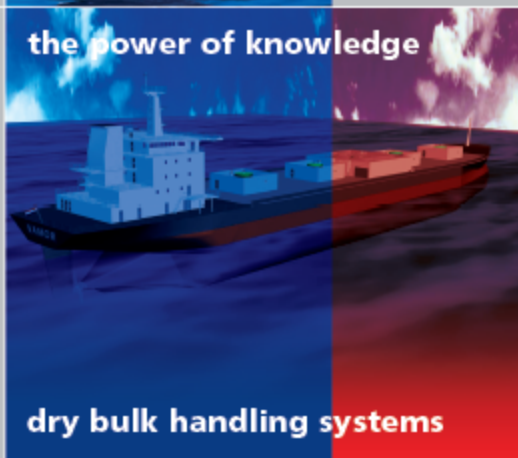


# VAN AALST

MARINE & OFFSHORE BV



the power of knowledge



dry bulk handling systems

- Cement
- Barite
- Bentonite
- Granulated slag
- Fly ash
- China clay
- Alumina



**VAN AALST**

**MARINE & OFFSHORE B.V.**

## Cement Carriers:

Dry bulk handling equipment for:

- Self discharging cement carriers by means of pneumatics system

The advantages of our system are:

- Experience, unsurpassed in cement bulkhandling since 1952, and leading the market ever since
- Environmentally friendly solutions to control dust and reduce power consumption
- High discharge capacity / performance
- High reliability
- Low maintenance costs
- Increased lifetime on critical components
- Clean deck design
- Flexibility on system arrangement

DBMAS® (Dry Bulk Management System)

Remote control for assistance and trouble shooting.

The pneumatic systems are superior to mechanical systems with regards to reliability, capacity, energy consumption and maintenance.

Due to several innovations we can offer advanced pneumatic systems with low energy consumption and high discharge capacity (>1000 TPH).

A full flexible arrangement can be made with the possibility to load and unload pneumatically as well mechanically. Loading and unloading from and to bulk trucks is one of the many options.



Weco coupling



Kamlock coupling



Butterfly Valve



DBMAS® Touchscreen

# Van Aalst Marine & Offshore BV

Is specialised in dry bulk handling equipment on board of seagoing and inland vessels. We are specialised in the loading and unloading of dusty and abrasive powders such as:

- Cement
- Barite
- Bentonite
- Granulated slag
- Fly ash
- China clay
- Alumina



**For flexible combined liquid  
and dry cargo systems ask for:**

**CARGOMAX**  
LIQUID AND DRY CARGO SYSTEMS



OPTIMAX® Bulkhead



OPTIMAX® Fluidizing floor



VentFiber®



## Offshore Support Vessels:

Pneumatic bulk handling equipment for:

- PSV (Platform Supply Vessels)
- AHTS (Anchor Handling Tug Supply)
- Semi Submersible Drilling Rig
- Multi Purpose Field Support Vessels

We supply our bulk handling equipment for offshore supply vessels to shipyards all over the world, and support our customers with our world-wide based highly skilled engineers.

The advantages of our system are:

DBMAS® control and monitoring system with:

- Automated loading with sequence control
- Automated discharging with sequence control
- Advanced software to prevent blockage
- Remote access and data recording and analysing

VENT FILTER® system, this environmentally friendly design offers:

- Emission certificate for 5 mg/nm<sup>3</sup>
- Compact design to fit in small space
- Fully automatic functioning by DBMAS®

OPTIMAXX® bulk tanks which deliver:

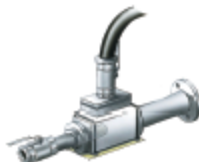
- Increased cargo capacity
- Decreased ROB (Remaining On Board)
- Increased discharge capacity

COMPRESSORS specially designed for:

- Compact dimensions which require minimum space onboard.
- Suitable for offshore support vessels
- Marine and robust execution
- Integration of all parts on one rigid skid.



Compressor + Dryer



Tank Cleaning Tool



Loading Filter



MV "CEMSEA"



MV "TURBOCEM"



MV "CEM CRUSHER"



MV "CEM PUMPER"



MV "TURBOCEM"



MV "CEMISLE"

## Van Aalst Marine & Offshore BV

Customer orientated organisation which offers:

- Flexibility in customer demands
- Competitive pricing
- World wide service
- Large manufacturing plant with waterfront for vessel up to 10.000 Dwt
- Highly qualified and experienced engineers and naval architects

**the power of knowledge**



MV "ATLANTIS"



MV "ENDEAVOR"



MV "FORTUNE R"

- Cement
- Barite
- Bentonite
- Granulated slag
- Fly ash
- China clay
- Alumina



the power of knowledge



- Dry bulk handling systems
- Liquid handling systems
- Drill cutting handling systems