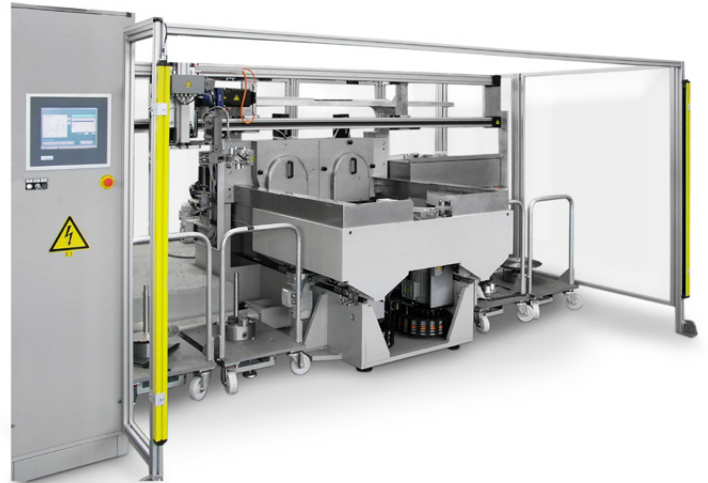




GPSL

AUTOMATIC SURFACE GRINDING MACHINE



Special characteristics

- Fully automatic surface grinding
- Constant cutting velocity by automatic adjustment of the grinding wheel speed
- Demagnetising unit
- Large output through 2 grinding wheels and 2 magnetic tables
- Four magazine carts: stacking height 800 mm
- Central lubrication
- Industrial PC with touch screen and machine operation with WINDOWS interface

Technical description

- The raw workpieces, stacked on the magazine cart, are picked up by a handling device with magnetic gripper
- The magnetic tables 1 and 2 are cleaned by means of a brushing unit and the workpieces are put in place
- The workpiece is ground by the electrically driven grinding wheels
- During the grinding process, the grinding wheel is guided linearly across the workpiece
- After grinding of the first workpiece side, the workpiece is cleaned by the brushing unit and turned by means of the handling device
- The magnetic table is cleaned by means of the brushing unit, before the workpiece is placed on it
- The second workpiece side is ground
- The finished workpieces, are stacked on the magazine cart

Technical data

- Table diameter: 400 mm
- Grinding wheel: max. \varnothing 400 x 127 x 20 – 60 mm
- Machine dimensions (L x W x H): approx. 5,000 x 3,000 x 3,200 mm
- Weight: approx. 11,000 kg

Options

- Cooling water container with pumps

Special design on request