



HSC 300A

WITH ROBOT SYSTEM

WIRE SOLDER

CNC AUTOMATIC BRAZING MACHINE



Special features

- Stable structure with high brazing speed (about 3.8-6 seconds needed per tooth), high brazing efficiency with 4800-7500 tips per 8 hours.
- The electronic control system automatically takes, changes, installs and welds, and the whole process takes 10-15 seconds.
- Standard parts using well-known brands: OMRON, KEYENCE, Schneider, Airtac, Taiwan HIWIN and other parts to ensure the high efficiency and stability of the machine.
- Automatic teeth selection, feeding, dosing, silver solder foil cutting and folding just through one-stage processing.
- High precision dosing valve to ensure the accuracy.
- Automatic centering system, advanced high frequency heating controller, infrared temperature measuring device, to ensure welding strength and stability.

Technical data:

- Diameter of saw blades: 100mm~300mm
- Rake angle: -5° ~ $+25^{\circ}$
- Carbide tips width: 1.7mm~6.5mm
- Brazing accuracy: ≤ 0.05 mm
- Thickness of saw blades: 1.0mm~5.0mm
- Speed of brazing : 3.8~6s/per tooth
- General power: 6.0kw
- The width of silver solder foil: 0.5mm
- Water pressure : ≥ 0.3 Mpa
- Air pressure: ≥ 5 KG
- Electricity: 220 V (single phase) 50 Hz (wire bigger than 6mm²)
- Gross Weight: 350KG
- Dimension : 1100mm * 1100mm * 1600mm
- Time of change blades: 8~15s/pcs