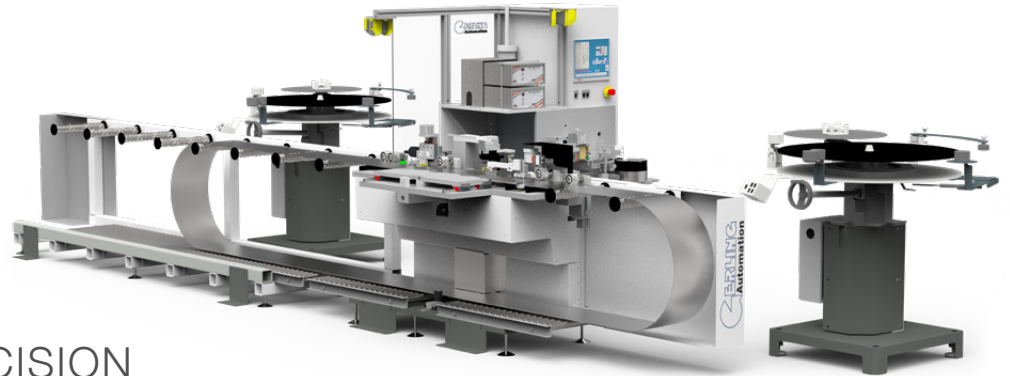




GLLB

AUTOMATIC PRECISION BRAZING MACHINE FOR BAND SAWS



Special characteristics

- Innovative machine design by use of servo drive technology for the handling units
- Few interchangeable parts for changeover with reduced set up time
- Changeover mainly by data input into the machine control
- Modern tip sorting system with laser camera and intelligent learning function
- Silver solder bending unit continuously variable programmable in all dimensions
- Machine protection system with light curtain
- Industrial PC with touch screen and machine operation with WINDOWS interface

Technical description

- Sorting and feeding of the tips by means of bowl feeder, laser camera system and longitudinal conveyor or belt
- Precise tip preparation with servo gripper
- Programmable flux dosing
- Programmable solder shaping at the solder cutting station
- Defined transfer of the prepared tip into the ceramic equipped and water cooled brazing tongs
- Temperature controlled brazing of the tip onto the circular saw blade
- Temperature controlled annealing process
- Fully automatic positioning and indexing of the saw blade by means of servo motors

Technical data

- Band saw width: 30 – 300 mm
- Band saw length: up to 14 m or from coil
- Rake angle: -5° to $+30^{\circ}$
- High frequency power: 5.6 kW
- Tip width: 1.5 – 10 mm
- Tip length: 2.0 – 27 mm
- Machine dimensions (L x W x H): 7,000 x 2,000 x 1,800 mm
- Weight: 2,500 kg

Options

- Coil feeding system
- Camera inspection system
- Silver wire feeding unit
- Water cooling system

Special design on request