



MACDUFF SHIP DESIGN LIMITED

NAVAL ARCHITECTS / MARINE CONSULTANTS

LOW SHORE
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27.0 m Macduff 'Ness' Class Workboat



PRINCIPAL DIMENSIONS

Length Overall (Hull):	27.00 m.
Length Reg:	23.99 m.
Breadth Moulded:	11.00 m.
Depth Moulded:	4.00 m.
Displacement:	480 t.
Draft:	3.00 m.

CAPACITIES

Oil Fuel:	115,000 Litres.
Fresh Water:	50,000 Litres.
Water Ballast:	63,000 Litres.
Free Deck Space:	90 sq.m.

PERFORMANCE

Bollard Pull:	42 t.
Speed:	11.6 KNOTS.

AUXILIARY ENGINES

Hydraulic set:	Caterpillar C18 587 Hp.
Generator:	Caterpillar C4.4 86 EKW.
Harbour Set:	Caterpillar C2.2 22.5 EKW.

PROPULSION MACHINERY

Main Engines:	3x Caterpillar C32 1000 Hp at 1800 RPM Each.
Gearboxes:	3x Reintjes WAF 464. 5.59:1.
Propellers:	3x 1900 mm in nozzles.
Thruster:	Kort KT 150.

DECK MACHINERY

Crane:	Heila 240 T/M. 13 t at 15m.
Anchor Handling & Towing Winch:	56 t Pull in Towing mode, 101 t Pull in Anchor mode.
Tugger Winch:	15.6 t Pull.
Anchor Windlass:	2.1 t Pull.

ACCOMMODATION

Cabins:	2x Charterers, 2x 1 man & 2x 2 man.
Galley/Mess.	
Office.	
Lounge.	

BASIC FUNCTIONS

Towing, Pushing, Anchor Handling, Dredger service, Supply, Pipe / Hose handling, Survey.

CLASS

BV 1 + Hull ● Mach Tug Unrestricted Navigation.



Registered in Scotland: No. 143359
Registered Office: Johnstone House, 52-54 Rose Street, Aberdeen, AB10 1HA

