



[www.candorsweden.com](http://www.candorsweden.com)

## Electrolytic - Single & Multi wire cleaning

Our multi wire cleaning plant cleans the wire very efficiently with a well-proven bipolar electrolytic process.

The plant can be used with alkaline, acidic or neutral processes. The alkaline process is used mainly to remove drawing lubricants from the wire. A typical installation is in front of an annealing furnace. The acid process is intended for removal of oxides and lubricants. Typical installations are in front of a plating process or after patenting.

After degreasing, the wires are rinsed in an efficient multi-step counter flow cascade rinse system. All rinsing sections are equipped with our designed airlift pumps with no moving parts. This contributes low maintenance costs and trouble free operation. Between each treatment step are our patented airwipes, the “Candowipes”. This kind of airwipe reduces the excess of liquid and decreases the consumption of water and chemicals. At the in- and outlet and between each cell, there are dividing guides of wear resistant plastic. As all our plants, it is totally covered and ventilated. A mist separator ensures that clean air is released into the environment.

**All plants are custom built to be adapted to the number of wires, wire dimensions, speed and space available.**

The wastewater generated in the degreasing process can then be treated on site and discharged.



**candor**

Sverige / Norge / Danmark / Finland



View of cleaning plant

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### Technical specification

Wire dimension:     $\varnothing$  0,3-12,0 mm

Wire material:     Low and high carbon steel, stainless steel, copper and copper alloys

Speed:             Multi wire < 300 m/min, Single wire < 20 m/s

Residuals removed: Dry lubricant soap (calcium and sodium), oil and emulsion

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#### **Candor Sweden AB**

Box 946  
SE 601 19 NORRKÖPING  
Tel: +46 11-21 75 00  
Fax: +46 11-12 63 12  
E-mail: [info@candorsweden.com](mailto:info@candorsweden.com)

#### **Candor Norge A/S**

c/o Candor Sweden AB  
Box 946  
SE 601 19 NORRKÖPING  
Tel: +46 11-21 75 00  
Fax: +46 11-12 63 12  
E-mail: [info@candorsweden.com](mailto:info@candorsweden.com)

#### **Candor Kemiske A/S**

Gunhilds Plads 8  
DK 7100 VEJLE  
Tel: +45 70 25 15 33  
Fax: +45 70 25 15 34  
E-mail: [candor@candordenmark.dk](mailto:candor@candordenmark.dk)

#### **Candor Oy**

Hiojankuja 3  
FI 02780 ESPOO  
Tel: +358 9-819 07 20  
Fax: +358 9-81 19 16  
E-mail: [info@candor.fi](mailto:info@candor.fi)