Joint Stock Company
"Mogilev metallurgical works"
The main products manufactured by JSC MMW:

- Electro welded straight-line-seam State Standard 10704-91/State Standard 10705-80;
- Steel tubes for water and gas supplying State Standard 3262-75;
- Profiles State Standard 8639-82, 8645/ State Standard 13663-86;
- Profiles State Standard 30245-3;
- Shaped tubes according to DIN EN10219, steel S235JRH;
- Chilled iron grit and shot by GOST 11964-81;
- Chilled iron grit with a special sowing of EN standard
- Ballast chilled iron shot (5,0; 6,0) in accordance with Technical Conditions TY BY 700123720.010-2013;
- Aggregate for heavy concrete with Technical Conditions BY 700123720.054-2013.
- Manholes of types A15, B125, C250 manufactured under the GOST 3634-99, EN 124-1994;
- Rough axles for railway rolling stock by GOST 33200 and EN 13261.
Electro-welded steel pipes and profiles

Profile Steel Tubes (rectangulars, square) (GOST 13663 /8645 /8639) (DIN EN 10219-1,2).

Used for metal constructions of general application, and also in furniture industry. Tubes are produced from steel with chemical composition according to State Standard 380-94, State Standard 1050-88, EN 10020. Wall thickness 2,0-5,0 mm. Sizes: 20x20 – 100x100 mm.

Steel tubes for precision field of application (DIN EN 10305-(round, characterized by more accurately determined limit deviations)

Used for metal constructions of general application, in furniture industry and at the enterprises of mechanical engineering. At the customer's request, 100% pipe testing by hydraulic method. Tubes are produced from steel with chemical composition according to EN 10020. Wall thickness 2,0-5,0 mm. Outside dimension - 18-102 mm.

Production capacities allow to produce up to 10 000 tons pipes per month
Chilled iron grit and shot are manufactured in accordance with GOST 11964-81 and iron casting (GOST 3634, EN 124), cast iron and re-cast iron (GOST 4832, GOST 805), Iron manholes of access gullies GOST 3634-99 EN 124-1994 are used for underground infrastructure, for heat, gas supply pipeline and cable networks of water piping, sewage system. Chilled iron shot are produced in fractions from 05 to 6.0, chilled iron grit - from 03 to 2.2. The main consumers of iron shot are engineering and machine-tool companies, foundries, tool factories, enterprises - manufacturers of electrical equipment. Chilled iron shot and grit aggregates designed to fill ballast capacity, manufacturing balances and etc. Bulk density of chilled iron shot and grit aggregates is no less than 2100 kg/m³
Aggregate for heavy concrete numbers 2,8 and 3,2 designed to production concrete with a density of 2,600 kg/m³ including for using in the construction of nuclear power plants. Bulk density of aggregate for heavy concrete is no less than 4200 kg/m³.

Manhole covers for underground engineering utilities: thermal, gas and cable networks, water supply, sewerage, as well as rainwater drainage canals on JSC «MMW» are produced in according to GOST 3634, EN 124, including the customer's drawings.

Iron manholes are subjected to acceptance, periodic and type tests. The acceptance tests verified appearance hatches, their mechanical strength (the body and cover are tested under load).

Iron foundry is produced by GOST 4832 and is used at metallurgical enterprises or in foundries of machine-building enterprises.

Monthly production:
- Iron foundry – up to 450 t.
- Chilled iron – up to 2000 t.
Rough axles are made from continuous casting by hot deformation (forging), subjected to further heat treatment, hot straightening. In order to ensure the purity of the surface of rough axles in line there is a shot-blasting machine, on which the descaling is carried out. Then ultrasonic inspection and required tests are held. The entire production process is automated and carried axes with the latest technology, a feature of the new automated line is the ability to quickly transition to new and different kinds of forgings.

The productivity of the line is up to 40 thousand axles a year.
The forging module includes a hydraulic press with a force of 1100 tons and two manipulators, as well as a furnace - gas heating and furnaces of normalization.

Forging module makes it possible to manufacture steel forgings of various sizes and configurations.

Shafts smooth variable section
D=150÷650 mm; d=150÷600 mm; L до 2500 mm.

Shafts of smooth circular cross-section
D=150÷650 mm; L=1000÷2500 mm

Stoves
A up to 650 mm; h = 150 ÷ 250 mm; L = 1000 ÷ 2500 mm.

Rough axles for railway rolling stock
Competitive advantages

1. Lack of production of rough axles in Belarus.
2. Providing an import substitution strategy for this type of product.
3. The expansion of the product range JSC «MMW».
4. Improving the competitiveness of enterprises.
5. Entering new product markets.
6. Creation of new workplaces.
7. Increase in the sales of products of Belarusian enterprises-subcontractors (JSC «BSW» - as a supplier of preforms).
8. The flexibility and versatility of equipment allows for a short time to switch to the production of other types of products for various purposes.
9. High processability and automation of equipment, reducing to a minimum, the dependence of the technological process on "human factor".
10. The equipment of the line allows produce products in compliance with all national requirements and foreign standards (GOST, DIN, EN, ISO).