

Van Oord

Athena & Artemis heavy cutterdredgers

The heavy cutterdredgers are equipped with the BIMAC vessel management system for alarm monitoring and control.



Specifications

- ✓ 3 x alternators 8,125 kVA
- ✓ HV and LV switchboards
- ✓ Water-cooled frequency drives
- ✓ BIMAC alarm & monitoring system

These innovative diesel-electric cutterdredgers of which the dredging process, such as cutter, pumps, winches and propulsion, is electrically driven by direct water-cooled Bakker frequency drives and Indar electric motors. A special feature of this project is the use of one water-cooled frequency drive for both pumps and the propellers instead of installing separate drives for these systems.