

EQUIPMENT SHEET

HELIOS
 SELF PROPELLED, SEA-WORTHY CUTTER
 SUCTION DREDGER



CONSTRUCTION / CLASSIFICATION

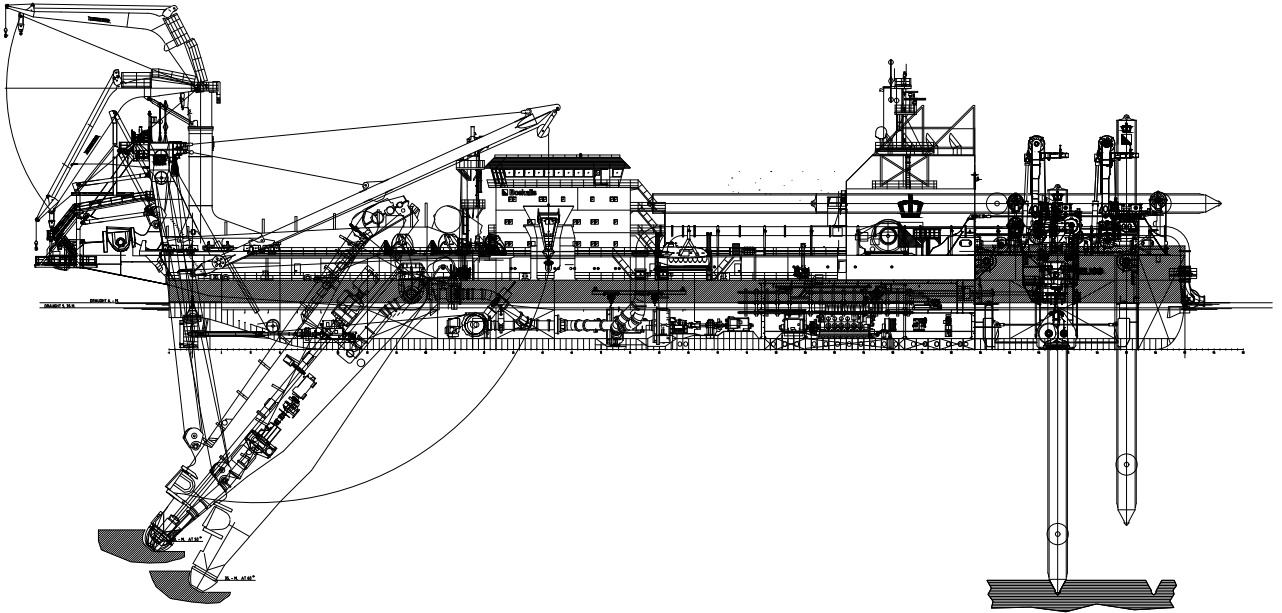
Built by	IHC Holland B.V.
Year of delivery	2017
Classification	BV ✕ Hull ✕ Mach, ✕ AUT-UMS Dredger SP (45) Dredging within 15 miles from shore or within 20 miles from port; extended with dredging over 15 miles from shore with H.S. ≤ 2.5 m Green Passport, Clean ship 7+ (14 days)

FEATURES

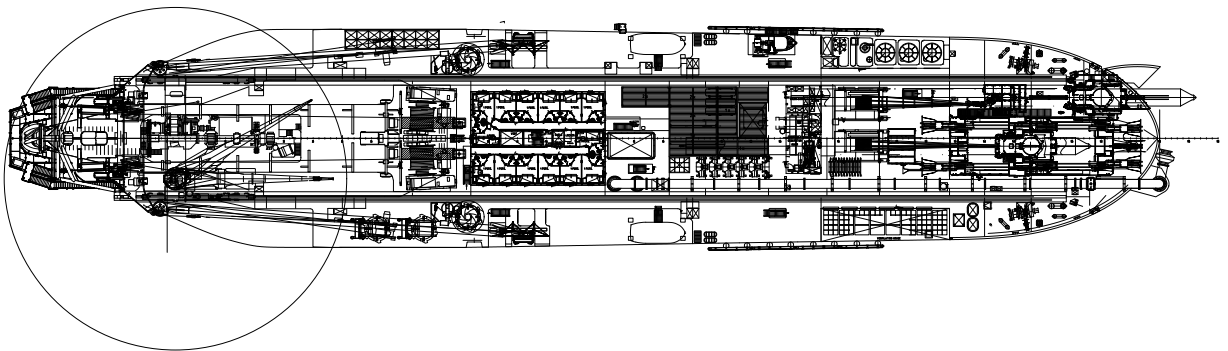
A heavy duty, rock cutting, self-propelled dredger for Dredging within 15 miles from shore or within 20 miles from port
Fully equipped for dredging trenches, navigation channels and harbors
Fully automated dredging process centrally controlled
Barge loading facility is optional
Accommodation for 45 persons

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



SIDE VIEW



TOP VIEW DECK LEVEL