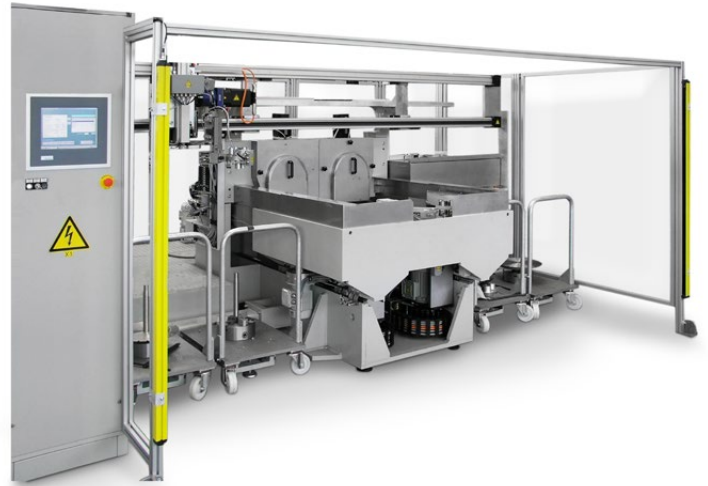




GPSL

AUTOMATIC SURFACE GRINDING MACHINE LINEAR



Special features

- Fully automatic surface grinding of base bodies
- Constant cutting velocity by automatic adjustment of the grinding disk speed
- Demagnetising feature
- Large output through 2 grinding disks and 2 magnetic tables
- Industrial PC with touch screen and machine operation with WINDOWS interface

Technical description

- The finished base bodies, stacked on the magazine cart, are retrieved by a handling device with magnetic gripper
- The magnetic tables 1 and 2 are cleaned by means of a brushing facility and the base bodies put in place
- The base body is ground flat by the electrically driven grinding disks
- During the grinding process, the grinding disk is guided linearly across the base body
- After grinding of the first base body side, the base body is cleaned by the brushing facility and turned by means of the handling device
- The magnetic table is cleaned by means of the brushing facility, before the base body is placed on it
- The second base body side is ground flat
- The finished base bodies, ground flat, are stacked on the magazine cart

Features

- Two magnetic tables with brushing facility
- Four magazine carts: stacking height 800 mm
- Cooling water container, pumps
- Central lubrication

Technical data

- Saw diameter standard: 100 – 400 mm
- Grinding disk: max. $\text{Ø}400 \times 127 \times 20 - 60$ mm
- Machine dimensions (LxWxH): approx. 5000 x 3000 x 3200 mm
- Weight: approx. 11,000 kg

Special design on request