

Vostermans Alu Foundries B.V. is part of Vostermans Companies. This cooperation provides various direct and indirect advantages for the company. This way they can use the know-how and experience of Vostermans Tooling and Prototyping for design, construction and delivery of models and dies. Vostermans Ventilation, the largest sister company of Vostermans Alu Foundries, supplies ventilation equipment to more than 70 countries worldwide and shares her expertise in the field of logistics, finance, quality and personnel as a support for all company activities.

One of the advantages of Vostermans Alu Foundries is that, together with the customer, an optimal solution for the customer can be achieved. As a partner, an early involvement in the development

models, dies and tools. Their extensive network at home and abroad provides an optimal solution for the customer. Finishing and assembling products is also a service they provide. This way, Vostermans Alu Foundries can provide a complete project, from idea to delivery of small and large series.

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process is a first important step in order to be able to produce finished products as efficiently and effectively as possible. Vostermans Alu Foundries possesses all the necessary knowledge and experience, from building prototypes to manufacturing

■ **Complicated castings**



Vostermans Alu Foundries B.V. is a foundry, specialized in manufacturing aluminium high pressure die casting, sand casting and gravity die casting, like parts of electric motors, office furniture and general appliances. Many leading national and foreign companies have already experienced the advantages of Vostermans Alu Foundries:

- Expert consultation and support in the design and development of new casting products
- In-house mould shop with high-grade CAD/CAM technology
- Possibility to manufacture prototypes
- Flexible organization
- Modern technology: spectral analysis, measuring room, x-ray cabin, etc.
- NEN-EN-ISO 9001: 2008 standards
- Upon request we can deliver your product coated, finished, pressed, etc.

■ **Specialized in small series high pressure die casting products**



■ **Industrial products**



■ **Motor and appliances manufacturing**



■ **Aluminium high pressure die casting**

High pressure die casting is a technique, in which liquid aluminium is injected at high speed, under high pressure in a steel die. Our high pressure casting machines, with closure forces of 3.500 kN up to 16.000 kN, are fully automated. The great dimensional accuracy of high pressure die casting eliminates machining of products or at least reduces it to a minimum. Vostermans Alu Foundries is specialized in the production of relatively small series of high pressure die casting products (2.000 – 100.000 pieces per year). The production of small series means that mould change-overs are carried out very often and the cost of the

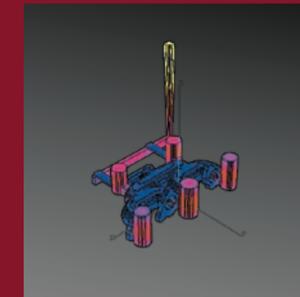
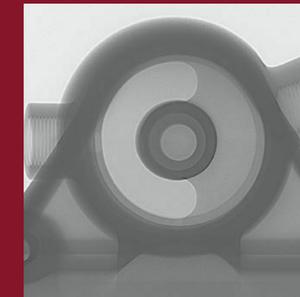


preparation of the product must be kept as low as possible.

To enable the guarantee of a uniform and accurate product quality Vostermans Alu Foundries has acquired a new X-ray machine. The Yxlon MU 2000 offers, by means of the latest techniques, ( i.e. flat panel instead of an image amplifier) extra possibilities to check the production samples immediately and precisely. The real time images are immediately digitally available for the customer.

**SOLUTIONS**

- High pressure die casting
- Sand casting
- Gravity die casting
- Machining
- Prototyping and tooling
- Sand casting models, dies and tools
- Assembly
- Stress calculation
- Filling simulation



Through experience acquired in many segments of the market, Vostermans Alu Foundries is of additional value to her partners, due to her flexible and qualitative attitude. Each application sets its own requirements for accuracy, use of material or strength. Responding to the customer's desires during development, production and delivery of the semi-finished or finished product has become a speciality for Vostermans Alu Foundries. An overview of the most leading market segments clearly shows the wide dispersal in experience.

- Consumer appliances
- Machine factories
- Heating
- Interior
- Traffic
- Medical equipment
- Fans
- Food industry
- Construction
- Automotive
- Hydraulic appliances



■ Medical industry



The aluminium sand casting process we use is prominently suitable for both single piece casting and quantity production. Through the use of natural moulding sand, our casting is characterized by its smooth and clean finish with great dimensional accuracy.

**Aluminium sand casting**

The sand casting foundry has a modern Seiatu moulding machine type HSP2 with moulding box dimensions of 800x650x250/250 mm. With this sophisticated automatic moulding machine simple castings as well as highly complicated castings can be produced in an extremely rational way. This moulding technique provides high quality casting and reproduction.

A recent investment in the renewal of the aluminium grindery offers the possibility to deliver the customers better and faster. In favor of the customer a higher quality level is obtained and the internal logistic process is approved.



**Vostermans**  
companies



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■ This is how you can reach us

Vostermans Alu Foundries B.V. is located at the industrial estate "TradePort" in Venlo-West and is for that reason easily reached by the Dutch and German industry.

The A67 and A73 motorway are accessible by car within a few minutes. You can follow the industrial reference number 5123.



NEN-EN-ISO 9001: 2008



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