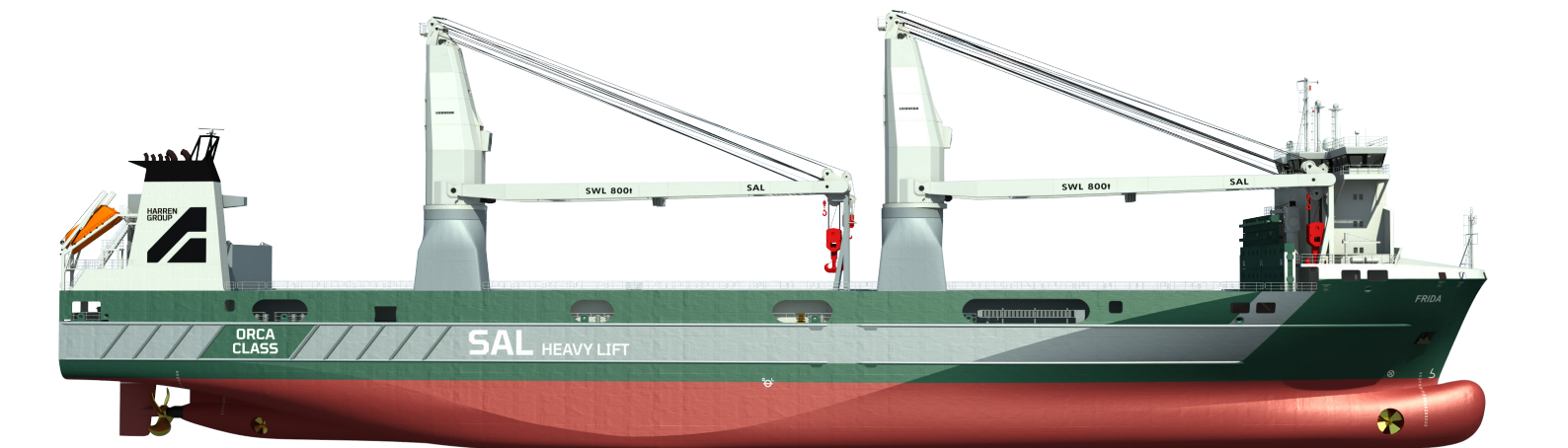
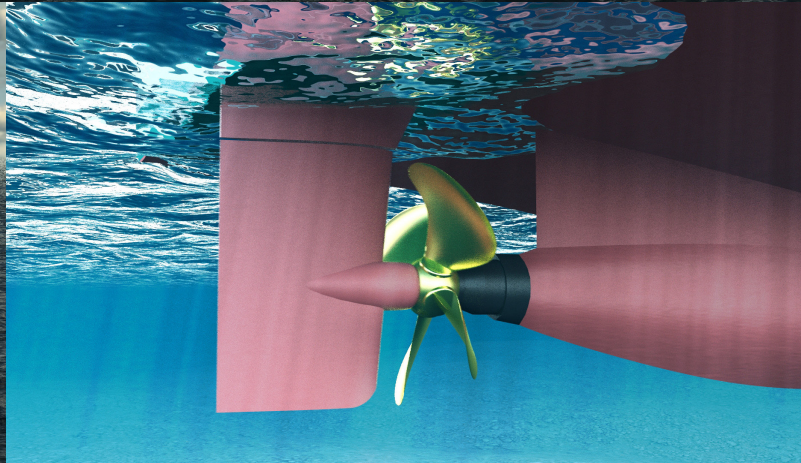


ORCA CLASS

THE GREEN FUTURE
OF HEAVY LIFT SHIPPING



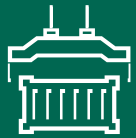


VESSEL HIGHLIGHTS



SPEED & FLEXIBILITY

- 18.5 kn max speed
- Hybrid drive
- High efficiency at any speed



CARGO HOLD & INTAKE

- Large cargo intake and deck space
- Flexible box-shaped cargo hold and hatch cover system
- „Hatchcoerless“ class notation for open hatch sailing



CRANE OUTFITTING

- Powerful, fast and fully electric cranes
- Large lifting height and outreach
- Assist and safety systems



HATCH COVER STRENGTH

- High strength according to class and practical needs
- Weight spreading efforts reduced
- Reduced manual handling



QHSE

- QHSE optimized and friendly work environment
- Safety, health and comfort for crew and clients



ZERO EMISSION

- Methanol-ready vessel design and engine concept
- Minimized footprint and fuel cost for vessel profile



SHIP TO SHORE CONNECTION

- Shore power supply
- Power feed-out on deck for client's equipment



OPTIMIZED HULL DESIGN

- Good sea-keeping behaviour
- Low accelerations for cargo
- High freeboard & forward deck house shelters cargo deck



MANOEUVRABILITY & REDUNDANCY

- Compact vessel design
- High manoeuvrability



POLAR CODE & ICE CLASS

- Ice Class (1A)
- Polar Code
- Low design temperatures and working in cold climate

SHIP'S PARTICULARS

CLASS

Ice class 1A (Finnish / Swedish),
strengthened for heavy cargo

SHIP DIMENSIONS

Length over all	149.90 m
Length between perps.	142.27 m
Breadth moulded	27.20 m
Breadth over all	27.65 m
Depth moulded	16.70 m
Draught	8.5 m
Deadweight	14,600 t

CAPACITIES

Cargo Gear	2 × low noise, fully electric cranes; each 800 t SWL (in combination 1,600 t); auxiliary hoist 60 t; sling hoist 10 t, man-riding certified
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Hatch Cover	Pontoon type, heavy duty, floatable, quick acting spreader handled
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Tweendeck Cover	Pontoon type, water ballast-able, quick acting spreader handled, 4 adjustable heights
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Number of Holds	1
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Dimension of Hold	107 × 18.5 × 13.3 m
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Volume of Hold	23,600 m ³
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Free Deck Space	3,300 m ³
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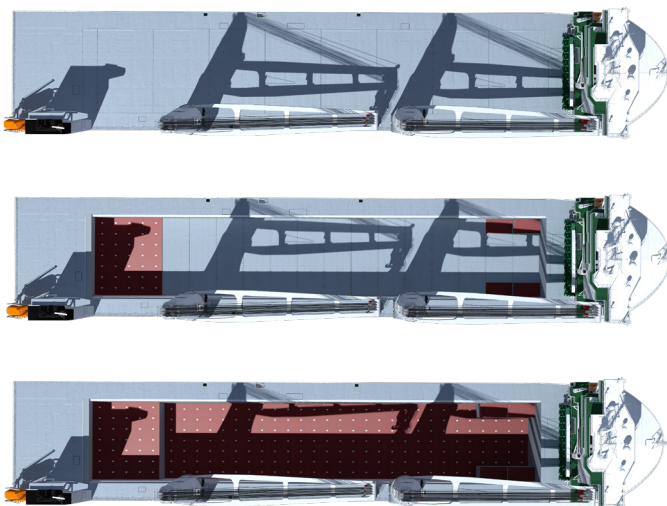
Permissible Deck Loads acc. DNV STN-001	Weatherdeck Tweendeck Tanktop	10 t/m ² 8 t/m ² 18 t/m ²
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EMISSIONS

Fuel readiness	Methanol (acc. future ISO/AWI 6583) after installation of pre-approved Methanol Module
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NO _x	10% below IMO Tier III limits
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CO ₂	21% below EEDI Phase 3 requirement using IFO / MGO; CO ₂ neutral using Green Methanol
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June 2025 • All particulars believed to be correct but not guaranteed.

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A member of the Harren Group