

- Multi Substrates: Steel, Stainless Steel, Aluminum, Copper, ...

- Multi Processes :

- Roll-dip-spray coating

- Degreasing

- Pickling

- Infra red & induction heating

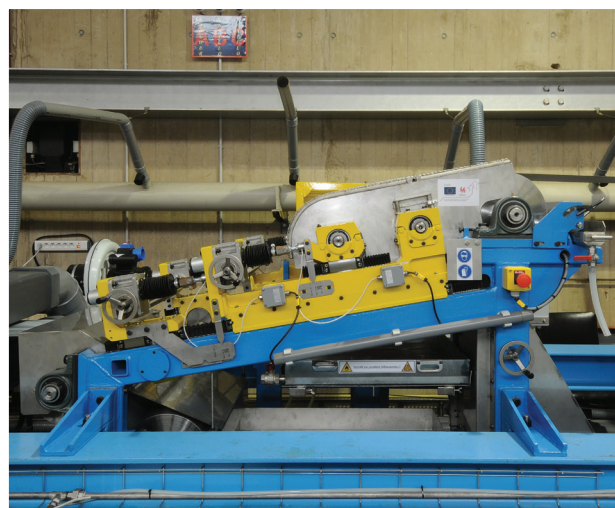
- Advanced surface treatments,

- Surface preparation before coating

- Hot and cold air drying

- Electrodeposition (Zn, Sn, ...)

- Environmental friendly new processes & products



*“To develop environment friendly processes & products  
for a sustainable future is our priority”*



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The bridge between  
science & market



Pilot line CASTL - **C**ontinuous **A**dvanced **S**urface **T**reatment **L**ine

*“A very flexible, modular & powerful tool”*





## Pilot line CASTL - Continuous Advanced Surface Treatment Line

### TECHNICAL FEATURES

- > **Multi Substrates:**  
Steel, Stainless Steel, Aluminum, Copper,...
- > Thickness: 0,2 mm to 1.5 mm
- > Width: up to 300 mm
- > Coil inner diameter: 508 or 610 mm
- > Coil weight: up to 3 tons
- > **Max line speed: 180 m/min**

### ELECTRODEPOSITION

- Zn, Sn, Ni,...
- > Cells: Radial (DSA or soluble anodes)  
Horizontal flash cell
- > Baths: Sulfate or chloride

### SURFACE PRETREATMENT

- > Degreasing / Pickling
- > Brushes
- > Sprays (normal and high pressure)
- > Electrolytic cleaning and pickling
- > Ultrasonic process section

### COATINGS

- > Roll coater
- > Spray & squeeze
- > Dip coating
- > Wet thickness control

### DRYING AND CURING

- > Induction heaters (100 + 150 kW)
- > Hot and cold air dryers
- > Infra red lamps

### HIGH MODULARITY AND FLEXIBILITY

- > Very easy to add new process sections
- > Several pass lines
- > In line sampling and recoiling possibility
- > Tailored to your process needs

### ENVIRONMENTAL FRIENDLY

- > In line fumes treatment
- > Solvent free coatings
- > Waste water collection and treatment

### CASTL LINE DESIGNED FOR:

- > New surface treatments and functionalities development
- > New product/process validation
- > Environment and durability improvement

