

Boskalis

Willem van Oranje & Gateway trailing suction hopper dredgers

Bakker Sliedrecht designed and installed the complete electrical installation on a turn-key basis for these two trailing suction hopper dredgers.



Scope of delivery for each vessel

- ✓ BIMAC vessel management system
- ✓ 2 x PTO alternators 6,400 kVA
- ✓ 1 x auxiliary alternator 1,900 kVA
- ✓ 1 x emergency alternator 365 kVA
- ✓ 1 x dredgepump motor 7,500 kW
- ✓ 3 x jetpump motors 850 kW
- ✓ 1 x suction tube draghead winch motor 410 kW
- ✓ 1 x intermediate winch motor 410 kW
- ✓ 2 x bowthruster motors 700 kW
- ✓ Multiple high and low voltage switchboards
- ✓ Navigation and engine control desks
- ✓ Water-cooled frequency drive
- ✓ 3x6600 V - 50 Hz, 3x690 V - 50 Hz
3x460 V - 50 Hz, 3x230 V - 50 Hz

Bakker Sliedrecht designed and installed the complete electrical installation on a turn-key basis based on the specifications of Boskalis. Both vessels are equipped with our BIMAC vessel management system for alarm monitoring and control.