



VORSTER

From vision to solution

Vorster is a recognized machine manufacturer and partner in the field of industrial automation.

About company

We have everything to build a machine exactly what you need. The one that will do what you expect!

We are a supplier of complete/finished technologies for the largest global concerns from the automotive industry. We are characterized by many years of experience in the construction of machines and lines for the production of airbags, which is the main area of our activity. Striving for reliability and high quality products, we use components only from reputable brands. We have a modern machine park that enables advanced processing of materials for our own needs and for external customers. Multifunctional machines and devices allow us to meet even the most complex orders.



Offer

We build individual machines as well as complete assembly lines. We actively monitor market development trends looking for innovative solutions and striving to make the best products.

Mechanical engineering

We build machines based on the most effective solutions using the highest quality components. We make sure that they meet the requirements for performance, reliability and security. The scope of services offered by us in the area of machine construction includes:

- > developing the concept of machines and technological lines as well as project implementation (creating technical documentation, production and assembly drawings),
- > construction of complete machines and technological lines, as well as production of parts and components,
- > professional machine assembly, testing and staff training,
- > modernization of existing devices and their extension, technical support and service.



Automation

For many years, we have been implementing projects in the engineering industry for the largest brands in the automation industry. We have competence and experience in the implementation of Siemens control systems, WinCC visualization, OPC servers and many others.

- > programming of Siemens PLC industrial controllers,
- > creating operator visualizations HMI, SCADA,
- > implementation of Cognex and Keyence vision systems and linear drives, among others Bosch, Festo and SMC,
- > configuration, programming and sewing of Brother, Mitsubishi and Juki industrial sewing machines,
- > automation and modernization of clients' machines and devices,
- > conducting trainings in the programming of Siemens PLC controllers.



CNC machining

We have a modern machine park for metals and plastics processing. We make specialized and complicated elements that are components of machines and devices. Our technological facilities allow us to meet the expectations of a wide range of customers, and our specialized staff can meet even the most specific orders. We take care of every detail produced and ensure fast realization times.

- > 5-axis machining,
- > 4-axis machining,
- > 3-axis machining,
- > turning,
- > milling,
- > WATERJET technology cutting,
- > other services (sheet metal bending, MIG/MAG welding, etc.)

Surface treatment

We provide services related to surface treatment, which is an essential element in the production of metal components, in particular machine parts. It increases the quality and resistance of materials and gives the finished parts the desired mechanical properties, which results in longer life. Appropriate surface treatment also determines the final appearance of components and structures made of them.

The scope of our services in the area of surface treatment:

- > aluminum anodizing,
- > rotor-abrasive machining using a centrifugal smoothing machine (roto-finish).



Decorative anodizing



Anodizing, i.e. the process of protecting aluminum components, during which the surface of the detail is covered with a layer of alumina. Among the beneficial aspects of the presence of an oxide coating are protection against corrosion, mechanical damage and protection against the negative effects of various factors. Anodizing also increases the visual and aesthetic value of aluminum. The elements after the anodizing process are pleasant to the touch, do not get dirty so quickly and are characterized by color durability. The surface finish offered by us is soft anodizing, so-called decorative anodizing in natural color, characterized by anode thickness in the range of 5-25 µm. The technical capabilities of our automatic suspension line for anodizing allow to anodize elements made of various aluminum alloys measuring approximately: 2200mm x 350 mm x 1100 mm. A modern laboratory located in our plant allows us to control key processes and parameters as well as check the quality of our services.

Machine park

We have a modern machine park that enables advanced material processing for our own needs and for external customers. Multifunctional machines and devices allow us to meet even the most complicated orders. We are constantly developing our production facilities - our production hall - following news and trends.



5-axis machining center
MAZAK VARIAXIS I-600



4-axis machining center
MAZAK VARIAXIS J-500



3-axis machining center
MAZAK VARIAXIS VTC 820.30



CNC turning center
MAZAK QTS200M

Full list of machines on: www.vorster.pl

Partners:

brother

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