



# VAN VOORDEN *foundry*

an ANDUS group company



## Abrasion resistant cast iron and steel pump casings

### Facts

- Material : any cast steel or cast iron alloys upon client request
- Weight : 500 kg–25,000 kg
- Dimension: 0.5 m–5.0 m

Van Voorden Foundry manufactures pump casings for the entire Dredging and Mining Industry, including dredging operators (such as Boskalis and Van Oord), equipment developers (such as Damen Dredging, Idreco, IHC Merwede and Vosta) and machine shops.

These pump casings are installed in powerful pump systems which are used to transport a mixture of sand and water. All pumps should be able to handle the abrasive action of this mixture.

Pump casings come in different varieties of weight and size, ranging from 500 kg to 25 tonnes and sizes between 0.5 m to 5.0 m.

Pump casings - or shells - are made out of cast iron, e.g. Ni-hard 4, CW250 and WD28G; and steel such as GS-30Mn5, GS-32NiCrMo14-4 and GS-47VA. If required Van Voorden Foundry can produce any alloy upon clients specification.