



RMP

**REMONTNO-MEKHANICHESKOE
PREDPRIATIE**

Russia, Chelyabinsk Oblast, Satka city

1. General information about the company

OOO RMP

Electrical Repair and Mechanical Repair Workshops, established in 1956 and 1966 accordingly, initially were structural units of refractory-producing plant Kombinat Magnezit. In 2011 they were reorganized by spin-off into a legally independent entity – OOO Remontno-Mekhanicheskoe Predpriyatie (OOO RMP).

Today, OOO RMP is one of the biggest in Chelyabinsk Region producers of spare parts and other component parts for mining, machine-building and iron- and-steel industries. Experts of the Company perform all types of repair-installation and construction works of any complexity.

There are 370 highly-qualified experts working at RMP. The Company includes two large complementary workshops: Mechanical Repair Workshop (a foundry area, two mechanical areas, a forging and thermal area and a high-technologies center) and Electrical Repair Workshop (a locksmithing and winding area, a repair area for crushing, grinding and molding equipment, an electro-technical laboratory).

Products of OOO RMP are supplied to miners, machine builders and metallurgists in almost all parts of Russia.

Due to the emerging need, as well as to the availability of skills and expertise from the Company's specialists, OOO RMP is actively involved in works related to the improvement of cities, including production of urban furniture elements (lanterns, poles, benches, bus-stop complexes, urns and etc.).

2. Our facilities

2.1. Our facilities

The Mechanical Repair Workshop is equipped with:

- 1) screw-cutting lathe, planing machine, shaping machine, horizontal boring machine, jig boring machine, turning and boring lathe, universal turning and boring lathe, radial drilling machine, vertical drilling machine, cylindrical grinding machine, flat surface grinding machine, internal grinding machine, rough-grinding machine, longitudinal-grinding machine, facing lathe, slotting machine, knee-type milling machine, vertical milling machine, longitudinal milling and boring machine, longitudinal milling machine, knee-type milling machine, gear-planing machine, gear-hobbing machine, gear-shaping machine, electro-pulse machine, milling-engraving machine, circular cutoff saw, machines for metal cutting, metal-band sawing machine, milling machine, universal tool grinder, equipment to check hardening;
- 2) steam-air forging hammer, pneumatic forging hammer, air forging hammer; electric heating furnaces; forging manipulator, shot-blasting machine, mechanical friction press.
- 3) electric arc furnace and electric furnace for non-ferrous metal smelting, sand recovery line, wood-working lathe, machine for cutting expanded polystyrene.

The Electrical Repair Workshop is equipped with:

screw-cutting lathe, vertical drilling machine, winding machine, drawing machine, pointing machine; waste compactor, hydraulic press for removing bearings, press-shears, washing bath, burning furnace, blowing box, welding machine, pneumatic hammer; shaping machine, capstan lathe, balancing machine, universal-milling machine, crank-type presses, machine for ordinary winding, single-crank press, hydraulic press, hydraulic puller; pipe-bending machine, machine for bending sheet metal, machine for winding of stator sections, stretching machine; arc-welding machine and semi-automatic arc welding machine, crank sheet shears, vibration control stand for bearings, insulation-resistance tester for cables, loading rheostat; foam plastic production line.

The High Technologies Center is equipped with:

- SOLEX machining center, AGIETRON punching EDM, MIKRON vertical machining center, AKIRA SEIKI vertical machining center, AGIECUT EDM.



TURNING AND BORING LATHE

it is intended for machining of large-mass products with relatively small length in comparison with the diameter.

The machine can perform:

- turning and boring of cylindrical and conical surfaces;
- turning of face surface;
- grooving and cutting;
- drilling, hole enlarging, reaming of central holes.

AGIECUT ED

wire-cutting machine

Apart from the outstanding characteristics on the accuracy and roughness of the machined surface, the machine has a number of additional functions that widen its range of features. They include: the option of conical cutting, automatic wire-threading and wire-cutting, automatic positioning of the wire in the center of the hole, at the edge and at the corner while adjusting to the part.





FACING LATHE

it is designed for turning and boring products like rings, disks, short shafts with cylindrical and conical surfaces.

3. Our competences

3.1. Our competences

Machining

Turning, planing, milling, grinding of external and internal surfaces of planar and non-planar geometry; milling of straight and helical gears, worm gear; drilling and reaming of holes; threading and spline hobbing; slotting of grooves, splines and gear. It is possible to perform the technological process from the production of a workpiece in the form of casting, forging and stamping up to the final machining of the piece, using heat treatment at any stage of the process. Restoration of mounting seats and roll surfaces by electric arc surfacing using wear-resistant materials.

High-precision machining using universal machining centers with CNC.

High-precision ED machining by cutting various metals on a machine with CNC.

Foundry

Production of single and small-series shaped castings and forging ingots according to customer's specifications from carbon and alloy steels, cast iron and foundry bronze. The chemical composition of alloys in the smelting process is controlled by Foundry Master Optical Emission Spectrometer.

Installation of protective shells of cone crushers by zinc casting to the dimensions of KMD/KSD-2200-type crushers.

Babbitting of bearings.

3.2. Our competences

Metal structures and products

Felling, bending, rolling, welding of sheet metals including large-sized ones (the length of the rolling is 2200 mm, jointing by welding is possible, the diameter is up to 4500 mm).

Marking, preparation and manufacturing of components, assembling (by welding or using metal hardware) metal structures for various purposes, including large-sized ones (weighing up to 25 tons, the cross dimension is up to 4500x3800 mm).

Heat treatment

Heat treatment (quenching and tempering) is done in chamber and shaft, gas and electric furnaces (11 units available).

Thermo-chemical treatment: pack hardening, nitriding of parts with diameter - up to 600 mm. and with height - up to 900 mm.

Parameter control: hardness measurement according to HB, HRC.

Manufacturing of low-quantity products

Anchors, bolts, washers for individual orders.

All types of repair and installation, and general construction works

3.3. Our competences

Repair of electric motors and transformers

Overhaul of general-purpose industrial electric motors with power range from 0.001 to 1000 kW, voltage up to 6000 V, with any rotation speed and any version, including produced abroad units;

Overhaul of crane, metallurgical and other specialized electric motors of various power;

Overhaul of synchronous electric machines with up to 1000 kW;

Overhaul of DC electric machines with up to 400 kW;

Repair and maintenance of transformers, including oil ones up to 35000 kV. On the site there is Electro-Technical Laboratory (performs functions of Quality Control Department) certified in Rostekhnadzor (Federal Environmental, Industrial and Nuclear Supervision Service of Russia).

Production of expanded polystyrene blocks

In October 2015, the line designed to produce and cut expanded polystyrene was launched.

4. Our production



Mechanical area № 1
of Mechanical Repair Workshop



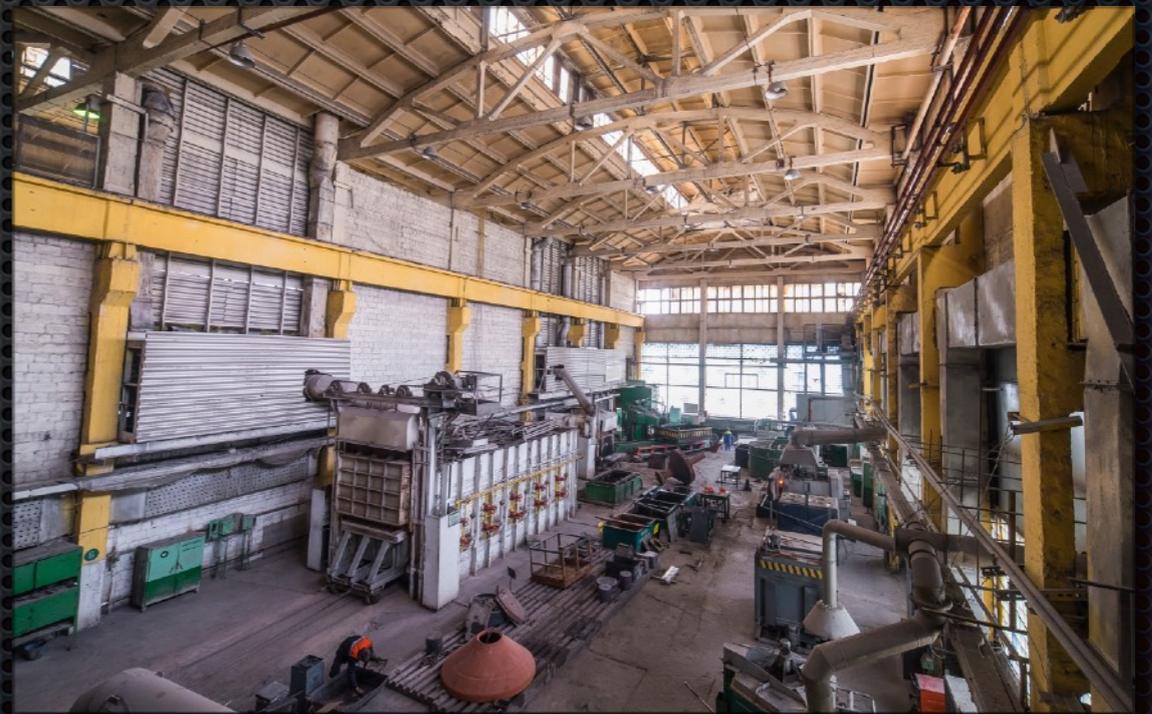


High-Technologies Center





Forging-thermal area
of Mechanical Repair Workshop



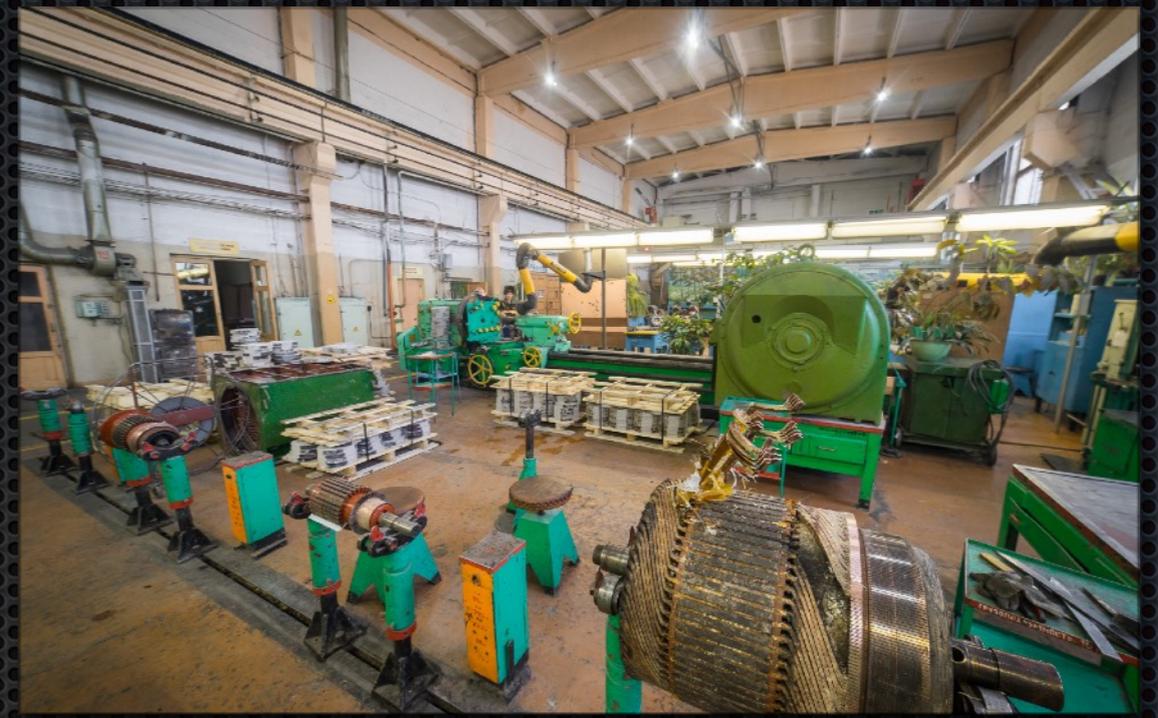


Mechanical area № 2
of Mechanical Repair Workshop





Electrical Repair Workshop



5. Special projects



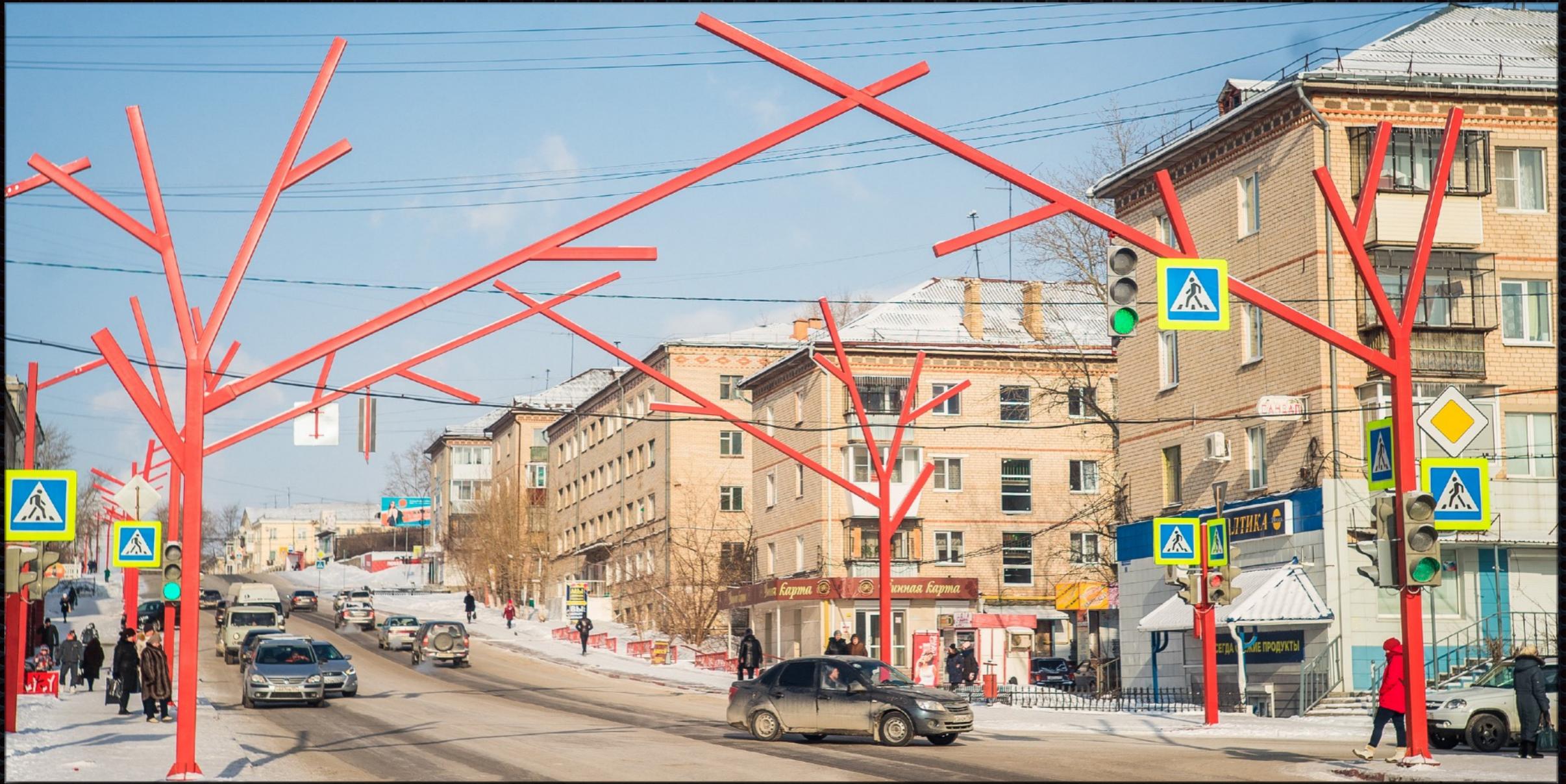
A bus-stop complex





A Tree art object





Amenities



6. Our company details

OOO RMP

OOO Remontno-Mekhanicheskoe Predpriyatie

Taxpayer Identification Number (INN)/ Tax Registration Reason Code (KPP)
7417020838/745701001, All-Russian Classifier of Enterprises and Organizations
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30101810700000000602.

In the person of Managing Director Mr. Leonid Urmashov acting under the Charter.