



2026

ECB DELIVERY

METALWORKING

CONTRACT ASSEMBLY

ENEL operates in three areas:

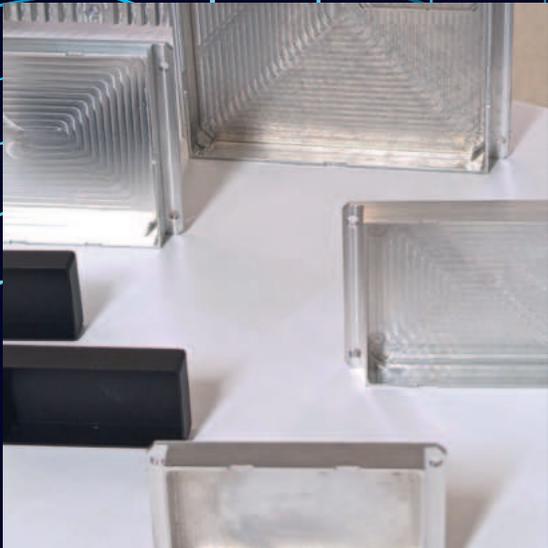
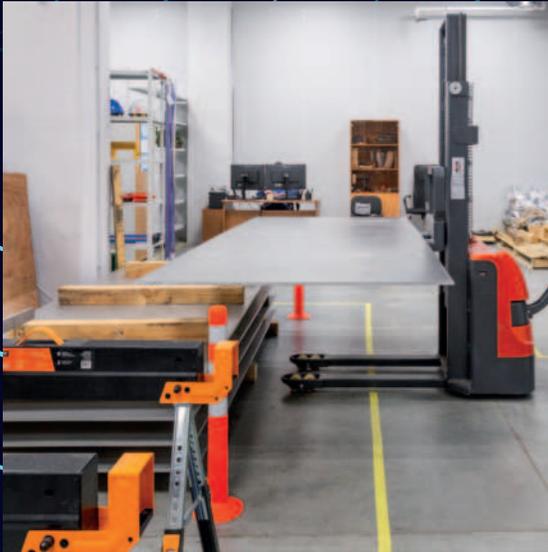
- supply of electronic component base;
- metalworking;
- contract assembly of printed circuit boards.

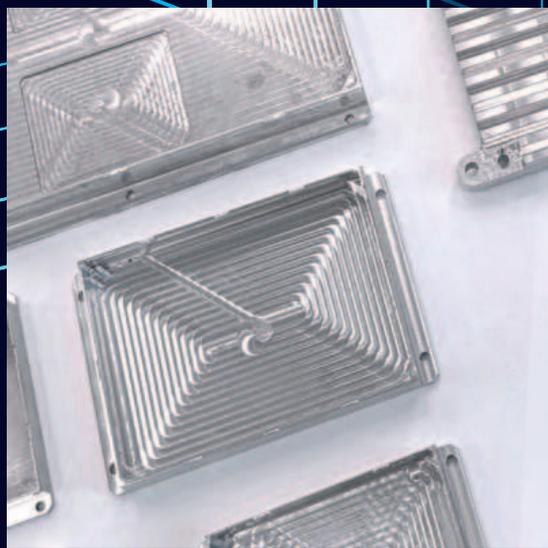
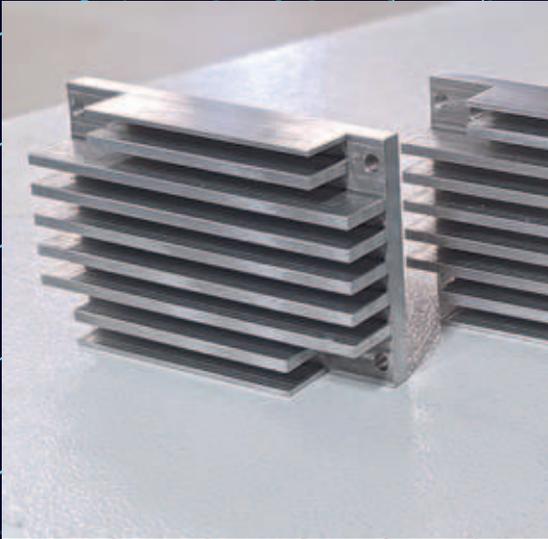
DELIVERY OF ELECTRONIC COMPONENTS

Since 2016, ENEL LLC has been a qualified supplier of electronic components, printed circuit boards, and domestic and foreign consumables, certified by ELECTRONCERT. The organization's quality management system complies with the requirements of GOST R ISO 9001 - 2015, GOST RV 0015 - 002 - 2020, GOST RV 0020 - 57.412 - 2020, ES RD 009 - 2023, ES RD 010 - 2020 for the procurement, storage, and supply of electronic components according to individual EKPS codes.

ENEL supplies foreign and Russian-made electronic components, including complex, scarce, and discontinued items from major distributors. Organizes express delivery of goods and a warehouse for customers. Provides product samples. Performs quality control and product testing both before and after importation to the territory of the Russian Federation.

ENEL LLC is the official representative of a number of leading Russian manufacturers of electronic components.





METALWORKING

- ENEL LLC's in-house metalworking production specializes in the production of enclosures and heat sinks for the electronic industry, as well as other parts of virtually any complexity made of aluminum and copper alloys.
- Modern high-performance equipment allows for the production of products in the shortest possible time without compromising quality.
- Rotary tables for four-coordinate machining allow you to manufacture parts with complex spatial geometry.
- The stages of the production process include interoperational and input quality control. ENEL LLC's quality management system complies with the requirements of GOST R ISO 9001-2015, GOST RV 0015-002-2020, GOST RV 0020-57.412-2020, ES RD 009-2023, ES RD 010-2020 is aimed at ensuring a high level of technical characteristics of the products, which are designed to fully meet the requirements of ENEL's customers.

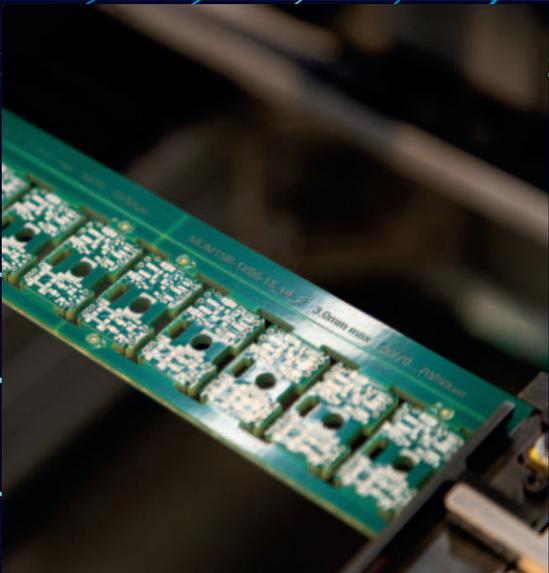
CONTRACT ASSEMBLY

ENEL LLC is a reliable partner in contract assembly of printed circuit boards. Since 2013, the Company has been painstakingly building strong trusting relations with leading suppliers and manufacturers of electronic components, printed circuit boards and consumables. Thanks to this cooperation, ENEL production uses only high-quality components and materials, which are the basis for an impeccable result in production.

We offer a full cycle of contract assembly: from the purchase of printed circuit boards, consumables and PKI, the manufacture of cases, to the final testing of the finished product. The installation of components is carried out both automatically, using a high-performance Juki RS-1R installer (up to 47,000 comp./h), and manually, which allows for a flexible approach to tasks of any scale – from prototypes to mass production.

As part of the production process, we perform the following tasks:

- ■ double-sided mounting on the board;
- ■ installation of BGA components;
- ■ encapsulation and filling with a compound.



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METALWORKING

CONTRACT ASSEMBLY

The reliability and impeccable quality of the finished products are the result not only of the use of first-class materials and a professional approach to assembly, but also of multi-stage control at every stage, including:

- traceability of batches using QR codes throughout the entire production cycle;
- strict quality control, from materials and components to testing the finished product;
- X-ray control of the quality of soldered connections;
- component installation control using SPI (soldering paste application quality control) and AOI (component installation and soldering quality control);
- comprehensive tests, including testing the finished product under normal climatic conditions, testing the insulation strength, climatic tests in heat and cold chambers, and electrothermal training.

Every order of ENEL LLC is carried out, relying on technologies that have been tested by time and extreme operating conditions.

The conviction in the trouble-free operation of the manufactured products allows ENEL Company to move forward with confidence, mastering advanced technologies and constantly improving. That is why the flawless fulfillment of each order is our main priority.

