

Ultrasonic wire cleaning – High speed

The plant is used for cleaning cleaning wire in-line with hot dip galvanizing furnace.

Our ultrasonic cleaning plant makes use of cavitations in an aqueous solution for great cleaning effectiveness.

The efficiency of the technology reduces or eliminates the needs for strong chemicals. Wire, cables, rods and items that may be difficult to clean by other processes are ideal for ultrasonic cleaning.

After cleaning the wires are rinsed in an efficient multi-step counter flow cascade rinse system.

Between each treatment step our patented airwipes “Candowipes” are placed. This kind of airwipes reduces the excess of liquid and decrease 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 designed to be adapted to the number of wires, wire dimensions, speed and space available.

Ultrasonic cleaning unit





Backside of ultrasonic cleaning plant.



Multi wire degreasing treatment tank.

Technical specification

Wire dimension: $\varnothing 0,3-12,00$ 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