

UAB OZAS IS A HIGH QUALITY METAL PROCESSING SERVICE PROVIDER

UAB OZAS IS ONE OF THE LARGEST AND MOST CAPABLE MANUFACTURER OF 10 – 0,4 kV ELECTRIC POWER DISTRIBUTION EQUIPMENT IN LITHUANIA

- ❖ We offer complex solutions for a wide range of metal processing “from one source” – from the drawing to the delivery of the final product to the Customer.
- ❖ Our main principle is to be a reliable provider of metal processing services to Lithuanian and foreign partners.





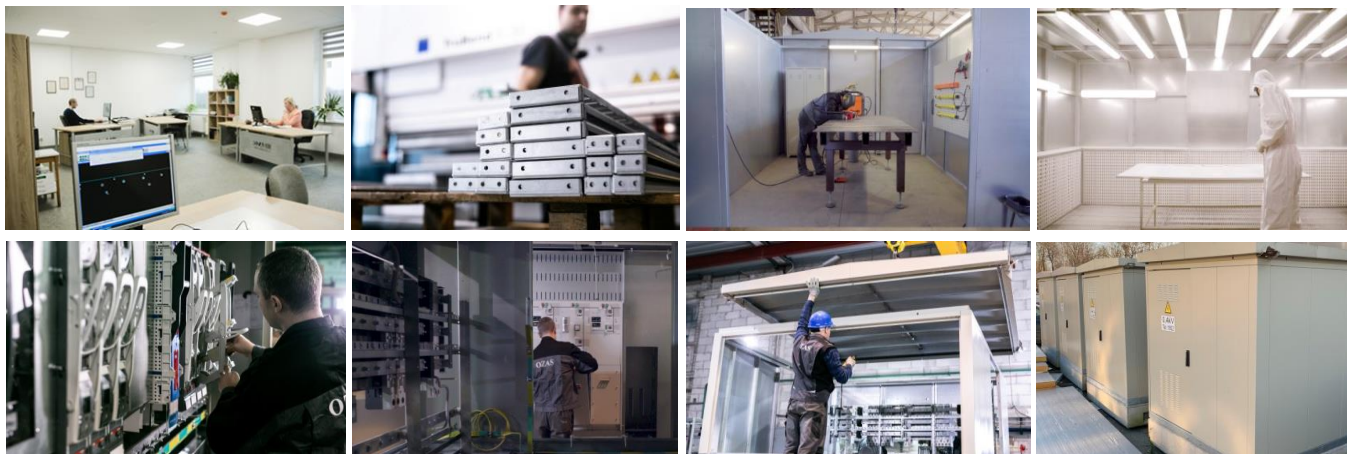
UAB OZAS PROFILE

UAB OZAS started operating in 1946 as the Vilnius Electric Structures Plant. Today the company employs up to 100 highly qualified employees.

Our main production base covers the area of over 8000 sq.m. It consists of separate metal processing, welding, product assembly, powder coating and other workshops.

We perform metal processing using over 50 different CNC machines, presses and other auxiliary equipment.

Our products meet international safety standards and are approved by the certificates of conformity.



Member of the Lithuanian Engineering Industry Association



Member of Vilnius Chamber of Commerce, Industry and Crafts

UAB OZAS is a Metal Processing Services provider

We perform metal processing using over 50 different CNC machines, presses and other auxiliary equipment.

We produce items from hot and cold rolled steel, galvanized sheet metal, aluminum, stainless steel and other metals with special properties. The vast majority of metal processing products are made of various metal sheets with a thickness of 0.3 mm - 20.0 mm and dimensions of 1500 mm x 3000 mm.

Our certified metal Defectoscopy laboratory is accredited to detect defects in all types of welded joints of potentially hazardous equipment, other equipment and metal structures by radiographic and ultrasonic methods, and perform ultrasonic metal thickness measurement, etc.

Our Metal Processing Services:

- ❖ Sheet metal laser cutting;
- ❖ Sheet metal cutting with gas and plasma;
- ❖ Sheet metal bending;
- ❖ Sheet metal rolling;
- ❖ Stamping;
- ❖ Turning;
- ❖ Drilling;
- ❖ Welding;
- ❖ Powder and “wet” coating.



Experienced employees of UAB OZAS perform metal processing services with modern and efficient equipment. This ensures the quality of our products and especially competitive prices..



❖ Sheet metal laser cutting

Stainless steel: up to 15 mm; Steel: up to 18 mm; Aluminium: up to 15 mm; Max. sheet dimensions: 1500×3000 mm

Main machine: TRULASER 5030 FIBER. Laser power: 3000W; Z-axis operating area: 15 mm; Positioning accuracy: ± 0.1 mm / m
Reproduction accuracy: ± 0.05 mm / m; Edge tolerance: ± 0.5 mm

Cutting metal sheets with a new generation laser compared to other cutting technologies has many advantages: high-quality and smooth cut, speed, ultra-thin cut line, minimal thermal impact zone, and the ability to cut extremely complex contours.

❖ Sheet metal cutting with gas and plasma

Steel: up to 100 mm; CNC plasma cutting: up to 12 mm; Tolerance: ± 1.5 mm; CNC gas cutting: up to 100 mm
Max. sheet dimensions: 2000 x 6000 mm

Main machine: CNC OMNICUT 3100. We cut sheet metal not only with plasma but also with gas machines. A set of various machine tools available in our modern production base allows us to cut extremely complex shapes from the sheet.

❖ Sheet metal bending

Stainless steel: up to 6 mm; Steel: up to 10 mm; Aluminium: up to 10 mm; Max. sheet length: 4000 mm

Main machines: TRUBEND 5130 bending machine (Press force: 130 t.); AMADA HFT 130-3 bending machine (Press force: 130 t.). GUIMADIRA bending machine. Maximum length of the part: 2000 mm, thickness: 1 mm – 6 mm; maximum length of the part: 4000 mm, thickness: 6 mm – 10 mm

A set of sheet metal bending machines available in our modern production base allows us to produce high-quality various parts – from the simplest precision bending at an angle to bending products of extremely complex shapes.

❖ Sheet metal rolling

Stainless steel: up to 12 mm; Steel: up to 18 mm; Max. sheet dimensions: 2000 x 6000 mm
Pipe diameter: min. 450 mm – max. 1900 mm

❖ Stamping

Stainless steel: up to 3 mm; Steel: up to 4 mm; Aluminium: up to 4 mm; Max. sheet dimensions: 1270 x 2540 mm

Main machine: AMADA VIPROS 255. CNC punching machine: press force: 19 t.;
maximum length of the part: 1270 × 2540 mm; maximum thickness of the part: 6 mm



❖ Turning

Steel: Ø 50 mm – Ø 2175 mm *

*** Product thickness depends on Ø: minimum thickness: 10 mm; maximum thickness: 100 mm**

Stainless steel (on request); Aluminium (on request).

❖ Drilling

Steel, stainless steel and other metal alloys with specific properties; Aluminium and other non – ferrous metals and their alloys.

Holes: max. Ø 55 mm

Threaded holes: up to M-28

Centre-drilling of round parts (rings, flanges, etc.): up to 3000 mm

❖ Welding

Main welding equipment: MASTERTIG 335 ACDC, SP 250-300.

Welding methods: MIG; MAG; TIG.

A team of welders of UAB OZAS with many years of experience is able to perform the most complex various metal welding works immediately and at the most favourable prices.

Our certified metal Defectoscopy laboratory meets the requirements of LST EN ISO/IEC 17025:2018 and is accredited to detect defects in all types of welded joints of potentially hazardous equipment, other equipment and metal structures by radiographic and ultrasonic methods, and perform ultrasonic metal thickness measurement, etc.

❖ Powder and “wet” coating

Steel, stainless steel and other metal alloys with specific properties; Aluminium and other non – ferrous metals and their alloys.

Main equipment: MONKIEWICZ powder coating line.

Heating chamber: 3000 x 1500 x 1600 mm (length x width x height)

Coating chamber: 4000 x 750 x 1300 mm (length x width x height)

Coating chamber: 2500 x 500 x 1300 mm (length x width x height)

Max. dimensions of the powder coated product: 3000 x 1500 x 1600 mm (length x width x height)

Maximum possible weight of the powder coated product: ~ 200 kg.

We quickly and qualitatively produce and powder coat products in the color chosen by the Customer from the **RAL color chart in series – in smaller and large quantities.**



UAB OZAS is able to provide metal processing services at the most favourable prices.

We produce items from the largest variety of spatial and prefabricated metal structures to small complex details. The precise items for the industry of medical and food metal equipment. Functional items for the transport and decorative metal elements for the furniture industry.



UAB OZAS is one of the largest manufacturer of 10 – 0,4 kV electric power distribution equipment in Lithuania

We manufacture more than 300 different items of 10 – 0,4 kV electric power distribution equipment. We are reliable partners with the variety of products of the highest quality and competitive prices.

We manufacture items with assembly components of specific manufacturers as required by the Customers.

Our Electrical Distribution Equipment:

- ❖ Modular, frame module and other design transformer substations;
- ❖ Medium voltage equipment;
- ❖ Low voltage switchgear:
 - ✓ Cable transit cabinets;
 - ✓ Cable transit cabinets with metering;
 - ✓ Incoming electrical metering cabinets;
 - ✓ Cabinets for multi-apartment buildings;
 - ✓ Lighting control cabinets;
 - ✓ Automation cabinets;
 - ✓ Reactive power compensation devices;
- ❖ Other electric power distribution equipment.



Our electric power distribution equipment customers operate in the energy, communications, gas and oil industries, automotive, railway industries and in their infrastructure development sectors, etc.

UAB OZAS is able to immediately produce equipment in units and series – from the largest variety of transformer substations to small items according to the special requirements of the Customer.



UAB “OZAS”

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Vilnius, Lithuania

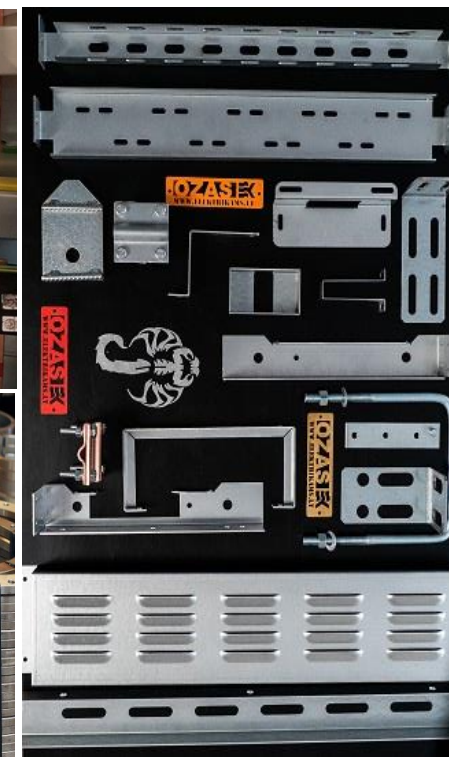
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