



# UTILITY VESSEL 2510

## STANDARD

### GENERAL

Basic functions Fish farm support, buoy laying, maintenance support, dive, ROV and environmental support operations.

Classification Bureau Veritas or equivalent

### DIMENSIONS

Length overall 25.1 m  
 Beam moulded 10.5 m  
 Depth moulded 4.0 m  
 Draught 2.8 m  
 Deadweight 160 t  
 Cargo deck area 120 m<sup>2</sup>  
 Deck load 100 t

### TANK CAPACITIES

Ballast water TBD  
 Fuel oil (service) 60 m<sup>3</sup>  
 Potable water (service) 23 m<sup>3</sup>  
 Sewage 6 m<sup>3</sup>  
 Hold 50 m<sup>2</sup>

### PERFORMANCES (Approx)

Speed 9.0 kn  
 Bollard pull 15 t

### PROPULSION SYSTEM

Main engine 2x Caterpillar C18/A  
 Total Power 894 kW (1200 bhp) at 1800 rpm  
 Gearboxes Reintjes WAF264 reduction ratio 4.5:1  
 Propeller 1350 mm FP in nozzle  
 Rudders 2x fishtail connected with rod  
 Bow thruster 1x 150 ekW, FPP

### ELECTRICAL EQUIPMENT

Networks 400/230 V @ 50 Hz, 24 V DC  
 Main generator sets 2x Caterpillar C7.1 150 ekW @ 50 Hz

### ACCOMMODATION

A ventilated and heated accommodation for 6 persons is fitted. The accommodation includes 2 single and 2 double cabins with private sanitary spaces, a wheelhouse, galley, mess room, a changing room and stores. The wheelhouse offers a seating area, chart table and navigation consoles.

### DECK LAY-OUT

Anchors 2x HHP anchors  
 Capstans 2x 5 t, electrical  
 Deck crane 2x HS Marine AK 30 0.93 t @ 15.01 m  
 Workboat 1x MOB with outboard engine and slewing davit

### SECONDARY SHIP SYSTEMS

Cooling system Fresh water through box coolers  
 Hydraulic system Deck equipment has dedicated HPU electrically driven  
 Sanitary system Vacuum system with sewage treatment plant

### POSSIBLE OPTIONS

#### Aquaculture Support

Deck cranes Alternatives available upon request  
 Towing winch 15 t @ 15 m/min pull and 45 t brake on 1<sup>st</sup> layer.  
 Drum capacity 500 m with 32 mm wire diameter  
 25 t SWL

#### Towing pins

#### Buoy Laying

Deck Crane Alternatives available upon request  
 Chain Clamp Available upon request  
 Wooden working deck Available upon request

#### Research / Diving Support

A Frame Alternatives available upon request  
 4 Point Mooring Alternatives available upon request  
 Moonpool Available upon request  
 Wooden working deck Available upon request  
 Extra Accommodation Available upon request  
 Positioning system Alternatives available upon request

#### Oil Spill Response

Recovered Oil Tank Available upon request  
 Fire Fighting System Alternatives available upon request

#### Inspection, Repair & Maintenance

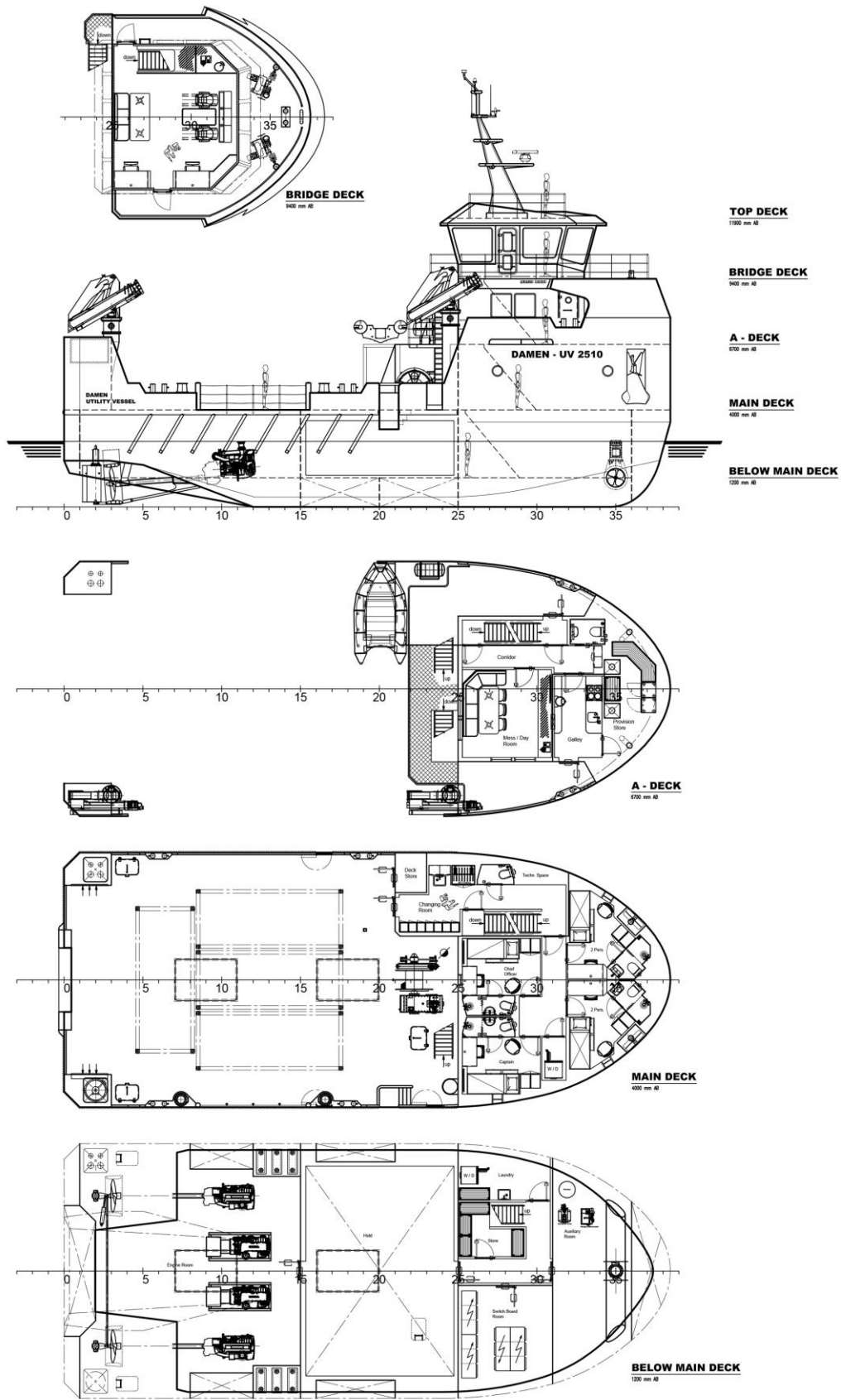
Deck Crane Alternatives available upon request  
 A Frame Available upon request  
 4 Point Mooring Alternatives available upon request  
 Wooden working deck Available upon request  
 Positioning system Alternatives available upon request

All data presented is preliminary and subject to change without prior notice. Artist impression and general arrangement plan may show optional equipment. Options may impact performances. Other options are available upon request.

# DAMEN

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ITEMS MARKED ARE OPTIONAL EQUIPMENT



DAMEN SHIPYARDS GROUP

Avelingen-West 20  
4202 MS Gorinchem  
The Netherlands

P.O. Box 1  
4200 AA Gorinchem  
The Netherlands

phone +31 (0)183 63 99 22  
fax +31 (0)183 63 21 89

info@damen.com  
[www.damen.com](http://www.damen.com)

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