



GLH

MANUAL BRAZING DEVICE



Special characteristics

- Innovative machine design for fast change over to different saw and carbide tip sizes
- Carbide tips are brazed centred to the saw body with high precision
- The high frequency heating system allows brazing joints with repeatable quality
- The temperature controlled brazing and annealing cycle allows brazing joints with supreme quality
- Quick familiarization with the machine, easy to handle
- Ideal for small batches and samples
- Ideal for saw blade repair

Technical description

- Adjustment of saw diameter and rake angle by hand wheels
- Manual feed of the carbide tips by means of an adjustable tip support
- The tips are fed into a water-cooled brazing grip and clamped centric with ceramic plates
- Manual transporting of the tip to the saw blade with the brazing grip
- Brazing of the tip onto the circular saw blade by means of inductive heating

Technical data

- Diameter of saw blades: 100 – 810 mm
- Option: 2000 mm
- Rake angle: -15° – $+35^{\circ}$
- Tip width: 1.3 – 12 mm
- Tip length: 3 – 20 mm
- High-frequency power: 3.4 kW (option 5.6 kW, 12 kW)
- Machine dimensions (L x W x H): 1000 x 1000 x 1400 mm
- Weight approx. 200 kg

Options

- Temperature controlled brazing
- Water cooling system

Special design on request