



# GP

## AUTOMATIC POLISHING MACHINE



### Special characteristics

- Compact machine design
- Many kinds of saw blades with different surface quality can be polished
- The use of two polishing tables minimizes idle time
- Automatic dressing unit for the polishing wheel
- Variable polishing pressure
- Frequency controlled polishing wheel and table motors with automatic speed adaption
- Automatic drying of the saw blades after polishing
- Magazine carts for saw blades with high stock capacity
- Industrial PC with touch screen and machine operation with WINDOWS interface

### Technical description

- The saw blades with plates placed in between to protect the saw blades, are stacked on the left magazine cart. By means of a handling unit – a combination of a magnetic and vacuum grip system – the saw blades are automatically picked up
- By means of the handling unit the saw blades are transferred to the polishing tables 1 and 2
- After polishing the first side, the saw blade is automatically turned over on the same polishing table and the second side is being polished
- While polishing a blade on one of the polishing tables another blade can be turned over or a new one can be placed on the other table

- The polished saw blades are cleaned and dried by means of the cleaning and drying unit (option) and are stacked on the second magazine cart on the right-hand side
- The plastic plates are also put on the right magazine cart during the polishing operation

### Technical data

- Diameter of saw blades: 100 – 500 mm
- Special design: 100 – 800 mm
- Polishing wheel: max. Ø 400 x 127 x 20 – 50 mm
- Machine dimensions (L x W x H): 1,700 x 2,600 x 2,800 mm
- Weight: approx. 6,000 kg

### Options

- Diameter of saw blades: 700 / 850 mm
- Water container with magnetic filter and pump
- Cleaning and drying station
- 2 rotation directions of the table and the polishing wheel can be selected for polishing of strobe saws

### Special design on request