



AK Steel

Mansfield Works

OUR FACILITY

Mansfield Works is located on a 548-acre site in north central Ohio, approximately a one hour drive north of Columbus. The facility's stainless steel melting, casting, and hot rolling operations are housed in more than 1.6 million square feet of manufacturing space. Mansfield's facility features a thin slab caster that uses an advanced technology production system to meet exact customer specifications.

At full utilization, the plant's specialty steel melting capacity exceeds 600,000 tons per year.

MAJOR PRODUCTION FACILITIES INCLUDE THE FOLLOWING:

- Two electric arc furnaces
- Argon-Oxygen Decarburization unit
- Ladle metallurgical facility
- Thin slab continuous caster
- Walking beam slab furnace
- Six-stand hot roll mill

OUR PRODUCTS

Steels from Mansfield Works include: semi-finished hot bands, high chrome ferritics and martensitic stainless steels.

All offer a wide range of corrosion and oxidation resistance, strength and hardness, as well as fabricating and welding benefits and come in a variety of widths and gauges, including:

Ferritic (Chrome) grades are used in applications that need to withstand extreme heat and corrosive conditions. Ferritic stainless steels include 409 and 439, stainless steel used for heat exchangers, furnace liners and automotive exhaust systems.

Martensitic (Chrome) grades that contain higher levels of carbon than ferritics and are used in applications that require increased hardenability.

The specialty flat rolled steels produced at Mansfield Works meet the demands of an array of complex end-use applications; automotive, fuel and safety systems, appliances, cutlery, heating, ventilation and air-conditioning (HVAC) equipment, and processing equipment.

QUALITY

Mansfield Works has earned ISO/TS-16949 and ISO-9001 certification. The plant is also a recipient of several customer quality and service awards.

SAFETY FIRST AND FIRST IN SAFETY

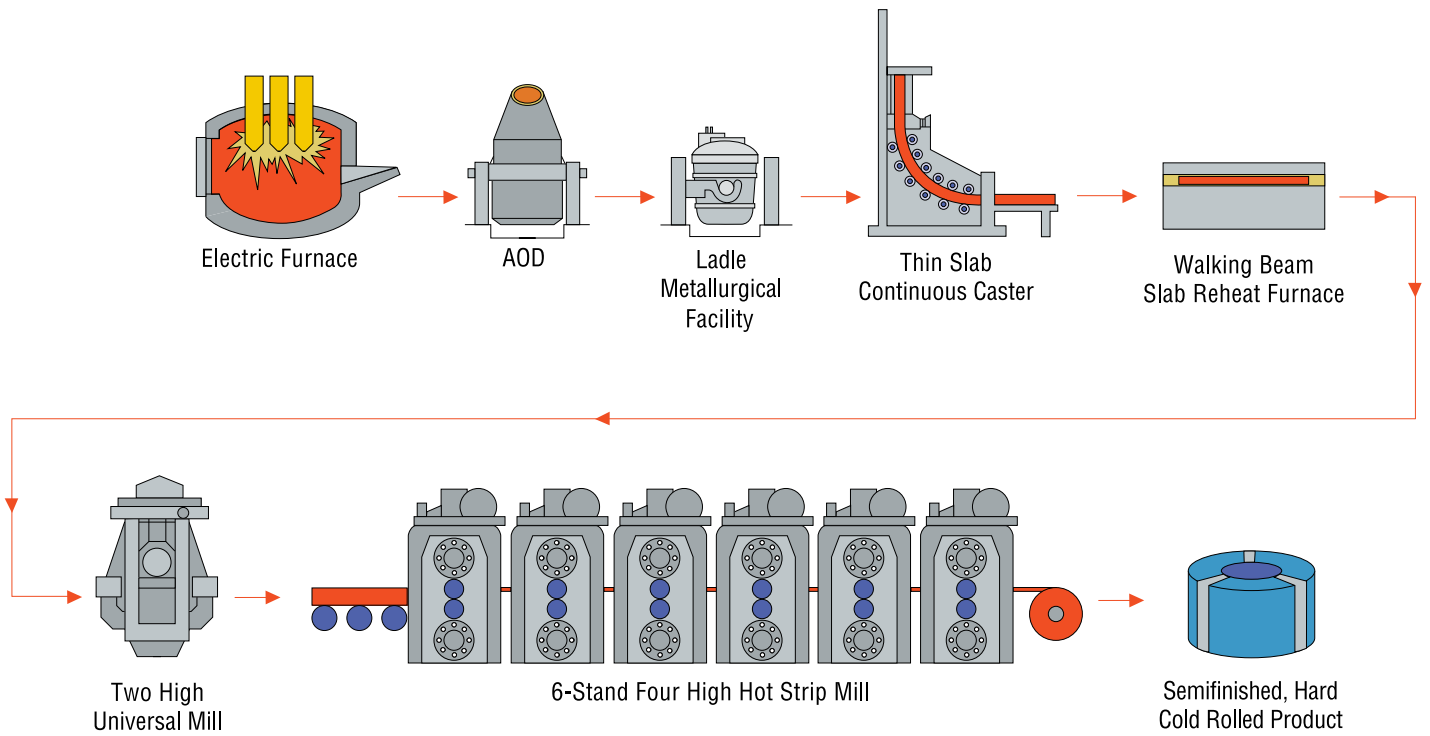
With the most comprehensive safety programs in the steel industry, AK Steel leads the industry in safety.

PRODUCT INFORMATION

Contact an AK Steel sales representative for chemical composition, mechanical properties, gauge and width ranges, mill limits and other detailed product information. Call 800.331.5050 for customer service.

[VIEW PRODUCTION FLOW PROCESS >>](#)

MANSFIELD WORKS STAINLESS STEEL PRODUCTION FLOW PROCESS



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