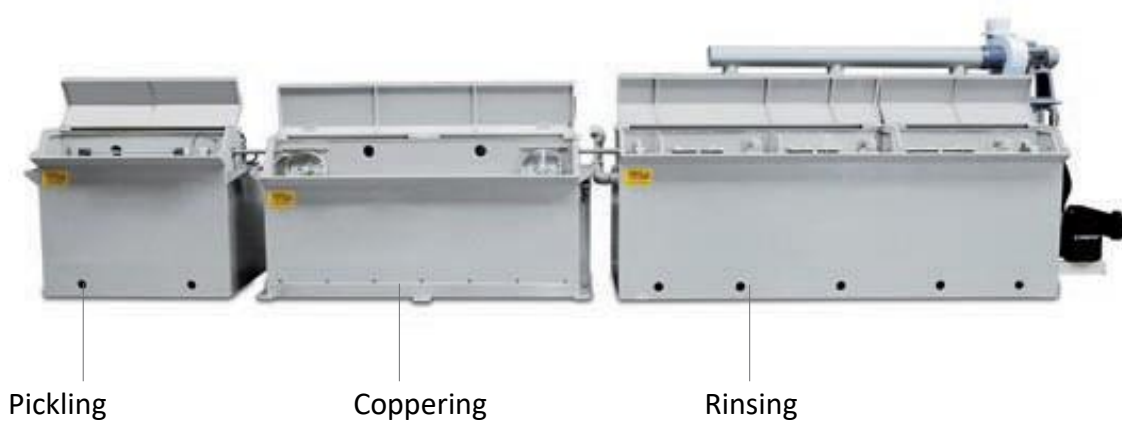


WIRE TREATMENTS TANKS

COPPERING COATING TANK



Suitable for the coppering of welding wires and staple wires.

FEATURES AND PERFORMANCES

- Material to be treated: Welding wire and staple wires, T.S. 100 kg/mm² max, Carbon content = 0,06÷0,15%
- Wires range: from 0,8 to 1,6 mm
- Working pulleys material: ceramic
- Wire speed: 20 m/sec. max

PROCESS

Sections	Capacity (liters) Type of bath
Pickling	400 H ₂ SO ₄ +H ₂ O
Coppering	400 CuSO ₄ +H ₂ SO ₄ +H ₂ O
Air-wiping	20
Pressure rinsing	35 H ₂ O

COPPER COATING TANK

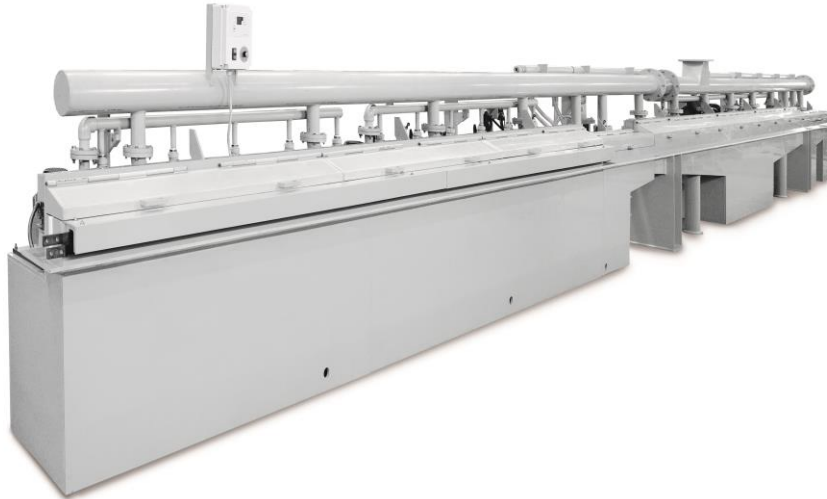


Suitable for the coppering of CO2 and staple wires.

FEATURES AND PERFORMANCES

- Wires range: from 0,5 to 2,0 mm
- Stainless steel AISI 316/L frame
- Pulleys with interchangeable ceramic ring
- Rotating die in skin-pass
- Antisplash guards
- Pneumatic opening/closing
- Prearrangement for fumes suction
- Prearrangement for connection to centralized system

COPPERING TANK FOR SUB-ARC WIRES



Cleaning and coppering tank for sub-arc wires.

FEATURES AND PERFORMANCES

- Speed of the line: 10 m/sec
- Number of wires: 1
- Min. wire diameter: 1,6 mm
- Max. wire diameter: 5,0 mm
- Wire height from the floor: 900 mm
- Length of the electrolytic cleaning bath: 6.000 mm
- Min. time dipped into the pickling bath: 1"
- Pickling bath temperature: 40 °C
- Length of the chemical coppering bath: 6.000 mm
- Chemical coppering bath temperature: 50 °C
- Min. time dipped into the coppering bath: 0,83"
- Total length of the line: 15.000 mm
- Dry drawing machine inlet wire rod diameter: 5,5÷6,5 mm

BATH SEQUENCE

- | | | |
|----|--------------------------------|-----------------------|
| 1. | Electrolytic acid cleaning in | sulphuric acid at 25% |
| 2. | Closed re-cycle double | rinsing |
| 3. | Chemical coppering | |
| 4. | Closed re-cycle triple rinsing | |



5. Air drying

