

ArcelorMittal
Flat Carbon Europe

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PR-BR-EPS-EN - 09/2012 - Cover: Alain Sauvan - Hot rolling mill - ArcelorMittal Fos-sur-Mer; Back cover: Alain Sauvan - Loading hot rolled coils - ArcelorMittal Fos-sur-Mer dock

Flat Carbon Europe



ArcelorMittal

Steel for Oil & Gas Pipes

Mill information



30 years
Steel for Oil & Gas Pipes



All new Bremen crop shear

The world's biggest, it is capable of shearing 76 mm thick transfer bars. This results in greatly improved toughness properties on heavy walls.

Courtesy of Butech Billes

Our mills
ArcelorMittal Bremen (Germany)



ArcelorMittal Bremen

Bremen industrial assets

- 2 blast furnaces (fully revamped in 1999 and 2008)
- 1 desulphurisation station
- 2 converters
- 1 continuous caster with vertical mould and 2 strands
- 1 hot strip mill (capacity = 5 Mt/year)
- 7 finishing stands
- New crop shear (2010)
- 3 downcoilers (last one built in 2008)
- Automatic surface inspection (ASIS)

Bremen certifications

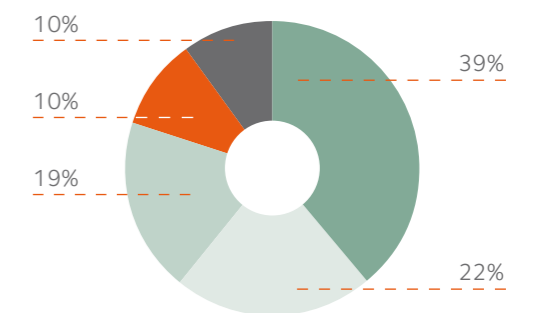
- ISO TS 16949
- ISO 14001
- EN 16001 (2009)
- OHSAS 18001 (H&S)
- Lloyd's Register

Bremen strengths

- Up to X80PM-PSL2
- Large widths: up to 2000 mm (78.7")
- Heavy thickness: up to 25.4 mm (1")
- Heavy coils: up to 45 metric tons
- Excellent BDWTT in heavy gauges

API grades

- 750 kt delivered (2005-2010)



Bremen order book



ArcelorMittal Bremen

Like all our facilities, Bremen enjoys direct access to the harbour, facilitating iron ore sourcing and final product shipping.



Downcoiler #3 installed in 2008. Able to handle heavy wall coils (up to 25.4 mm in X80).

ArcelorMittal Bremen

30 years
Steel for Oil & Gas Pipes



High density cooling on the hot rolling mill at Fos-sur-Mer

Alain Sauvan

Our mills

ArcelorMittal Fos-sur-Mer (France)



ArcelorMittal Fos-sur-Mer

Fos industrial assets

- 2 blast furnaces (revamped in 2007 and 2011)
- 1 desulphurisation station
- 2 converters
- 2 continuous casters with vertical mould and 2 strands
- 1 hot strip mill (capacity = 5 Mt/year)
- 7 finishing stands
- 4 downcoilers (last one built in 2006)
- Automatic surface inspection (ASIS)

Fos certifications

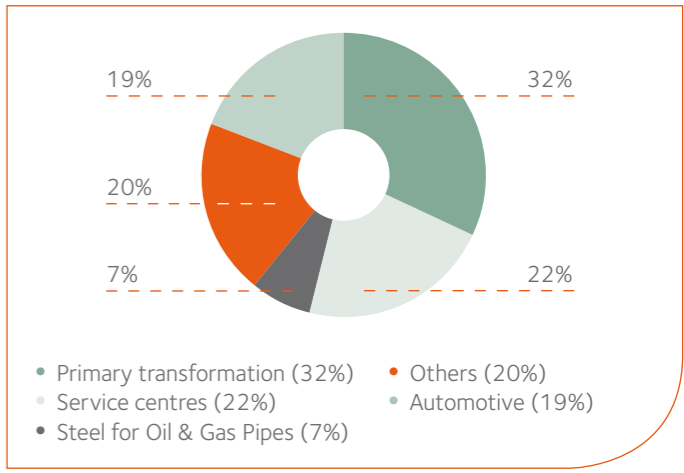
- ISO TS 16949
- ISO 14001
- OHSAS 18001 (H&S)
- Lloyd's Register

Fos strengths

- Up to X80M-PSL2
- Large widths: up to 2146 mm (84.5")
- Heavy thickness: up to 30 mm (1.18")
- Heavy coils: up to 40 metric tons
- Excellent BDWTT in heavy gauges
- Extra low sulphur

API grades

- 1.5 Mt delivered (2005-2010)



Alain Sauvan

Fos-sur-Mer performs a double desulphurisation and Si-Ca treatment. HIC-resistant steels have been produced there for 20 years.

30 years
Steel for Oil & Gas Pipes



Hot rolling mill - ArcelorMittal Krakow

Our mills

ArcelorMittal Dabrowa & Krakow (Poland)



Dabrowa industrial assets

- 2 blast furnaces
- 1 new desulphurisation station (2011)
- 2 converters
- 1 continuous caster with vertical mould

Krakow industrial assets

- 1 hot strip mill (capacity = 5 Mt/year)
- 6 finishing stands
- 2 downcoilers
- Automatic surface inspection (ASIS)

Krakow certifications

- ISO TS 16949 (planned in 2012)
- ISO 14001
- Lloyd's Register

Krakow strengths

- X70M-PSL2 in production
- Large widths: 1000 - 2040 mm (39.37" - 80.3")
- Heavy thickness: up to 20 mm (0.79")
- Heavy coils: up to 35 metric tons

Krakow benefits from up-to-date equipment, and is now developing API grades with the help of ArcelorMittal expertise.



The Krakow hot rolling mill was commissioned in 2007.