



HSC150E

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

Special features

- This machine is a robotic arm wire or strap solder type brazing machine. Stable structure with high brazing speed (about 5.5-10 seconds needed per tooth), high brazing efficiency with 5500-6000 tips per 8 hours.
- The electronic control system automatically realize picking, changing, loading and welding, and the whole process takes 8-15 seconds.
- Standard parts are from well-known brands: OMRON, KEYENCE, Schneider, Airtac, HIWIN and other parts to ensure the high efficiency and stability of the machine.
- Fully automatic teeth selection, feeding, gluing, welding, saw blade replacement.
- Automatic centering system, advanced high frequency heating controller, infrared temperature measuring device, to ensure welding strength and stability.

Options

- Camera inspection system
- Ceia induction heating system



Technical data:

- Diameter of saw blades: with robot 60~150mm
Without robot 60~300mm
- Rake angle: -5° ~ $+25^{\circ}$
- Carbide tips width: 1.5mm~10.0mm
- Tips length: 4.0~15.0mm
- Brazing accuracy: ≤ 0.08 mm
- Thickness of saw blades: 1.0mm~8.0mm
- Strap solder width: 1.5~6.0mm
- Speed of brazing: 5.5~10s/per tooth
- Time of change blades: 8~15s/pcs
- General power: 6.5kw
- Water pressure: > 0.3 KG
- Air pressure: ≥ 0.55 KG
- Electricity: 220V/50Hz
- Dimension: 1450*1300*1700mm
- N.W.: 500KG