



# HSC 400A

WITH ROBOT SYSTEM

WIRE SOLDER

CNC AUTOMATIC BRAZING MACHINE



## Special features

- Stable structure with high brazing speed(about 4.5-8 seconds needed per tooth)
- The electronic control system automatically from takes , changes, installs and welds, and the whole process takes 10-15 seconds.
- Both sides cylinders automatically fixed saw blades to improve precision.
- The high frequency induction heating system control the temperature automatically. The accuracy of controlled temperature, to ensure welding strength and heating stability.
- Automatic teeth selection, feeding, dosing, silver solder foil cutting and folding just through one-stage processing.
- Suitable for mass production, one person can control 12 equipment at the same time.

## Options

- Ceia induction heating system
- Camera inspection system

## Technical data:

- Diameter of saw blades:100mm~400mm
- Rake angle:-5°~+25°
- Carbide tips width: 1.5mm~11.5mm
- Brazing accuracy:  $\leq 0.05\text{mm}$
- Thickness of saw blades: 1.0mm~5.0mm
- Speed of brazing : 4.5~12s/per tooth
- General power: 6.0kw
- The diameter of silver solder wire: 0.5mm
- Water pressure :  $\geq 3\text{KG}$
- Air pressure:  $\geq 5\text{KG}$
- Electricity: 220 V ( single phase ) 50 Hz (wire bigger than 6mm<sup>2</sup>)
- Gross Weight: 650KG
- Dimension : 1600mm \*1200mm \*1700mm
- Time of change blades:8~15s/pcs