

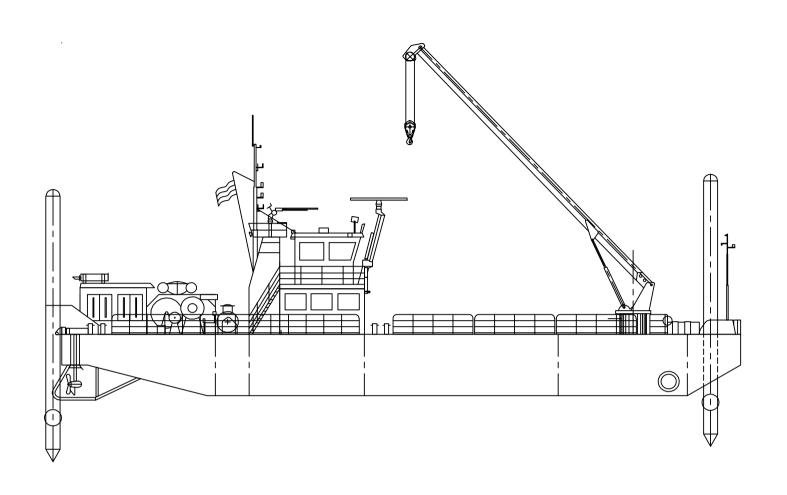
Multi purpose vessel HEBO-CAT 15	
Length o.a.	31.80m
Beam o.a.	9.50m
Beam o.a. (incl. siede pontoons)	14.60m
Min. draught	1.60m
Air draught min.	6.85m
View level	4.00m
Clear space on board	120m ²
Speed	13 km/h
Propulsion	1 x 750 HP + 1 x 150 HP
Generator	2 x 250 KVA 220/380 V, 1 x 25 KVA
Callsign	PFFL
ENI (European Number of Identification)	02509162
Certificate (Certificaat voor Zeeschepen die de Rijn bevaren)	SI 2367 Z
Tonnage or measurement certificate number (meetbrief)	HN10707
IMO Number	8951906
FD Number	FD 92309
Flag	Dutch

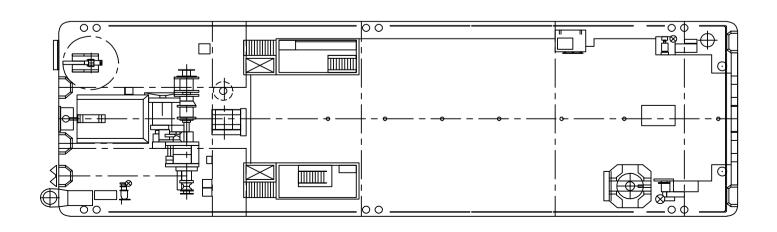
Certificate for navigation on the Rhine

Class: DNV GL 100 A5 (coastal waters 30 miles)

4 point mooring with each 5t pull and 300m wire rope

Equipment: 2 Hydraulic cranes, 2 spud poles with a length of 12m, several pumps up to 1500m³/h Fire extinguish installation: fire extinguish pump 360m³/h – 10 bar, 2 x water / foam monitors 300l/min each – reach 72m, fire hose connection on deck to be operated by hand, 3000l foam liquid, 4 x respirator masks







Emergency response Special transport Oil spill response VCA Petrochemie Salvage Heavy lift ISO 9001/ 2008

- · calamity suppression
- · buoy- and anchortreatment
- · salvage operations
- drilling operations
- · environment research
- · lifting- and transport activities
- · maintenance- and contracter activities

Because of its slight draught and perfect manouvrability the vessel is suited for activities along the Dutch coast, Ysselmeer and Wadden Sea. RORO-Ramps can be used to move a crane or other vehicles onto the Jumbo. Containers can be placed on deck by the hydraulic marine crane. For load and discharge above 15Te a mobile crane of max. 200Te/m can be driven onto the Jumbo.

The Jumbo meets the Dutch demands for navigation inspection (zone 4 / Coastel waters 30 Miles), Germanic Lloyd and has got a certificate for navigation on the Rhine.

Propulsion

Schottelnavigator 700hp Cummins with bowscrew 150hp

Generators

- 2 main generators 250KVA 220/380 V each
- · Harbour/auxiliary generator 25KVA

Ballastpump / Salvage pump

- BBA 300m³/h type B 156 serie B.L.
- Mobile pumps capacity upto 1500m³/h.

Fire-extinguish installation

- Fire extinguish-pump 360m3/h 10bar.
- 2 water/foammonitors 300l/min each reach 72m
- Fire-hose connection on deck to be operated by hand
- 3000l foam-liquid
- · 4 compressed air-masks

Spudcans

2 spudcans of 12m length each, diameter 0.6m. The spudcan at the back can be turned over on deck. Control from bridge and deck.



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Salvage Heavy lift ISO 9001/ 2008

Hydraulic crane

Heila HMR 150/15F marine crane Capacity:

15 T – 4,5m 12.5 T – 11,0m

9 T – 15,0m

Stern:

Hydraulic crane: 14tm, 1T - 7,0m

Anchor winches

- 1 central stern anchor mooring winch 4 drums with 15 T ropecapacity
- 2 forward anchor mooring winches 12 T ropecapacity
- · Control from bridge and deck
- · 4 point mooring system

Navigation equipment

- 1 radar
- 2 VHF-transmitters
- Vigil RX navigator
- Wind-gauge
- Radiotelephone
- 2 Echo sounders
- · Liquid compass
- Auto-pilot
- Gasdetector

Accomodation

- 2 cabins 1 person
- 1 cabin 2 persons
- 1 cabin 4 persons