



# GBD

## AUTOMATIC BORE PROCESSING MACHINE



### Special characteristics

- Fully automatic turning of centre bore of bodies with bevel on both sides
- Automatic centering of the body
- Integrated cleaning unit
- Tool turret for 10 tools
- Rigid machine frame
- Reduced cycle time due to special machine design
- Industrial PC with touchscreen and machine operation with WINDOWS interface

### Technical description

- The handling device picks up a body from the magazine cart
- The body is placed onto a centering unit
- The body is handed over to the magnetic chuck
- The center bore is turned according to programmed parameters
- The body is cleaned by a brush unit and picked up by the handling device
- The finished body is stacked on the second magazine cart

### Standard features

- Electro motor driven magnetic chuck (Ø 300 mm)
- Tool turret for 10 tools

### Technical data

- Body diameter: 120 to 800 mm
- Body thickness: 1 to 10 mm
- Bore diameter: 10 to 150 mm
- Machine dimensions (LxWxH): 3000 x 3000 x 2500 mm
- Weight: approx. 10,000 kg

### Options

- Automatic body centering unit
- Magnetic chuck cleaning device
- Magazine cart handling (max. stack height 800 mm)
- Automatic measuring system for the bore diameter
- Driven tools for milling

### Special design on request