

34m Multi-Purpose Tug



Vessel Specifications

Overall Dimensions

Length	111'-5" (34 m)	Fuel Oil	117,000 gal (385 MT)
Breadth	42'-6" (13 m)	Lube Oil	500 gal (1.6 MT)
Depth	18'-0" (5.5 m)	Propulsion	2 x Niigata ZP-41
Bollard Pull	80 MT (178,000 lbs)	Hawser Winch Aft	JonRie
Main Propulsion	2 x Cat 3516 C 6,300 bhp (4,700 kW)	Hawser Winch Forward	JonRie
Auxiliary Engines	2 x Cat C9, 215 kW	Tonnage	US Regulatory <200 International <500

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This design was developed to perform several major roles: Harbor Ship Assist, Open Water Escort, Salvage and Open Water Line Haul. A half Foc'sle arrangement forward allows for a higher freeboard for operating in weather in the open water while keeping the bow escort winch reasonably low to the waterline. Deep skeg forward maximizes escort performance while not compromising the vessel's maneuverability.

A large control room is located below the Main Deck, while 3 staterooms are located forward on the stepped deck with the Galley and Mess. The deckhouse has three additional staterooms for the officers and additional crew, with a total berthing capacity of up to 15 people. Full 360 degree visibility from the helm is assured with windows all around the pilot house.

Deck Machinery includes a double drum winch aft, suitable for not only tows, but also light anchor and salvage work. A single drum escort winch forward is installed for escort work. Twin capstans/vertical catheads handle lines and the anchor chain.

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