

**Scope of delivery:**

- ✓ Integration electrical installation
- ✓ Generators
- ✓ Main & auxiliary switchboards
- ✓ LV & HV drive systems
- ✓ Transformers
- ✓ Propulsion, cutter, and winch motors
- ✓ Bow thrusters
- ✓ Inboard dredge pumps
- ✓ Submersible motor

DEME

Spartacus Cutter Suction Dredger - 2017

Bakker Sliedrecht is responsible the engineering, delivery, and commissioning of the electrical power plant and auxiliary electrical installations for the world's most powerful cutter suction dredger (CSD) Spartacus. Royal IHC is building the CSD for DEME.

Creating the power electrical plant for the world's most powerful CSD

With a total installed power of 44.180 kW, 'Spartacus' will be the most powerful Cutter Suction Dredger that has ever been built. The vessel's power will enable her to cut harder soils at speeds that have not been possible before. Bakker Sliedrecht is responsible for delivering the power electrical plant that will generate and distribute power throughout the CSD. We are also responsible for the integration of the entire electrical installation.

Low voltage multidrive systems

The Spartacus will be equipped with ABB ACS 880 liquid-cooled low voltage multidrive system. The new model of ABB has a very high power density, yielding a lot of power out of a small footprint. The ABB ACS 880 is maintenance friendly and already compliant with future regulations.

Delivery in 2019

The Spartacus will be delivered to DEME in 2019.



Do you have any questions?

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