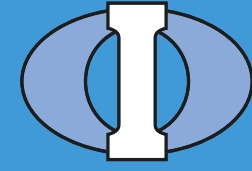




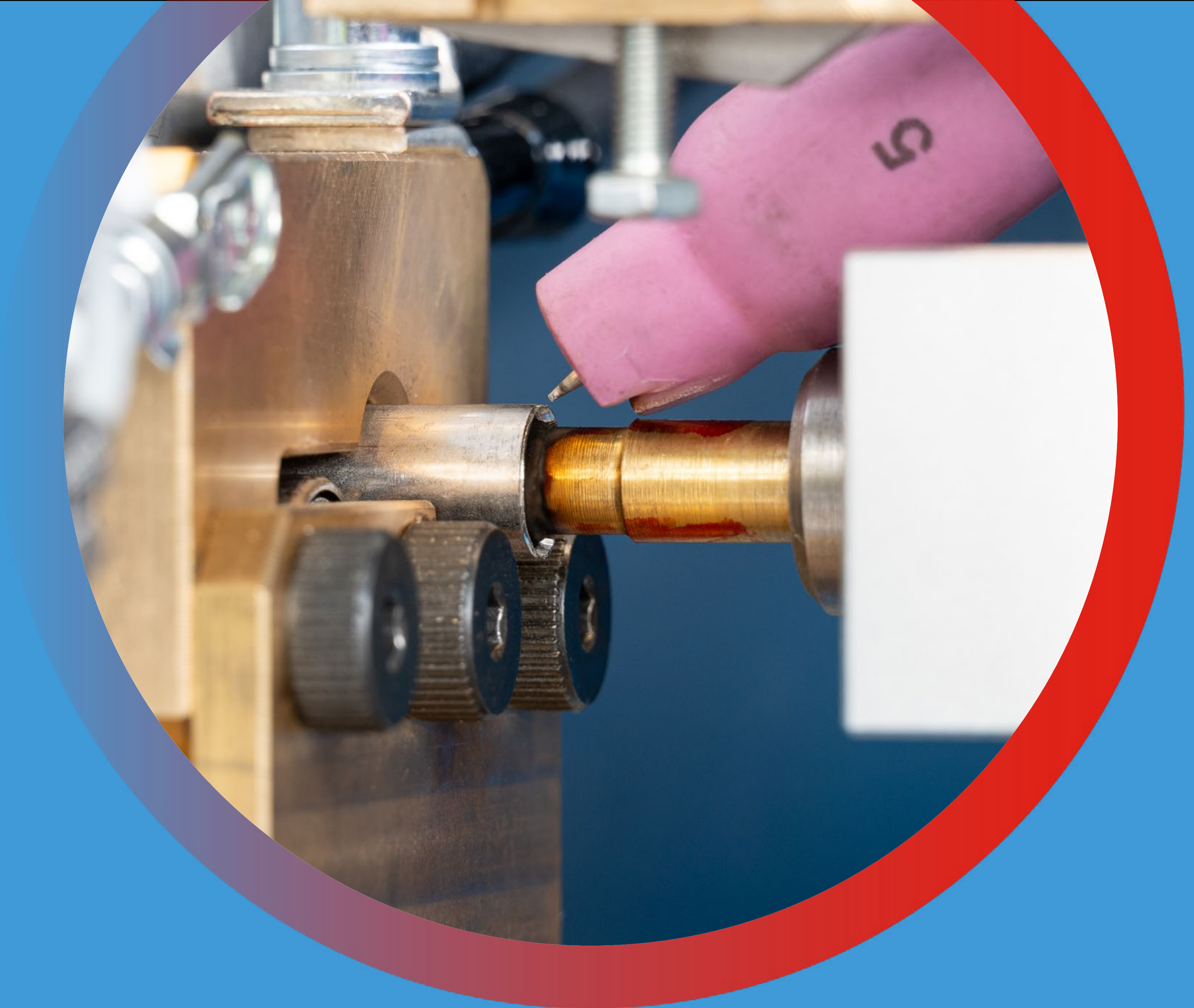
CSM MACHINERY



OAKLEY  
INDUSTRIAL MACHINERY

# Tube End Cap Welding Machine

High-precision tube end cap welding  
machine for defrost heaters and  
cartridge heater components



# Machine composition

- Tube loader
- Tube discharge
- Tube rotation unit
- Cap feeding unit
- Cap positioning unit
- Tube-cap welding unit
- Electrical system
- Gas System
- Compressed air system

The machine is supplied equipped to produce only one format.

The machine can be operated by a single operator.

Operator action is required to:

- The loading of the tubes into the hopper.
- Loading of the caps into the vibro-feeder.
- Emergency situations or automatic cycle blockage.
- Cleaning and maintenance operations.



# Technical characteristics

|                        |      |                             |
|------------------------|------|-----------------------------|
| Cap diameter           | mm   | 9,30                        |
|                        | inch | 0.366                       |
| Tube diameter          | mm   | 10,00                       |
|                        | inch | 0.393                       |
| Minimum tube length    | mm   | 450                         |
|                        | inch | 17.7                        |
| Maximum tube length    | mm   | 4000 (customizable)         |
|                        | inch | 157.5 (customizable)        |
| Machine dimensions     | mm   | 5740 × 1690 × 2165          |
|                        | inch | 226 × 66 × 85               |
| Weight                 | kg   | 1090                        |
|                        | lb   | 2403                        |
| Pneumatic power supply | bar  | 6                           |
| Power supply           | V    | 3F+N+PE, 400V ±10%, 50/60Hz |
| Installed power        | kVA  | 10                          |
| Gas supply             | bar  | 3-5 ARGON G 3/8             |

## AVAILABLE VERSIONS

| MODEL         | TUBE LENGTH                       |
|---------------|-----------------------------------|
| 136/50.000000 | 450 - 4000 mm (17.7 - 157.5 inch) |

# Layout

