



GRSS

AUTOMATIC STROBE SAW GRINDING MACHINE



Special characteristics

- Quick set up for different saw dimensions
- Settings are programmed via the machine controller
- High grinding precision
- Grinding unit with 2 grinding wheels
- The placement- and feeder- movement is via servo motors
- Servomotor X-Y positioning unit of the saw blade
- Machine enclosure with extraction
- Industrial PC with touch screen and machine operation with WINDOWS interface

Technical description

- The saw is optically pre-aligned to the programmed strobe
- The saw is moved to the grinding position and indexed against a mechanical stop
- The saw is clamped between 2 clamping jaws
- The strobe is ground simultaneously on both flanks (different grinding cycles are possible)
- After grinding, the saw is indexed to the next grinding position

Technical data

- Saw diameter: 800 mm
- Strobe angle: -15° to $+15^{\circ}$
- Strobe length : 10 – 100 mm
- Machine dimensions (L x W x H):
2,200 x 1,200 x 2,500 mm
- Weight: approx. 6,000 kg

Options

- Saw diameter: 1,400 mm
- Magazine cart handling system

Special design on request