



## CONSTRUCTION / CLASSIFICATION

Type of vessel	DP2 special serviceworkboat
Registration	The Netherlands Vessel complies with SOLAS
Classification	Bureau Veritas + Hull + Mach + AUT UMS +Dynapos AM/ AT R Special Service

## PROPELLING MACHINERY

Main engines 2 x Caterpillar 3512  
 Stern thrusters 2 x HRP 6111  
 Bow thrusters 2 x Caterpillar 3512B, 2 x HPR 6111 retractable  
 Azimuth 1118 kW, 1 x electric driven tunnel thruster 650 kW

## GENERATORS

3 x 850 kW parallel running/PM system  
 1 x 200 kW emergency/harbour generator

## FEATURES

Accommodation for 60 persons, 1 x hospital, 2 x client offices,  
 1 x conference room

## DYNAMIC POSITIONING SYSTEM

Regulatory approved      BV Class AM/AT R

## MAIN DATA

Gross tonnage	5,551 GT
Length overall	90.0 m
Moulded width	28.0 m
Moulded depth	6.5 m
Draught max.	4.70 m (7.00 m bow thrusters down)
Draught min.	1.90 m [includes standard cable lay equipment] (4.20 m bow azimuth down)
Speed max. approx.	9 kn

## CRANES & LIFTING APPLIANCES

6 Point mooring system	6 nos 60 t pull/100 t hold, full CT
Drum capacity	1,000 m Ø 48 mm anchor wire
Anchors	6 nos 7 t SSHP, 5 t stevpris
Optional	pull winch for plough operations 125 t sust./180 t max.
Hydraulic deck crane	18 t at 14 m radius
Main crane	Offshore knuckle boom crane active heave compensation boom length 34 m lifting capacity 140 t

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**TURNTABLE**

Loading capacity	4,400 t
Outer diameter	24 m
Inner core diameter	6.6 m (adjustable to meet cable specifications)
Height of turntable	5.5 (extendable to max. 7 m)
Surface area ring	420 m <sup>2</sup>
Cable speed range	0-1,000 m/hr (loading and laying)
Max product diameter	450 mm
Max product weight	150 kg/m

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**CABLE LAY EQUIPMENT**

Cable tensioners	2 x 5 or 10 t (project specific)
Cable splice area	Deck space is available for jointing activities

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**TANK DIMENSIONS**

Fuel oil capacity	up to 1,400 m <sup>3</sup>
Fresh water maker	2 x 12 m <sup>3</sup>
Fresh water tank capacity	~300 m <sup>3</sup>
Ballast tank capacity	~2,000 m <sup>3</sup>
Ballast pump discharge rate	2 x 400 m <sup>3</sup> /hr
Sewage treatment plant	1