

FIBRO Rotary Tables

**FIBROMAX: High precision for loads of up to 140 tons**

The FIBROMAX Rotary Tables demonstrate high precision and sheer power, which was presented by Weinsberg-based FIBRO GmbH at the EMO in Milan. Up to 140 tons can be positioned with micrometer accuracy - amazing power and precision. Loading, positioning and processing heavy-load components for wind turbines, rolling bearings, construction machinery or the die industry becomes a cinch. The XXL Rotary Tables allow for positioning of heavy components with an accuracy of +/-2 seconds of arc. The radial and axial concentricity too, are in the micrometer range.

The large dimension of the indexing table's high precision rolling bearing allows for maximum precision even for the bulkiest of components. In contrast to hydrostatic storage, with FIBROMAX the indexing table is not lifted which prevents heat distortion. The components can therefore be processed energy efficiently without the need for any cooling unit. In addition, in case of a power outage the storage function is fully maintained.

**Ideal for rotary milling and simultaneous operation**



FIBROMAX-NC Rotary Tables and Rotary-linear Tables are ideally equipped for flexible positioning as well as simultaneous rotary and multiple-axis machining of heavy loads. The large maintenance-free rolling bearing absorbs radial as well as axial forces. Its free from play twin drives make the heavy-duty rotary tables ideal for rotary milling and simultaneous operation. Hydraulic table top clamping increases tangential forces and reduces the load on the gear unit. Moreover, the rigidity of the entire system provides for an optimum power flow from the indexing table via the bearing through the roller circulation shoes and from the linear table into the foundation. Low maintenance and high operational safety ensure a long service life.

Particularly for large asymmetrical components, the FIBROMAX combination of rotary tables and rotary-linear tables enable high precision positioning inside and outside the operational area. Whilst milling large components, the linear displacement path acts as an extremely rigid additional axis. Whether used as a separate rotary-linear table at a lateral milling centre or as an integrated rotary table - the

customised setup of FIBROMAX by our qualified FIBRO-Team offers the user maximum flexibility for loads of up to 140 tons.

Number of characters including spaces: 2467

## Captions

FIBROMAX 1	The Heavy-duty Rotary-Linear Tables by FIBROMAX - amazing power and precision. Even bulky components of up to 140 tons can be positioned with micrometer accuracy.	
FIBROMAX 2	Handling loads of 140 tons the FIBROMAX Heavy-duty Rotary-Linear Table FIBROMAX made an impression at the EMO.	

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