

## Production cooperation. Fabrication facilities.



- Fabrication of machine-building, building and other metal works of various applications, including those of high-strength steel for operation under any environmental conditions (up to  $-50^{\circ}\text{C}$  inclusively).
- Weld-fabrication of cylindrical metal works with diameter up to 6 meters by means of electric arc welding.
- Fabrication of cast-welded and welded-forged cylindrical parts weighing up to 300 tons of carbon and alloyed steels by means of electric arc welding with an open-narrow single U-butt weld having diameter 500 to 4300 mm, and length up to 17000, and thickness of a throat up to 500 mm.
- Argon arc welding of titanium with a thickness up to 15 mm. Welding of electroplating baths.
- Electroslag welding of oversized blanks weighing up to 300 tons of carbon and low-alloyed grades of steel having welded section dimensions as follows: 4500x5500 mm and also oversized cylindrical blanks having diameter up to 3200 mm.
- Cutting of casting heads up to 1,5 m in diameter.
- Surfacing of steel with copper and copper-based alloys. Cladding of copper with steel.
- Welding of steels with copper and its alloys.
- Fabrication of welded shells by means of plates milling, plates having width 3600 mm while thickness is 80 mm and more up to the thickness of 180 mm with the corresponding reduction of plate width.
- Manufacturing of highly accurate odd-shaped parts of low-carbon and medium alloy steel plates having thickness 6 to 300 mm and overall dimensions up to 2500x9000 mm at CNC equipped machines.
- Manufacturing of highly accurate odd-shaped parts of corrosion-proof steels and non-ferrous metals having thickness 5 to 45 mm and overall dimensions up to 2500x9000 mm by means of plasma arc cutting at CNC equipped machines.
- Producing of antifriiction, anticorrosive, restoring hardfacing of flat parts and cylindrical surfaces of plungers, rollers, shafts, pistons and others, having diameter 40 to 2000 mm and weighing up to 100 tons.
- Fabrication of building metal works for sheltered threshing-floors, granaries, etc.
- Producing of metal works for various-purpose cranes of various capacity.
- Manufacturing of welded rotors for radial blasting machines.