



"LEON-H" | Hybridcat WERFT2411e / Ultra Shallow Workboat

Classification / Flag:

Flag / homeport	Dutch, Urk
Year of built	2024
Classification	Bureau Veritas I ✕ HULL ✕ MACH • AUT-UMS 30NM, Multi-purpose.
Class valid up to	2029
Call sign	PHPB
IMO number	1013212
MMSI number	245782000

Dimensions:

Length O.A.	23,95 meters
Beam / width	11,46 meters
Depth at sides	2,60 meters
Draft (min. – max.)	1,00 – 1,50 meters
Air draft (min. – max.)	9,05 – 14,25 meters
Gross & Net tonnage	186 GT/NT
Deck cargo cap.	4x 10 or 20ft / 2x 40ft containers
Clear deck area	167 m ²
Cargo deck load	5 tons per m ²

Tank capacities / Transfer:

Fuel oil / gasoil	60.000 liters
Fresh water	35.000 liters
Transfer of fuel oil	40 m ³ /hr
Fresh water	40 m ³ /hr

Accommodation :

Facilities	12 bunks in 6 Cabins (6x double) Heated and Air Conditioned
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Navigation & Radio:

Starlink connection, 2x ECDIS, Radar, Echo sounder, AIS, DGPS, Autopilot, SSB, 2x Compass, Navtex, SART, EPIRB, VHF, GSM, Wind meter, Speed log & 2x Searchlight 1000W

Machinery / Performances, fully electric or diesel IMO tier 3

Bollard pull	15,0 tons
Max speed	10,0 knots
Main engines	2x Scania Gensets, electric driven by battery container on deck.
Total output	930kW + 2x E-motor 450 kW
Gearboxes	Twin disc
Propulsion	2x fixed pitch props in nozzles
Diameter propellers	1,00 meters
Bow thruster	Hydraulically driven 200 kW
Generator sets	Scania DI 13 stage V, IMO tier 3
Generator power	930 kW, 400V/ 50Hz
Hydraulic power pack	Danfoss, 2x 45 kW 1x 90 kW

Deck Equipment:

Towing winch	Kraaijeveld KA-20-H-TR. 50T pull
Towing wire	600 meters, Ø 26 millimeters
Anchorhandling winch	100 tons pull force
Anchorhandling wire	150 meters, Ø 26 millimeters
Tuggerwinch	10 tons and 12 tons
Towing pins + chain stopper	Fore deck: 1x jaws & 2x guide pins
Bow roller	100 tons SWL - 4,85m, Ø 914mm
Stern roller	60 tons SWL – 0,85m, Ø 711mm
Marine deck crane forward	Heila HLRM 170-4SL
Maximum lift capacity:	7,70 tons(m) at 16,39 meters

	kg	18.450	14.630	11.620	9.230	7.700
	mtr	8,16	10,22	12,30	14,36	16,39

Marine deck crane aft	Heila HLRM 140-4S + 5t winch
Maximum lift capacity:	7,85 tons(m) at 14,42 meters

	kg	23.130	17.030	12.220	9.480	7.850
	mtr	5,87	8,04	10,21	12,37	14,42

Additional:

Spud poles	2x TBC meters, Ø 610 mm
Seabed levelling/dredging	Option for A-frame on stern

