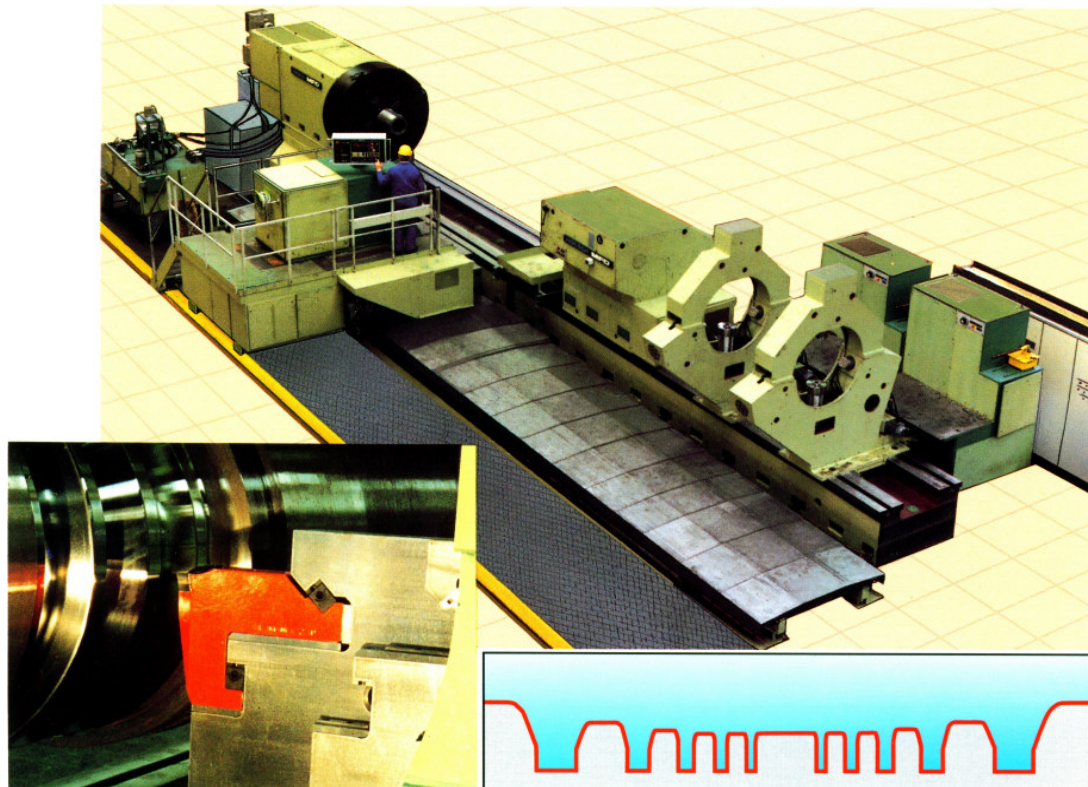


Finishing lathe D 2500 N-YFS-1

with numerical path control

hydrostatic saddle guide ways

hydrostatic worm for the longitudinal transport of the saddle



Field of application of the MAT (Hoesch MFD) finishing lathes

The machines of this series are used for finish- machining generator shafts, turbine rotors and similar workpieces requiring highest accuracy. Due to the continuous development of the components with regard to a larger- scaled and more automated application, this machine series is setting standards.

In combination with CNC- controls, the MAT- finishing lathes guarantee highest grade of economy, availability and accuracy when finish- machining.

Special design features of the MAT (Hoesch MFD) finishing lathes

- ◇ load conform and stable machine construction
- ◇ hydrostatic saddle sliding guide ways, i.e. wear- resistant guides in longitudinal and transverse direction
- ◇ hydrostatic worm for the longitudinal transport of the saddle
- ◇ thermo- symmetrical headstock design
- ◇ automatic supervision of the machine

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Execution example of a Hoesch MFD Finishing lathe D 2500 N-YFS-1

Machine no. 6071

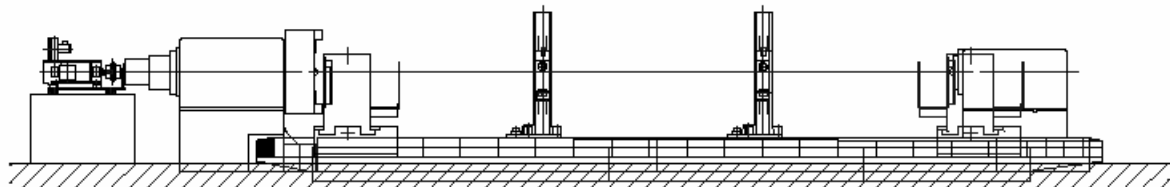
Technical main data

Max. turning diameter	2.500	mm
Centre distance	10.000	mm
Max. weight of workpiece	90.000	kg
Main drive capacity	110	kW

Special accessories

- ◇ steadies
- ◇ boring and milling unit
- ◇ surface grinding unit
- ◇ band grinding unit

***The flexible concept of this machine type allows for an individual determination of accessories and dimensions.
Standard series up to 5.500 mm turning diameter.***



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