



Tug 19 m

General

Yard no.	
Delivery date	
Basic functions	Towing, pushing and mooring
Classification	BV Bureau Veritas I hull . MACH Tug Un restricted Navigation

Dimensions

Length o.a.	19,00 m
Beam o.a.	6.00 m
Depth at sides	2.85 m
Draught aft	2.20 m

Tank capacities

Fuel oil	: 30.00m3
Fresh water	: 9.67 m3
Sewage	: 1.7 m3
Bilge Water	: 1.3 m3

Performances (trials)

Speed	:10.5 knots
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Propulsion System

Main engines	: 2 x Cummins KTA19-M
Total power	: 700 BHP at 1800 RPM
Gearboxes	: 2 x Twin Disc MG516
Propulsion	bronze ,480 N/S, 4 blades

Auxiliary equipment

Generator sets	2 x 20 Kva owner specified type
Battery Sets	2 x 12V 200 Ah with change over
Alarm system	Engines ,gearboxes ,bilge alarm ,fire detection
Bilge pump	1Desmi SA50-180/4self-priming centrifugal pump
Ventilation	Myson 19G.4P electrically driven of 60 m ³ /min
Fire system	1Desmi SA50-180/4 self-priming centrifugal pump to be provided for 3 m head. Two fire hydrants are to be provided on the main deck, automatic cut in/cut out of the pump at approximately 1.4/2.8 kg/cm pressure.

Deck lay-out

Anchors	2 x 140 Kg stockless anchor
Cables	2 x 110 m
Fendering	Rubber block fender with tyre fendering around hull
Life raft	2 on top deck ,6 person each

Accommodation

Wheel house	1
Main deck	2 officer rooms , 2 rooms x 6 crew and gally
Below MAIN DECK	2 rooms x 6 crew

Nautical and communication equipment

Radar	Twin balanced rudders
Search Lights	2units1000W Searchlights. for 360 degree search
Echo sounder	Digital/recorder type q
One "low band" VHF multi-channel radio telephone	
Emergency watch receiver	
2182 MHz	

