



# GPS2M

## SEMI-AUTOMATIC SURFACE GRINDING MACHINE



### Special features

- Semi automatic surface grinding of base bodies
- Vibration-isolating polymer concrete frame
- Automatic thickness measurement with direct or indirect measuring system
- Constant cutting velocity by automatic adjustment of the grinding disk speed
- Industrial PC with touch screen and machine operation with WINDOWS interface

### Technical description

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

### Features

- Magnetic tables with brushing facility
- Measuring system
- Cooling water container with pumps
- Central lubrication

### Technical data

- Base body diameter standard: 100 – 1200 mm / 1850mm
- Grinding disk: max. Ø700 x Ø 304 x 50-80 mm
- Machine dimensions (LxWxH): 3000 x 3000 x 3000 mm
- Weight: approx. 22,500 kg

### Options

- Magazine cart handling
- Profiled work pieces (hub saw bodies/ tapered saw bodies/ paper knives)

### Special design on request