



GPS2M

SEMI-AUTOMATIC SURFACE GRINDING MACHINE



Special characteristics

- Semi automatic surface grinding of workpieces
- Vibration-isolating polymer concrete frame
- Automatic thickness measurement with direct or indirect measuring system
- Magnetic table with brushing unit
- Constant cutting velocity by automatic adjustment of the grinding wheel speed
- Central lubrication
- Industrial PC with touch screen and machine operation with WINDOWS interface

Technical description

- Magnetic table is cleaned by means of a brushing mechanism
- The workpiece is placed in position by the operator
- The workpiece is ground by a motor-driven grinding wheel
- During the grinding process, the grinding wheel is guided linearly across the workpiece
- The workpiece thickness is measured by a measuring system during the grinding process
- After the grinding process on the first side, the workpiece is cleaned by the brushing mechanism
- Before turning and repositioning the workpiece on the magnetic table, the magnetic table is first cleaned by the brushing mechanism as well
- Thereafter, the second workpiece side is ground

Technical data

- Table diameter: 1,200 mm
- Grinding wheel: max. \varnothing 700 x 304 x 40 – 80 mm
- Machine dimensions (L x W x H): 3,000 x 3,000 x 3,000 mm
- Weight: approx. 22,500 kg

Options

- Table diameter: 1,850 mm
- Magazine cart handling system
- Profiled workpieces (hub saw bodies/ tapered saw bodies/ paper knives)
- Cooling water container with pumps

Special design on request