



DESIGN

HAV 587 is designed for efficient treatment and transport of large quantities of live salmon in three cylindrical fish tanks. The vessel has a high dead weight capacity, and she is equipped with a large fresh water production system. The accommodation facilities are for 14 persons.

MAIN PARTICULARS

Length over all and breadth	approx. 86.8 x 16.9 m
Depth to main deck / hose deck	8,25 m
Design draft	approx. 6.5 m
International summer draft	approx. 7.1 m
Dead weight	-

CAPACITIES

Fish tanks (water volume / net volume for fish)	approx. 3,300 / 3,000 m ³
Biomass buffer tanks	approx. 500 m ³
Technical fresh water / Water ballast	approx. 1.250 m ³
Potable fresh water	approx. 100 m ³
Fuel oil	approx. 250 m ³
Trial speed, design draft	approx. 13,5 knop

CLASS / AUTHORITIES

DNV GL +1A, E0. Norwegian flag. Trade area World Wide (with exceptions).

MACHINERY

Four main generator sets IMO Tier III	4x 1,550 ekW @ 1800 rpm
ø3,0 m main propeller in nozzle, 2x 1,500 kW variable speed el.motors	
Bow thruster / Stern thruster	800 / 600 kW
Emergency generator	approx. 150 ekW
Ballast water treatment plant	250 m ³ /h

DECK MACHINERY & OTHER EQUIPMENT

One hose handling crane 150 Tm and three cranes 60 Tm. Two anchoring/mooring winches 7T, two mooring winches 7T, two fish cage winches 5T and two capstans 3T
One MOB-boat minimum 5.5 m with outboard engine.

WELL BOAT SYSTEMS

Robust and redundant well boat systems (2x50%). Redundant automation system for monitoring and control of well boat systems. Independent 20" loading lines with de-watering.
Independent 20" off-loading lines with de-watering.
Complete displacement grids systems in fish tanks for off-loading. Pressure off-loading up to 15 m above sea level.
Four circulation pumps for each fish tank, 4 x 3,000 m³/h.
Two RSW units, each 2.600/2.000 kW, approx. 1.1-1.2 degrC/h.
Three high capacity CO₂ stripping system, each 2.000 m³/h.
High capacity oxygene- and ozone systems. O2: 2 x 105 kg/h and O3: 6.8 kg/h
150 my filters and 90 mJ/cm² UV reactors.
2x6,000 litre vacuum pump system.
High capacity automatic tank cleaning systems.
Systems for adding hydrogen peroxide, chemicals and medicines.
Reverse osmosis systems for production of technical fresh water, 9.000 m³/24h.

OPTIONS

Fish grading system
Deck mounted delousing systems
Pipe washing system.
Dynamic positioning system.
Battery systems 565 kWh.
Heat recovery and Central hot water heating system
Increased shore connection 1,600 kVA.
Incinerator.