



▶ PICTURE OF SIMILAR VESSEL

GENERAL

Yard number	573109
Basic functions	Bouy laying – Maintenance support
Classification	I ✱ HULL ● MACH Tug/Special Service / Maintenance Support Vessel Unrestricted Navigation DYNAPOS AM/AT ● AUT-UMS

DIMENSIONS

Length overall	39.40 m
Beam overall	10.80 m
Depth at sites	4.00 m
Draught aft	3.00 m
Gross tonnage	494 gt
Deadweight	319 t
Deck area	200 m ²
Deck load	125 t

TANK CAPACITIES

Fuel oil	126 m ³
Fresh water	42.6 m ³
Sewage	20 m ³
Dirty oil	1.5 m ³
Lubrication oil	2.2 m ³
Bilge water	6 m ³
Ballast water	58 m ³

PERFORMANCES

Bollard pull	18.1 t
Speed	11.3 kn

PROPULSION SYSTEM

Main engines	2x Cat C18
Total power	1000 kW (1340 bhp) at 2100 rpm
Propellers	2x 1600 mm FPP in Nozzle
Bow thruster	1x Electric, 250 kW, FP
Stern thruster	1x Electric, 150 kW, FP
Rudder	2x Fish tail rudders

AUXILIARY EQUIPMENT

Networks	400/230/110 V, 60 Hz
Generator sets	3x Cat C9.3, 250 kW each

DECK LAY-OUT

Anchor	2x HHP fore, 1x HHP aft
Anchor winch	1x Electric, with 2 warping heads
Aft nchor winch	1x Electric
Towing winch	10 t at 10 m/min on 2 nd layer, brake holding force 47 t on 1 st layer, 300 m wire capacity (wire diameter 34 mm)
	35 t SWL
Towing pins	30 t MWL
Stern roller	2x 5 t at 15 m/min pull, electric
Capstan	5 t at 15 m, 4 t at 13 m
Crane	5 t at 4m
Aframe	25 and 50 mm
Chainstopper	1x rigid aluminum workboat
Workboat	

ACCOMMODATION

A spacious air-conditioned accommodation for 20 persons is fitted. The accommodation includes 7 cabins for crew and 4 cabins for passengers all with own sanitary space, a large wheelhouse, a spacious mess/dayroom, various stores and a workshop.

NAUTICAL AND COMMUNICATION EQUIPMENT

External communication	GMDSS A3, AIS.
Internal communication	Intercom, internal telephone system
Nautical systems	1x X-band radar and 1x S-band radar, autopilot, ECDIS, DGPS, gyro- & magnetic compass, echosounder, DP

Ø = Optional equipment

