

A series of 14.000T general cargo vessels

Ferus Smit Shipyards

Eekels Delivered and Installed:

- Electrical installation
- "EVE" Frequency drive for 640 kW bowthruster with DC brake(make Eekels)
- "EAS" Engineroom alarm system (make Eekels)
- Bilge/ballast valve control and tank measurement display and control system (make Eekels)
- Bridge console, MCC cabinets and Switchboards (make Eekels)
- Lighting installation (make Aqua Signal)
- Fire alarm installation (ADT Fire & Security)

General data of the vessel:

Length over all	: 154,6m
Breadth moulded	: 17,2m
Deadweight	: 14.000T
Voltage	: 3x400V, 50 C/s 3x230V, 50 C/s
Aux. Generators	: 2x 332 kW
Em.Generator	: 124 kW
Shaft Generator	: 736 kW
Main Engine	: 4500 kW
Class	: BV
Yard	: Ferus Smit Shipyards
Owner	: Wagenborg
Delivery date of vessel	: Starting August 2009



Photo:
Wagenborg

Starting August 2009 Ferus Smit Shipyards delivered a series of 14.000T general cargo vessels.

The "Beatrix" and the "Fivelborg" as on the pictures are the first and third out of the series of nine as they will be built for ship owner Wagenborg.

According planning at the end of 2014 the last ship of this series will be delivered to her owner.

The basis of the electrical installation is identical for all the ships out of this series.

The vessels are built according to the rules and regulations of Bureau Veritas.

Eekels Elektrotechniek BV was responsible for the engineering, manufacturing outfitting and commissioning of the complete electrical installation.

Eekels supplied all electrical "Eekels made" switchboards and control desks including our own "EAS" engineroom alarm system and a bowthruster drive by means of an Eekels "EVE" frequency drive.

Integrated with the "EAS" system and developed by Eekels is the control of the Bilge/Ballast valve system and the display and control of the on board tank measurement system.

