



# RIVERSIDE MARINE

*Always Ready*

## VESSEL SPECIFICATIONS



### RiverWijs Isabelle

#### 42 T BPULL AZIMUTH TRACTOR TUG

<b>Name</b>	RiverWijs Isabelle
<b>Type</b>	Azimuth Drive Tractor Tug
<b>Builder</b>	Keppel Singmarine Pte Ltd, Singapore
<b>Year of Build</b>	2000
<b>Registry</b>	Fremantle, Australia
<b>Classification</b>	Lloyd's Register
<b>Accommodation</b>	6 Crew
<b>Main Engines</b>	Niigata
<b>Model</b>	6L25HX
<b>Fuel</b>	Marine Diesel Engine Burning Marine Gas Oil
<b>Output</b>	1,600 HP
<b>No. of Set</b>	Two (2) Sets
<b>Generator Engine</b>	2 x Perkins LSA442S7, 00
<b>Generators</b>	2 x 802 KWx / 380V / 3PH / 50HZ
<b>Speed</b>	12 knots
<b>Bollard Pull</b>	Minimum bollard pull at maximum continuous output of main engine 42 tons
<b>Endurance</b>	Endurance based on total fuel tank capacity at a speed of 85% M.C.R. nautical miles
<b>Propeller Unit</b>	Two (2) propeller units
<b>Model</b>	Niigata ZP-21
<b>Maximum Continuous Input</b>	1600 PS
<b>Propeller Diameter</b>	2000mm (approx)
<b>Type of Propeller</b>	4-bladed, fixed pitch, Kaplan type with nozzle
<b>Propeller Turning Speed</b>	Approx. 10 sec/180 deg
<b>Length, Overall</b>	27.80m
<b>Length, WL</b>	26.60m
<b>Breadth, Moulded</b>	9.10m
<b>Depth, Moulded</b>	4.20m
<b>Design Draft</b>	2.75m
<b>Deck Height</b>	Main deck – Navigation bridge deck 2.65m Navigation bridge deck – Wheelhouse top 2.50m





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<b>Gross Tonnage</b>	247
<b>Tank Capacity</b>	Fuel oil including service tank – 75m3 Fresh water – 27m3 Ballast water – 50m3
<b>Towing Hook</b>	One (1) Mampaey towing hook of 40T S.W.L. fitted aft of the deck house on the upper deck, and provided with pneumatic remote release in the wheelhouse and local quick release able to be operated at maximum load.
<b>Aft Towing Winch</b>	Aft towing winch electro-hydraulic driven from the same hydraulic unit as the forward windlass/winch.
<b>Maker</b>	Zicom
<b>Drum Capacity</b>	220m x 12 inches circumference PP rope
<b>Pull</b>	5t at 25 m/min
<b>Brake</b>	100 tons
<b>Clutch Dogged Type</b>	Hydraulically Pneumatically Operated
<b>Warping Heads</b>	Both Ends



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Vessel details are assessed to be correct but not guaranteed and are without warranty. Owners reserve the right to amend this *Vessel Specification Sheet* without notification. Interested parties should inspect vessel's certificates, drawing or physical inspection of vessel.

