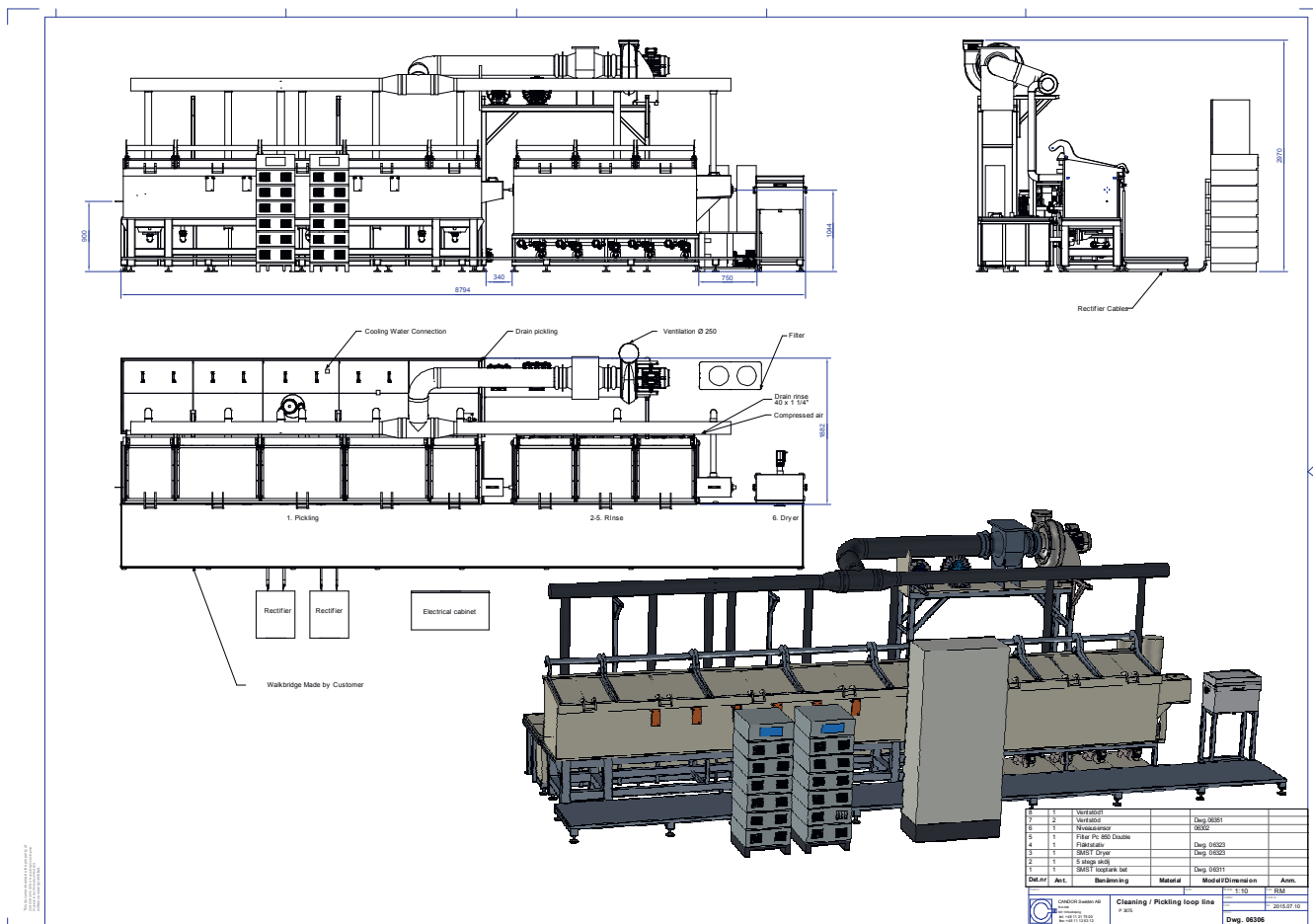


Wire Cleaning & Pickling

Single wire plant for in-line cleaning and pickling

The plant is suitable for in-line acid pickling or as cleaning plant for removal of lubricants and grease from a continuous running wire. The plant uses electrolytic bipolar pickling process. The plant can be used with either alkaline or acidic degreasing chemistry or sulfuric acid for acid pickling process.

Typical applications are any intermediate drawn and/or annealed wire that is in need of cleaning / pickling prior to further process. The line is also suitable for various surface preparations prior to other process like copper coating, plastic insulation coating, hot dip tinning and galvanizing or as general cleaning.

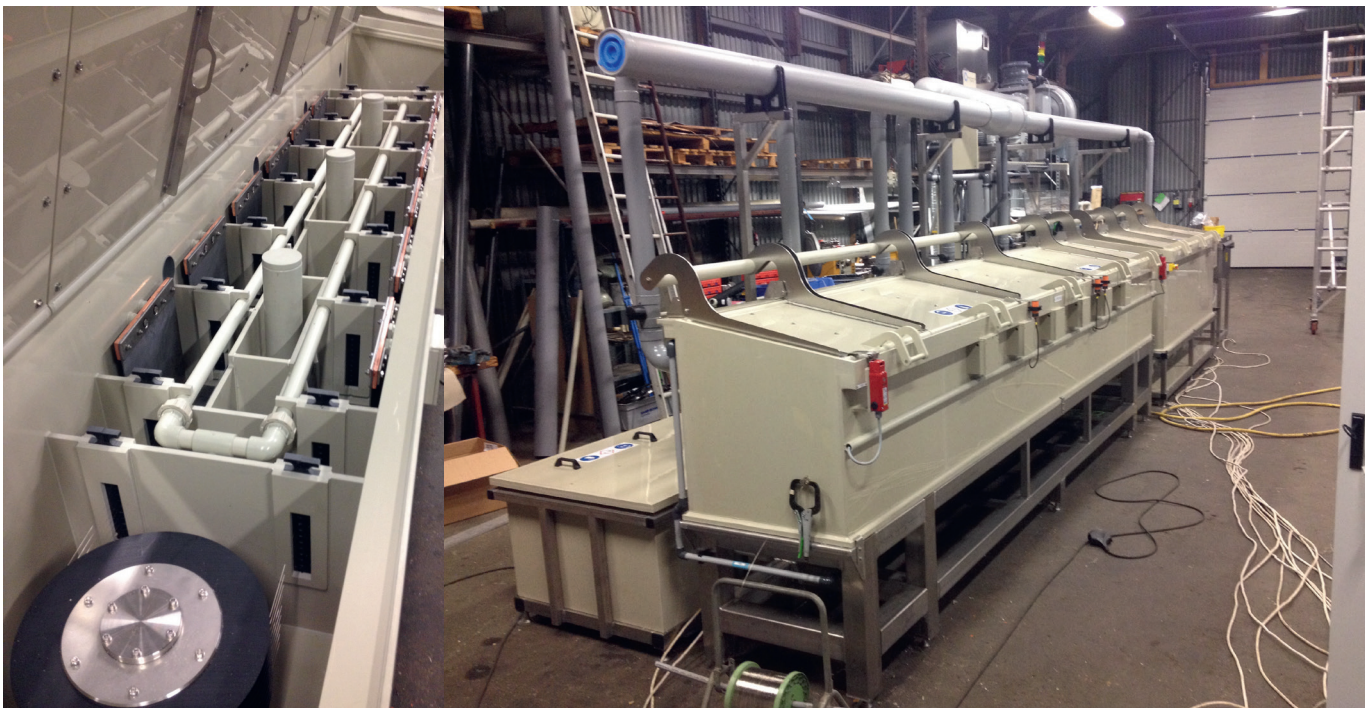


General

The plant is complete with pumps, heaters, automatic level control and temperature control by over heat protection and chilling coil. The plant is equipped with a powerful 15 V / 6000 A rectifier (separated in two units for uniform current distribution). The plant is fully ventilated and equipped with mist separator. The wire will be rinsed in a efficient 5-step spray rinse with efficient air wires after each process. The wire will be dried by a hot wind dryer.

Technical specification

Wire dimension:	∅1,0-4,8 mm
Number of wire:	1
Wire material:	Low to Medium carbon steel, Stainless Typical CHQ wires, drawn and annealed or other wires with scale finish
Speed for pickling the wire:	depending of application 50-600 m/min
Pickling temperature:	30-60 degrees Celsius
Immersed wire in pickling:	48 m
Rectifier capacity:	2 x 15 V / 3000 A (Total 15 V / 6000 A)



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