



DER SCHÖPFER

PRODUCT LINE & SERVICES

MARLIN 15

DIMENSIONS & SPECIFICATIONS

15.50 M

Overall Length

4.5 M

Beam

1.2 M

Draft

14.0 T

Displacement (Approx)

1500 L

Fuel Tank

400 L

Water Tank

Stern Drive

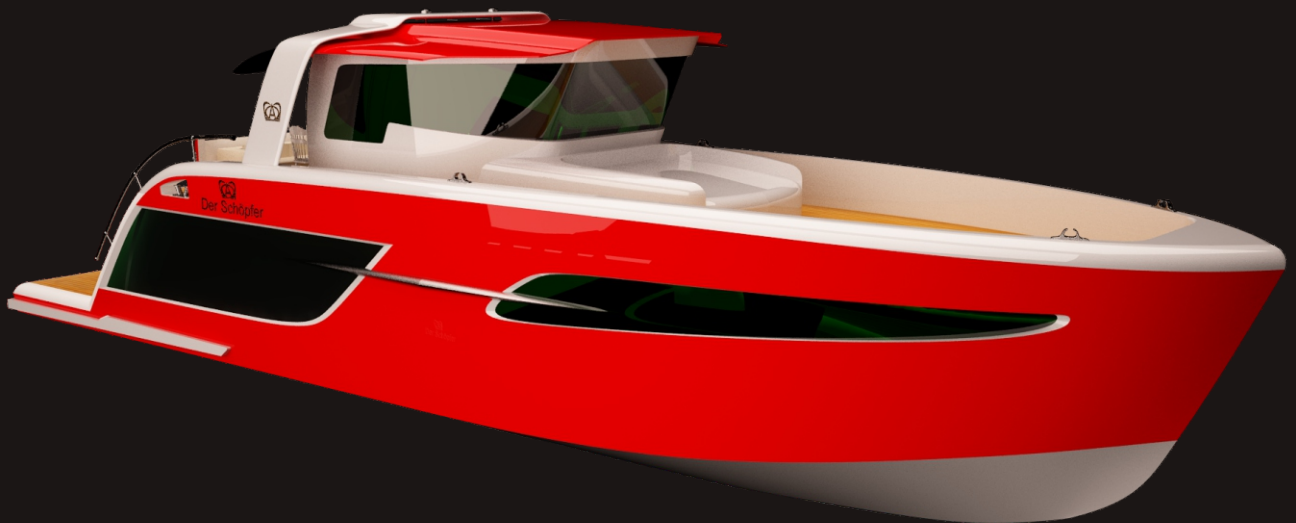
Propulsion

Mercury/Yanmar

Engine

FRP

Hull



BLUEFIN 15

DIMENSIONS & SPECIFICATIONS

15.50 M

Overall Length

4.5 M

Beam

1.2 M

Draft

14.0 T

Displacement (Approx)

1500 L

Fuel Tank

400 L

Water Tank

Stern Drive

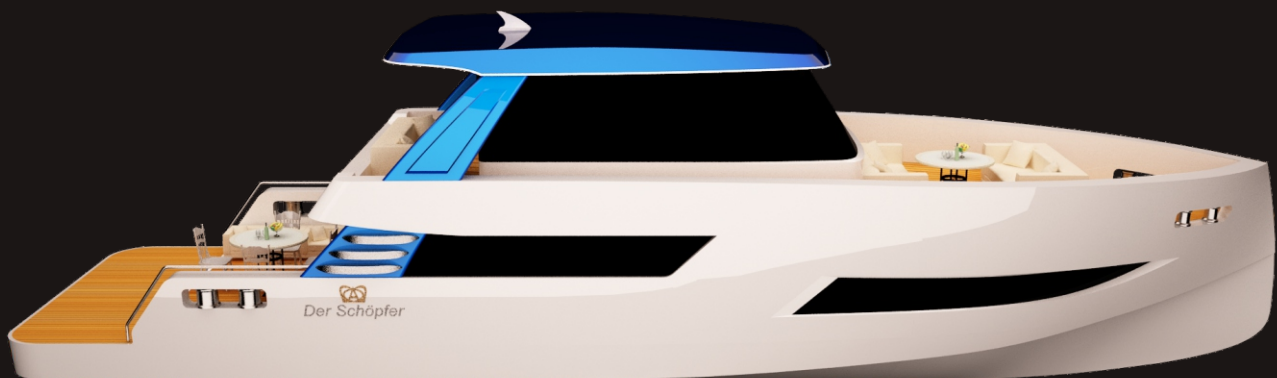
Propulsion

Mercury/Yanmar

Engine

FRP

Hull



E-FOILS &

E-JETBOARDS

DESIGNED IN DENMARK
BEST IN-CLASS HYDRODYNAMICS
EXCELLENT MANEUVERABILITY
EXCELLENT RUN TIME
COMPOSITE MATERIAL CONSTRUCTION
PATENT PENDING JET DRIVE TECHNOLOGY



SQUID DRIVE

HIGH PERFORMANCE ELECTRIC PROPULSION FOR BOATS & JET SKIS



DESIGNED IN DENMARK
DESIGN OPTIMIZED USING CFD
EXCELLENT MANEUVERABILITY
DESIGNED FOR MAXIMUM POWER & FUN
CARBON FIBER CONSTRUCTION
PATENT PENDING TECHNOLOGY
RANGING FROM 5HP TO 50 HP
SUITABLE FOR JETBOARDS, SMALL RIVER BOATS



SQUID DRIVE INSTALLATION ON JETBOARD

OSPREY SERIES

STERN TRAWLERS/PURSE SEINERS



GENERAL

Function

Stern trawling and Purse seining, suited for onboard freezing/cooling fitted with an insulated fish hold.

Classification

ABS or Equivalent.

DIMENSIONS

Length OA	35.00 m
Length BP	34.00 m
Beam mld.	8.50 m
Depth mld.	6.00 m
Draught (Approx..)	3.50 m

FISH HOLD CAPACITY

Fish hold (insulated) 150 m³

TANK CAPACITIES

Fuel oil	28.0 m ³
Fresh water	22.0 m ³
Lubrication oil	2.0 m ³
Bilge water	3.0 m ³
Dirty oil	1.0 m ³
Sewage	3.0 m ³

PERFORMANCES (APPROX.)

Speed (trial)	12.5 kn
Bollard pull (static)	15.0 t

PROPULSION SYSTEM

Propulsion power	895 kW (1200 bhp)
Gearbox Reduction, ratio	5:1
Propeller	2000 mm FPP
Rudder	Balance streamlined double plate
Bow thruster	FPP 70 kW

DECK EQUIPMENT

Anchor	390 kg Pool (High Holding Power)
Stern Trawl rigging	Two trawl gallows with blocks
Power block	5 ton @ 0-28 m/min
Purse boom topping winch	5 ton
Cargo winches	SB and PS 2 ton each

NAUTICAL & FISH FINDING EQUIPMENT

External communication

2x VHF, 2x Watch receivers, SSB, Navtex, AIS

Internal communication

Intercom

Nautical Equipment

Compass, gyro compass, auto pilot, radar, GPS, echo sounder, recording type.

Fish finder

Colour fish finder

REFRIGERATION

Flake ice machine 2 tons / 24 hours at -0°C; blast freezing 5 tons / 24 hours at -40°C; Fish hold freezing -25°C

ACCOMMODATION

Air conditioned accommodation for 14 persons, completely insulated and finished with durable modern linings. The accommodation includes 7 cabins, a galley, mess room, sanitary spaces, cool and cold stores and a large changing room. The wheelhouse is arranged with a modern fishing console and offers an unobstructed view to all working areas.

All data presented is preliminary and is subject to change without prior notice.

Artist impression may show optional equipment. Options may impact performances.

DER SCHÖPFER

SHIP DESIGN & ENGINEERING SERVICES

NEW BUILD DESIGNS

1. Deep sea Fishing vessels
2. Yachts and House boats
3. High speed vessels
4. Patrol vessels & Crew boats
5. Self up righting patrol vessels
6. Barges
7. Ferries
8. Landing Crafts
9. Pleasure boats

NAVAL ARCHITECTURE

1. New Build Designs
2. Conversion engineering
3. Stability Calculations
4. Statutory Plans
5. Structural & Strength Analysis

MARINE MACHINERY & SYSTEM DESIGN

1. Process flow diagrams and P&ID's
2. Preparation of Machinery arrangement
3. Pump performance calculations
4. Pressure drop calculations Line sizing
5. Heat exchanger and cooling system design
6. Design of Steam heating systems
7. FiFi & Deluge protection system design
8. Pipe stress analysis
9. Preparation of Material Take off for various piping systems
10. 3D modeling and pipe routing using 3D scans
11. Design of Vapor Emission Control System (VECS) for tankers
12. Clash checks using 3D scans
13. As-Built drawings
14. Site survey reports
15. HVAC calculations
16. Boiler capacity upgrades

DER SCHOPFER VIRTUAL TOWING TANK (MARINE CFD)

1. Hydrodynamic resistance prediction
2. Hull surface optimization
3. Hull speed prediction / Self propulsion tests
4. Trouble shooting for retrofits of under water hull equipment such as Sonar, Echosounder, speed log etc
5. Optimum location identification of under water hull equipment such as Sonar, Echosounder, speed log etc for new builds
6. Aerodynamic Optimization of Super structure

CIVIL ENGINEERING

1. 3D modelling
2. 3D Scanning & Reverse engineering
3. Modular construction
4. Virtual asset management
5. Civil Retrofit Projects
6. Power plant engineering
7. New build
8. Project management
9. Steel structural projects
10. Villa and Resorts
11. Solar Power engineering & Installation
12. Commercial Buildings
13. HVAC, Piping and Electrical engineering
14. Home automation
15. Interior designing and Installation

DER SCHOPFER GREEN TECHNOLOGIES

1. Ballast water treatment system retrofits
2. Exhaust gas scrubber system retrofits
3. Low Sulfur Fuel Oil Conversions
4. Hull & Bulbous bow Optimizations
5. Electric propulsion
6. Hybrid propulsion



DER SCHÖPFER

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