



HSC 790E

CNC AUTOMATIC BRAZING MACHINE WITH WIRE&STRAP SOLDER (WITH ROBOT)



TECHNICAL FEATURES:

- The function of automatically install and unload of blades, suitable for precision cutting board saw, electronic cutting saw, aluminum alloy saw blade, multi-blade saw and other series of saw blades. One person can operate more than 10 machines at the same time, greatly save labor cost.
- Silver solder bending unit continuously variablely programmable in all dimensions.
- Three groups of rails are adopted for the transmission of tungsten carbide teeth, which improves the running accuracy and service life of rails.
- 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.
- Welding the tip onto the circular saw blade by control the temperature so that the temperature controlled brazing and annealing cycle allows brazing joints perfectly.
- Automatically pick up of the brazed circular saw blade and placing it onto the upper pin of the loading magazine in ergonomic control position for the operator.

TECHNICAL DATA:

- Diameter of saw blades: 120mm~500mm
- Rake angle: -5° ~ $+25^{\circ}$
- Length of teeth: 4.0~15.0mm
- Carbide tips width: 1.5mm~10.0mm
- Brazing accuracy: ≤ 0.05 mm
- Thickness of saw blades: 1.0mm~9.0mm
- Speed of brazing: 6~12s/per tooth
- Weld width: 1.5~6.0mm
- General power: 6.5kw
- Function: WIRE&STRAP SOLDER
- The width of silver solder foil: 1.5mm~6mm
- Diameter of silver wire: 0.5mm
- Water pressure: ≥ 0.3 Mpa
- Air pressure: ≥ 0.55 Mpa
- Electricity: 220 V (single phase) 50 Hz (wire bigger than 6m²)
- Time of change blades: 8~15s/pcs
- Gross Weight: 830KG
- Net weight: 650KG
- Dimension(L*W*H): 1600mm *1200mm *1700mm
- Box:(L*W*H): 1940mm *1250mm *1950mm

OPTIONS:

- Camera inspection system
- Ceia induction heating system

KELION
Automation

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