



DANOBAT

HIGH PRECISION LATHE

LT

LT HIGH PRECISION LATHE

LT-400 high precision hard turning machine has been developed to suit specific applications such as bearings, ballscrew nuts, dies & moulds, clamping components and non-round workpieces.

These hard turning machines have been conceived in close collaboration with end users resulting in a product comprising the machine itself and all related processes, hence offering a complete final tailor made solution.



LT TECHNICAL DESCRIPTION

TECHNICAL CHARACTERISTICS		LT-400
Turning diameter	mm	400
Turning diameter with tailstock	mm	n.a./150
Workpiece weight	kg	80/300
Headstock speed	rpm	10000/4000
Slide repeatability	µm	± 0,1

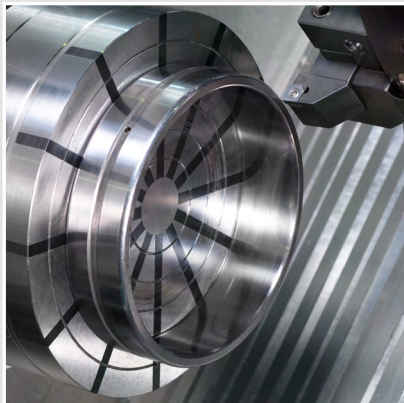


Technical machine descriptions

- Bed made from natural granite, which provides high thermal and dynamic stability.
- A damping system secures a greater precision during machining operations.
- The rotary axes are driven by built-in, maintenance-free motors for rapid and precise movements providing excellent output and quality.
- Hydrostatic technology for the head and the X and Z-axes.
- LT horizontal lathes can be automated by means of DANOBAT-designed loading systems, such as a built-in gantry or robotized systems.

LT APPLICATIONS

BEARINGS RINGS



PROGRESSIVE DIE

