



# Manor Brunel

The Manor Brunel is a purpose-built dedicated survey platform for the acquisition of detailed hydrographic and geophysical data.

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

Our survey vessel supports a range of offshore services, providing a wide range of survey capabilities to the marine renewable energy, civils and coastal/offshore sectors.



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## KEY BENEFITS

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- Permanently mobilised survey spread
  - High resolution Teledyne T51-R MBES
  - Hydraulically operated pole in dedicated moonpool
  - Hull mounted SBES and ADCP
  - Twin side poles (USBL / SBP etc)
  - Large deck working spaces with 1.5 tonne crane
  - UK CAT 2 (60 miles)
  - Capacity for 6 personnel and 2 crew
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# Description and Features

## GENERAL SPECIFICATION

<b>Length overall:</b>	19.6m
<b>Beam:</b>	5.8m
<b>Max draught:</b>	2.0m
<b>Material:</b>	Steel
<b>Maximum speed:</b>	14 knots
<b>Fuel capacity:</b>	8,100 tonnes
<b>Gross tonnage:</b>	41.5 tonnes
<b>Water capacity:</b>	600 litres

## MACHINERY

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

## SURVEY INSTRUMENTS

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

## CLASSIFICATION

<b>Flag / Coding:</b>	UK Cat 2 (60 miles)
<b>Personnel:</b>	6 pax / 2 crew

