

A new addition to the fleet in 2021, the Manor Brunel is a purpose-built platform for the acquisition of detailed hydrographic & geophysical data. Permanently mobilised hardware includes ultra-high resolution multibeam, inertial navigation, dual frequency singlebeam echosounder, RTK GNSS & ADCP.



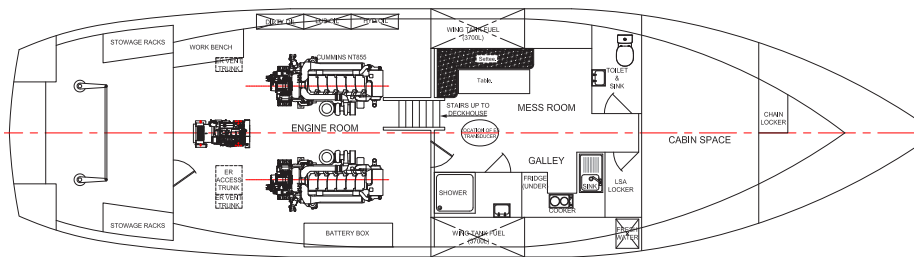
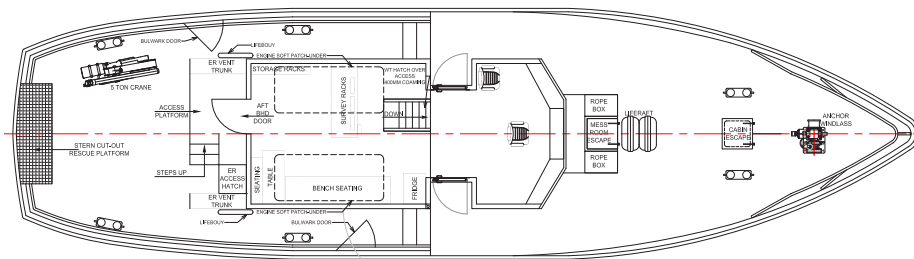
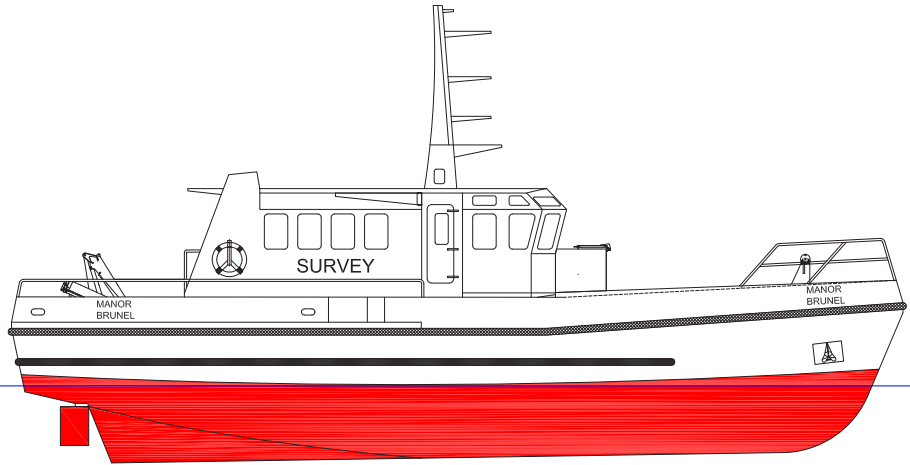
Manor Brunel

19-METRE MULTI-PURPOSE SURVEY VESSEL

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With an A-frame and additional port and starboard poles available the vessel can also mobilise for towfish work with USBL tracking and sub-bottom profiling.



GENERAL SPECIFICATION

Length overall	19.6 metres
Beam	5.8 metres
Max. draft	2.0 metres
Material	Steel
Maximum speed	14 knots
Fuel capacity	8,100 litres
Gross tonnage	41.5 tonnes
Water Capacity	600 litres

MACHINERY

Main engines	2x Cummins NT855M 720hp
Propulsion	Drive shaft
Generator	1x Beta Marine Kubota 20kVA main + 7kVA aux
Deck crane	Copma 2000 75.2, 1.5 tonnes
A-frame	Available on request

SURVEY INSTRUMENTS

Inertial navigation system	Applanix POS MV WaveMaster II RM
Multibeam echosounder	RESON SeaBat T51-R (800kHz)
Singlebeam echosounder	Odom Echotrac E20 Dual Frequency
Sound velocity	SVP-70, Valeport SWIFT
GNSS	NovAtel MarinePak7 RTK
ADCP	RDI Workhorse Mariner (300kHz)
Gyrocompass	TSS MAHRS

CLASSIFICATION

Flag/Coding	UK Cat 2 (60 miles)
Personnel	6 + 2 crew

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ABOUT MRE

Vessel provision, temporary power and engineering solutions for the offshore industry.

www.mreltd.co.uk

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