



HSC 750E

WITH ROBOT SYSTEM

FOR CEMET TIPPED METAL CUTTING SAW BLADE

CNC AUTOMATIC BRAZING MACHINE WITH STRAP SOLDER



Special features

- The high frequency induction heating system control the temperature automatically. The accuracy of controlled temperature, to ensure welding strength and heating stability. suitable for brazing metal cold saw blade, ironwork saw blade, stainless steel saw blade and aluminum alloy saw blade.
- Industrial PC with 10inch touch screen system with both language and logo for parameter setting, easy set-up and operation.
- Automatic teeth selection, feeding, dosing, silver solder foil cutting and folding just through one-stage processing.
- High precision dosing valve to ensure the accuracy.
- Modern tip sorting system with laser camera and intelligent learning function.
- Welding the saw tip onto the circular saw blade by control the temperature so that the temperature controlled brazing and annealing cycle allows brazing joints perfectly.

Technical data:

- Diameter of saw blades: 180mm~500mm
- Rake angle: -10° ~ $+20^{\circ}$
- Tip width: 1.5mm~7mm
- Brazing accuracy: ≤ 0.04 mm
- Thickness of saw blades: 1.2mm~5.0mm
- Speed of brazing : 7~13s/per tooth
- The width of silver solder foil: 1.5mm~5.0mm
- Length of teeth : 4mm~10mm
- High frequency power: 6.0kw
- Water pressure : ≥ 3 KG
- Air pressure: ≥ 5.5 KG
- Electricity: 220 V (single phase) 50 Hz (wire bigger than 6mm²)
- Gross Weight: 800KG
- Dimension : 1600mm * 1200mm * 1700mm

Options

- Camera inspection system
- Silver wire feeding unit
- Ceia induction heating system

KELION
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