



Hot Dip Galvanizingline 2

Arcelor Mittal Poland, PL, 02/2008–02/2009

PRIMARY



ArcelorMittal Krakow the biggest steel producer in Poland employed about 10,500 People in January 2008. Due to the made investments made in 2004-2007 ArcelorMittal is one of the most modern steel plants of Europe.

Inside the plant area of ArcelorMittal Krakow a huge space was freed by the deconstruction of an old steel plant. At that place, a new Cold Rolling Mill is planned to be erected for continued processing of products coming from the existing Hot Strip Mill (HSM).

As first step of the erection of the new Cold Rolling Mill another new Hot Dip Galvanizing Line (HDGL) was foreseen. Further extension with additional Hot Dip Galvanizing Lines and Hot Rolling Mills was considered by ArcelorMittal Krakow.

The project parameters are:

- Capacity : 500.000 t/a
- Coil measurements: width: 500 – 1650 mm
- Thickness: 0,4 – 2,00mm
- Zinc layer: 60 – 500 g/m²
- Process speed : 200m/min
- Max. Coil weight : 34 tons

Principal project data

Erection of new Hot Dip Galvanising Line, including:

- 16.500m²
- 2 uncoilers
- laser welder
- alcalic precleaning
- horizontal furnace
- zinc bath: 240 tons
- air knives
- height of tower: 53m
- zinc thickness gauge
- skin pass: 10.000 kN roll stress
- surface treatment...

Scope IPS

Project Preparation

- project definition
- specification of technological and auxiliary equipment
- tendering
- construction planning and control
- time scheduling

IPS operational unit(s)

- IPS Germany GmbH

