



GLB

AUTOMATIC BRAZING MACHINE FOR BAND SAWS



Special characteristics

- Very clear and reliable top plate system (patented DBP No. 3621 415)
- Easy maintenance
- Tooth orientation by means of optical contact-free position recognition system
- Precise and accurate positioning of the solder cutting station
- Accurate flux dosing onto the tooth and solder by means of electronic dosage device and large supply container (no soiling, no drying)
- Quick and accurate conversion to different saw blade sizes
- Simple operation
- Short training period

Technical description

- Arranging and feeding of the tungsten carbide teeth by means of a sorting device and longitudinal conveyor belt
- Dosing the flux onto the tungsten carbide tooth by means of dosing valve 1
- Cutting the soldering platelets off an endless strip and punching onto the tungsten carbide tooth
- Dosing the flux onto the soldering disc by means of dosing valve 2
- Transferring the prepared tungsten carbide tooth to the ceramic-surfaced and water-cooled brazing tongs

- Soldering the tungsten carbide tooth onto the band saw
- Manual loading and unloading of the unsoldered and soldered saw blades

Features

- Top plate system
- Electronic dosage system
- Temperature control device
- HF generator: 5,6 kW
- Operating interface for parameter input and process indication
- PLC machine control

Technical data

- Band saw width: 25 – 150 mm
- Rake angle: -10° to $+10^{\circ}$
- Tungsten carbide tooth width: 1,0 – 5 mm
- Tungsten carbide tooth length: 4,0 – 12 mm

Options

- Silver wire feed unit
- Water-cooling system

Special design on request