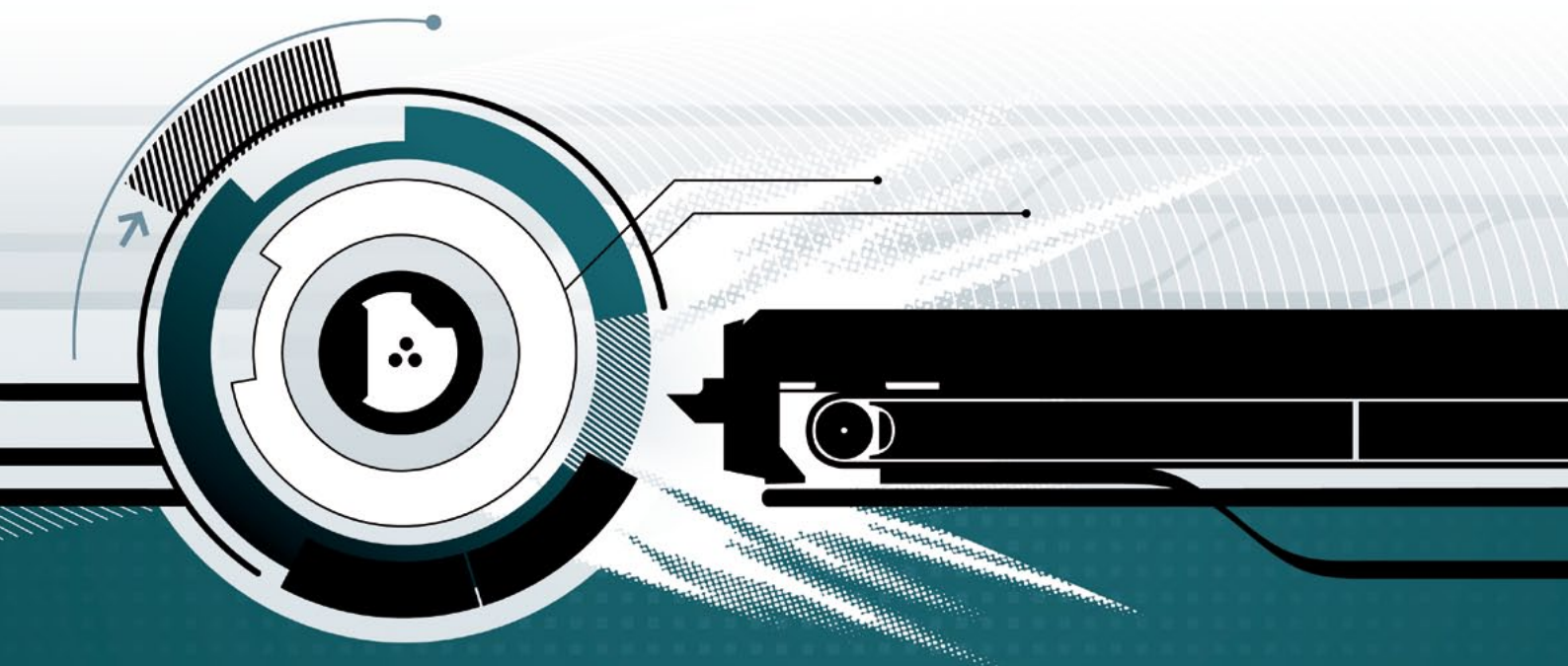


 PROFITURN H



Product information: ProfiTurn H

ProfiTurn H

WaldrichSiegen horizontal lathe for cost-efficient turning of large and complex workpieces. Due to their rigid design and their hydrostatic guideways these machines allow to carry out both rough machining and finish machining on one machine. The ProfiTurn H machines feature maximum flexibility and a high degree of process integration. For yet further improvement of productivity the machines can be equipped with two carriages.



Applications (industries)

- Machining of generator rotors
- Machining of castors
- Forges
- Machining of turbine rotors
- Roll manufacturing

Technical data

Hydrostatic horizontal lathe in one-bed and two-bed design.

Dimensions

Workpiece diameter	1 - 7 m
Distance between centers	up to 30 m
Workpiece weight	up to 500 t

Headstock

Faceplate diameter	up to 3 m
Drive power	up to 500 kW
Driving torque	up to 400,000 Nm

Carriage

Number of tool carriers	max. 6 pcs.
Width of tool carriers	30 - 150 mm
Max. cutting force	up to 20 t

Highlights

- Carriage with hydrostatic guideways
- Carriage with master-/slave drive or hydrostatic worm drive
- All major machine components made of cast iron
- High-performance headstock
- High degree of process integration (turning, milling, measuring, grinding)
- Tailstock for workpiece accommodation between centers or with counterstay
- Comprehensive range of accessories available
 - Roller steady rests
 - C- type steady rests
 - Hydrostatic steady rests
 - Tool and workpiece measurement
 - Grinding attachment
 - Various milling attachments
 - Tool tapers for special machining tasks
 - Coolant systems
 - etc.
- Maintenance-friendly and easy-to-operate overall machine concept.
- Energy-efficient machine design