

CASE

STUDY

Galvasid
(Apodaca - N.L. - Mexico)



In the first half of 2017, Galvasid awarded one contract to CMI, to undertake the new continuous coating line (CCL), in Apodaca (Nueva León - Mexico). Ingeteam Power Technology was selected, in consortium agreement with CMI, as the main supplier of the electric and automation equipment, including Level II supply.

The main technical characteristics of the new line:

- Production capacity: 200.000 Tn/year.
- Incoming material: Cold rolled steel galvanised steel.
 - *Width: 610-1575 mm.
 - *Thickness: 0,18 - 1,3 mm.
 - *Int. diameter: 508 / 610 mm.
 - *Outer diameter: 2.134 mm.
 - *Weight: max. 33 Tn.
- Outgoing material: Building industry, general industry, house appliances.
- Line process speed: 150 mpm.

The following supplies and works will be carry out by Ingeteam Power Technology S.A. for the electrical equipment of the Continuous Coating Line:

- AC equipment: kinematic drives equipment with corresponding motors, AC/AC converters for auxiliary variable speed drives.
- Main control systems (ControlLogix) and safety PLC.
- Human machine interface (Factory Talk).
- Communication with other subsystems: Sticker, Gauges, Heating Recovery, Primer/Finish/Clear Coater, Marker, Oiler - Level II.
- Main operator desk and control panels.
- UPS + auxiliary voltage distribution.
- Auxiliary equipment: field sensors, etc.
- Interfaces with other subsystems.
- Basic and detail engineering.
- Commissioning.
- Training.

Continuous Coating Line

