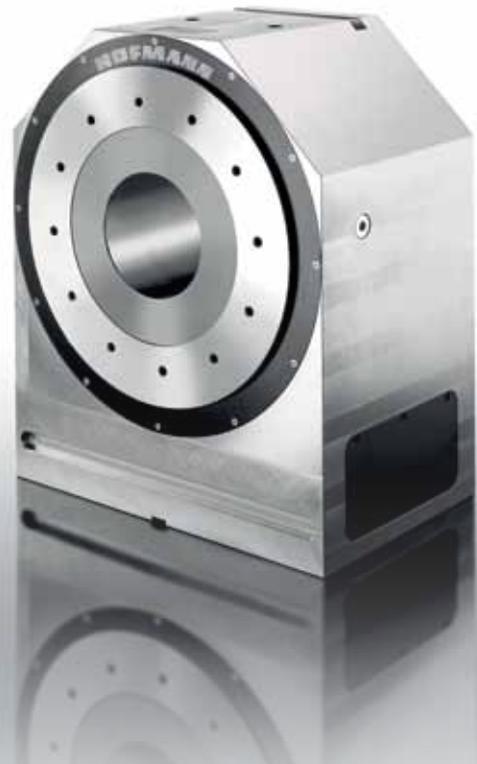
We have extended our series to keep up with market demand. The NC HD series is now also available in the size **HD-400**.

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").

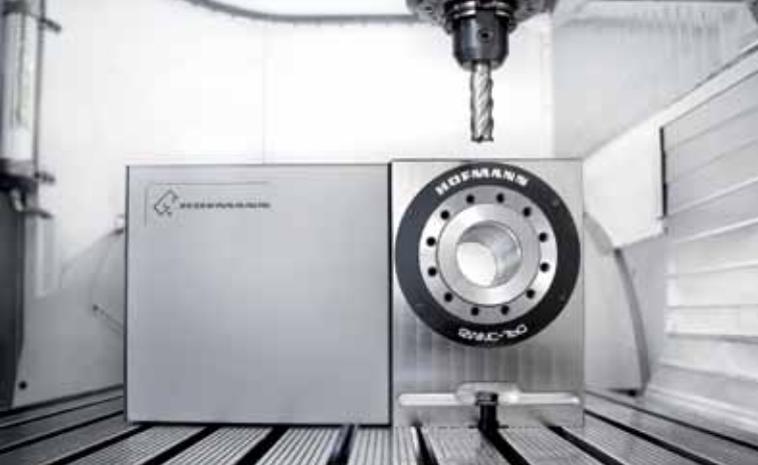
With the optional water-cooled torque drive, which can be provided by various manufacturers depending on the customer's wishes, drive torques of up to 1040 Nm can be realised. The motor is directly connected to the indexing spindle without a gearbox. This enables the indexing spindle to run at high speeds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



WERKZEUGSYSTEME
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»RWNC« NC indexing device series from HOFMANN

The **RWNC indexing device series** is available in eight sizes and was especially developed for use with horizontal and vertical indexing spindles on machine tools and machining centres. Above all, it is characterised by its mature design and its robust and stable construction. A surface-coated housing and robust stainless steel motor coverings offer excellent protection against corrosion.

For especially high part precision, it is possible to install direct measurement systems – which are integrated in and protected by the housing. The eccentrically-adjustable worm gear consists of a case-hardened worm shaft and a worm wheel made from an extremely low-wear bronze alloy. In combination with a high-performance lubricant, this results in very low friction and low-backlash running and, compared to indexing devices with torque drives, a very low power consumption. The sophisticated design ensures a long life and fault-free operation at all times, thus contributing to the efficiency of your business.

A wide range of matching accessories is available from the Hofmann Mess- und Teiltechnik product range, suitable for every application. This includes, for example, suitable tailstocks and "steadies" for supporting long workpieces.

Along with extraordinarily accurate concentricity and axial run-out precision, the customer receives a reliable solution tailored to their individual application.

As a highly-innovative company, Hofmann Mess- und Teiltechnik has stood for expertise and quality for more than 80 years. All our products are state-of-the-art and will impress you with their extremely low setup times, flexible application, rapid positioning speeds and reliability. For special applications where standard equipment cannot be used or approaches its limits, we will develop individual special solutions – precisely tailored to the appropriate task and machining technology

