



# VAN VOORDEN *foundry*

an ANDUS group company



# Van Voorden Foundry

**Van Voorden Foundry is a modern Dutch foundry producing large-scale, complex castings to the highest quality standards. Van Voorden can cast up to 32 tonnes of both ferrous and non-ferrous material and operates in a wide variety of industries.**

With six induction furnaces, a 5-axis CNC sand milling machine, a giant band saw, in-house heat treatment and machining facilities, Van Voorden Foundry is well equipped to produce any kind of pre- or final machined casting.

The facilities including sales, purchasing, manufacturing and quality control, are located under one roof in Zaltbommel, the Netherlands. This creates an efficient process and short communication lines, which reflects our commitment to ensure high-quality products and on-time deliveries. The company produces products for the following markets:

- **Dredging & Mining** (dredging operators, shipyards and equipment developers)
- **Shipbuilding** (ship owners, shipyards and OEMs)
- **Offshore Energy** (equipment developers)
- **Heavy Machinery** (equipment operators)
- **Petrochemical** (oil and gas operators)

Van Voorden Foundry has dedicated, experienced and highly trained employees who are proud to produce fascinating products for a global client base. Our clients are among the elite within their markets and industries and work according to the highest demands.

The adjustment between product application and mechanical properties is of paramount importance. Below is a list of our wide range of alloys:

- **Cast Steel:** low and high alloy, improved weldability, resistant to low temperatures and wear-resistant.
- **Stainless Steel:** heat-resistant, wear-resistant and corrosion resistant.
- **Cast Iron:** lamellar, nodular, austenitic and wear-resistant.
- **Nickel Aluminium Bronze:** corrosion-resistant and high thermal conductivity.

## Production of high-grade castings

The entire Van Voorden Foundry production line is under the strict supervision of our quality department. The high-grade casted products can be delivered according to all accepted qualification agencies like Lloyds Register, Bureau Veritas, ABS and DNV-GL. We set the standard regarding the casting materials, which in many cases exceed the requirements of both our clients and the classification organisations.

Dutch products, expertise, quality, internationally focused and an excellent reputation are the secrets of our success. Visit Van Voorden Foundry for all your industrial casting needs!

## Dredging & Mining

The Dredging & Mining industry requires high-grade casted products in wear-resistant alloys. Van Voorden Foundry manufactures a large variety of high-alloyed castings like pump





casings, double-walled pipelines, impellers and other high wear-resistant parts.

## Shipbuilding

### Propellers and propeller systems

The foundry can produce fixed pitch propellers, build-up systems, blades and hubs up to a diameter of 5 meters in nickel aluminium bronze and stainless steel.

### Arctic environments

Since 1986, Van Voorden Foundry has experience with casting at extremely high temperatures and expertise in high-quality finishing to produce stainless steel, fixed pitch propellers, blades, hubs and build-up systems.

### Bearing shells

Van Voorden Foundry is one of the few foundries in the world able to cast up to 32 tonnes of nickel aluminium bronze. With this unique capability, Van Voorden serves the market with a great variety of products, like bearing shells, hubs or spindle nuts.

## Offshore energy

The global offshore energy industry is a dynamic and innovative industry. The technological developments in this market require the highest quality and most innovative designs from all its suppliers. Van Voorden Foundry can meet these requirements and is committed to producing the required products. For these castings, we can advise and produce materials that fulfil the specifications

for wear, impact resistance or tensile strength under the most extreme conditions.

## Heavy Machinery

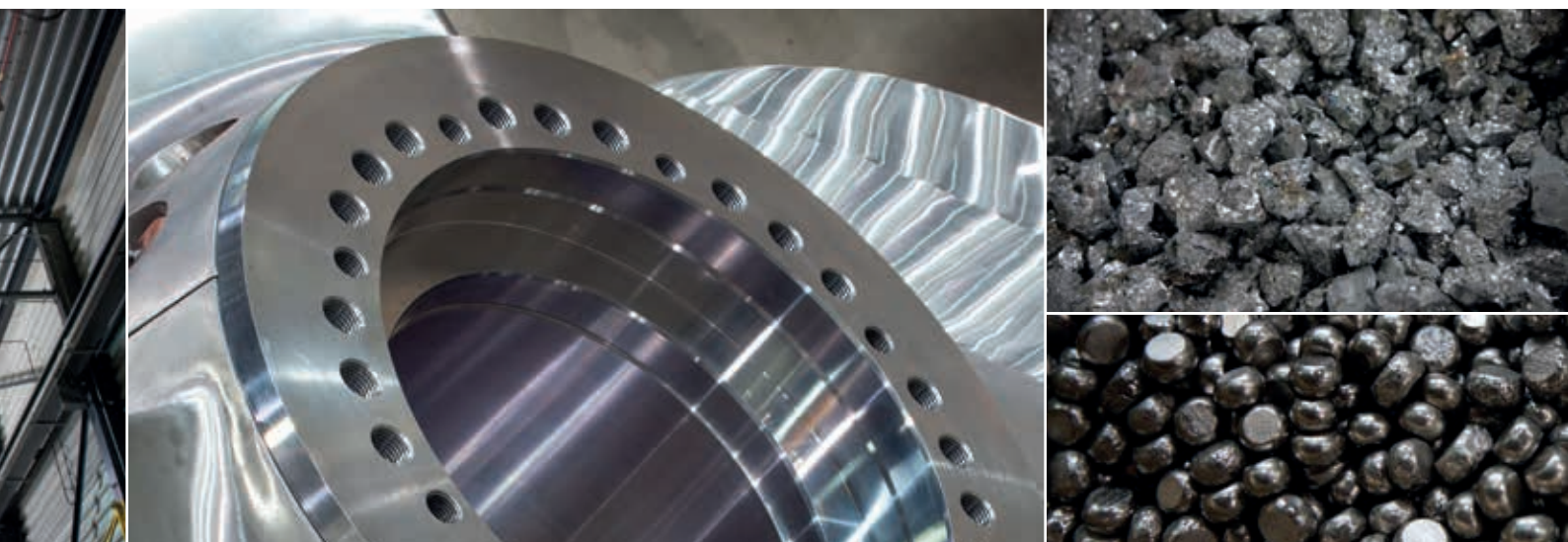
Large and complex castings is what the market for heavy machinery is all about. With our casting capacity of 32 tonnes, we can produce castings with varying purposes for the metallurgical industry, the military and machinery. Combined with our 5-axis CNC sand milling machine, Van Voorden can mould, cast and deliver within the shortest lead times serving the heavy machinery market at their best.

## Petrochemical

Van Voorden serves the petrochemical markets with its expertise in nickel aluminium bronze alloys. Because of the excellent corrosion resistance and thermal conductivity of nickel aluminium bronze, we can cast, machine and deliver products like floating heads, channels and pipe plates for heat exchangers.

### Innovation

We endeavour to collaborate closely with our clients, utilising new innovations and generating dedicated solutions. We develop new alloys, improve the properties of existing materials and investigate new capabilities for combinations of different materials in our laboratory. Our goal is to improve the quality of our clients' products, for example higher mechanical properties, better wear resistance and higher corrosion resistance.





## Refractories

Gouda Refractories  
Gouda Vuurvast Belgium  
Gouda Vuurvast Services  
Gouda Feuerfest Deutschland

## Steel Structures

HSM Offshore  
HSM Steel Structures  
Lengkeek Staalbouw  
RijnDijk Staalconstructies

## Specialties

Armada Mobility  
FIB Beer Systems  
FIB Industries  
ISS Projects Slovakia  
Van Voorden Foundry

## Part of a greater whole

Van Voorden Foundry is part of Andus Group, an international operating holding company. The subsidiaries of Andus Group have one aim: Serving the industry. And they have one characteristic in common: to be the best within their own specialisation. On specific projects, group companies work together, combining their experience and resources.

The ambition is clear: the Andus Group companies are always aiming to achieve maximum client satisfaction. This requires high quality, experienced and skilled project management and the use of innovative methods when designing, producing and realising projects. That is why Andus Group can continue to further strengthen their possibilities at the top of the different market segments.

In short: Andus Group is a powerful and reliable partner completely geared to your success.



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