**Equipment Sheet**

**Helios**
Self-propelled, Sea-Worthy Cutter Suction Dredger

**Construction/Classification**

- **Built by**: IHC Holland B.V.
- **Year of delivery**: 2017
- **Classification**: Bureau Veritas
- **Complete class notation**: I * HULL * MACH * AUT-UMS Dredger SP (45) Dredging within 15 miles from shore or within 20 miles from port; extended with dredging over 15 miles from shore with H.S. ≤ 2.5 m. Green Passport, Clean ship 7+ (14 days)

**Features**

- A heavy duty, rock cutting, self-propelled dredger for dredging within 15 miles from shore or within 20 miles from port
- Fully equipped for dredging trenches, navigation channels and harbors
- Fully automated dredging process centrally controlled
- Barge loading facility is optional
- Accommodation for 45 persons

**Main Data**

- **Sailing speed**: ± 11.5 kn
- **Length overall**: 152 m
- **Length b.p.p.**: 127.5 m
- **Moulded Breadth**: 28 m
- **Moulded depth**: 8.9 m
- **Design draught**: 5.35 m
- **Suction pipe diameter**: 1000 mm
- **Max dredging depth**: 35 m
- **Min dredging depth**: 6.35 m
- **Positioning system**: Spud carrier
- **Total installed power**: 23,886 kW
- **Cutter output maximum**: 7,000 kW
- **Discharge pump output**: 15,600 kW
- **Max. draught**: 6.00 m
- **Gross Tonnage**: 8981 GT
- **Net Tonnage**: 2694 NT
HELIOS
SELF PROPELLED, SEA-WORTHY CUTTER
SUCTION DREDGER

SIDE VIEW

TOP VIEW DECK LEVEL