



Hot rolled flat products

for pipe manufacturing

Being an essential part of field infrastructure, OCTG and line pipes must be made from steel products of high and stable quality.

Severstal has a huge experience in producing flat products for OCTG and line pipes in accordance with API 5L and API 5CT standards.

Our priorities & advantages

- Favorable geographical location, close to ports (multimodal deliveries)
- Wide range of products including unique branded products
- End-to-end quality inspection through all production stages, i.e. from raw materials mining and steelmaking to large diameter pipe production
- Product certification to Russian and international standards
- Severstal is certified to ISO 9001, ISO 14001, ISO 45001

Corrosion resistant flat products

Using of corrosion resistant steel grades instead of traditional steel grades ensures a multiple increase of operational lifetime and reliability of oil and gas pipes used for production and transportation of hydrocarbons in severe climatic and environmental conditions.

The use of this product enables to reduce the pipeline maintenance costs, as well as expenses related to prevention and localization of emergency situations.

Cold resistant flat products

The cold resistant flat products and pipes are used for development of oil and gas pipelines in extreme cold outside conditions. Severstal (Plate Mill 5000) manufactures high quality hot rolled plates for severe cold conditions.

Contacts

Aleksandr Kulikov
Head of LSAW sales
Tel: +7(925) 122-88-43

ao.kulikov@severstal.com

pipe@severstal.com
www.severstal.com



Hot rolled coils are produced at Mill 2000

Hot strip Mill 2000 was commissioned in 1973. Major consuming industries are oil & gas industry, automotive industry, mechanical engineering and constructions.

Production development milestones:

- 2011: Coiling machine modernization (up to 25 mm coil thickness production)
- 2012: Parsitek installation (surface defect automatically identifying system)
- 2019: Laminar system reconstruction (mech. property uniformity & stability)
- 2020: Rolling stand modernization (ensuring narrow tolerance)

Severstal is able to produce almost all range of API steel grades in hot rolled coils.

Product range

Capacity	6 mln tpa
Thickness	3 - 25 mm
Width	950 - 1830 mm, *mill edge
Coil weight	up to 32 Mt
Internal diameter	850 mm +/- 40 mm
Steel grade	Up to X70 for sour service up to X52MS S275 - S420

Hot rolled heavy plates are produced at Mill 5000

Plate Mill 5000 was commissioned in 1985 and acquired by Severstal in 2000.

Major consuming industries are oil & gas industry, shipbuilding, bridge construction, automotive industry and mechanical engineering.

Production development milestones:

- 2001 - 2005: increase in capacity from 180 K tpa to 450 K tpa
- 2005 - 2007: capacity growth to 800 K tpa
- 2008 - present time: product mix improvement

Product range

Capacity	800 K tpa
Width	1,500 - 4,800 mm
Steel grade	Gr.B-X100, L245M-L690M for sour service up to X70MS S275 - S460
Length	4 - 30 m
Thickness	10 - 450 mm