Group - IPS
Industrial Projects Services

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New Tandem Mill

Arcelor Profil Luxembourg S.A., Luxembourg, 09/2002 - 01/2005

PRIMARY | EUROPE | PROJECT REALIZATION

ArcelorMittal

Principal project data

Construction of a rolling mill (medium section mill) for the production of beams, angels and u-shapes

- Capacity: 800.000 t/y
- New bays (75.000m²)
- Project duration of 28 month

Scope IPS

Project Realisation

- Project definition and coordination
- Time schedule
- Financial tracking
- Layout Coordination
- Photo- and overall CE documentation
- Basic engineering
- Detailed engineering
- Safety coordination
- Project and site management
- Permitting
- Procurement / Contracting

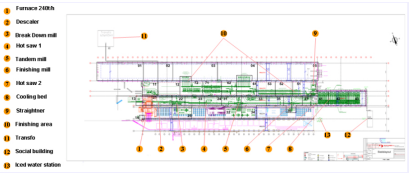
IPS operational unit(s)

- IPS Belgium sa
- IPS Germany GmbH

After fusion of the steel producers in Arbed, Aceralia and Usinor. Arcelor made a strategic decisions about the production capacities of beams and beam blanks in Luxembourg. Therefore, a new Hot Rolling Mill was built on the site of Esch-sur-Alzette.

Semi finished products of the existing steel plant with electrical arc furnace will be transported by roller tables to the walking beam furnace of the new line. The material will be heated up and rolled in 3 rolling mills (breakdown, tandem and finish mill stand). After cooling, the products will be levelled and cutted in different lengths according to the demand of the customer and delivered by truck, or train.




1 Furnace 240t/h
2 Descaler
3 Break Down mill
4 Hot saw 1
5 Tandem mill
6 Finishing mill
7 Hot saw 2
8 Cooling bed
9 Straightner
10 Finishing area
11 Transfo
12 Social building
13 Iced water station

