

M.T. MEHRAN



OUTLINE SPECIFICATION

3,200 BHP TWIN SCREW MULTI-PURPOSE TUG

For Harbor Operation, Standby (Towage, Pushing, Relocation & Fire-Fighting) to Offshore Oil Drilling Platform & FPSO, Ocean-going towage, etc

Classification Notation	B.V. ✱ 1A1 TUG (INTERNATIONAL)
Navigation Areas	Unrestricted (International)
Flag	Pakistan
Year Built	2003

Dimensions & Capacities	Main Machinery & Propulsion Unit	Main Radio & Nav. Equip.
Length O.A. (M) 26. 80	Main Engine BHP 1,600 x 2 @1,800rpm	GMDSS
Beam MLD. (M) 8. 00	Quantity Two	SSB ICOM IC-M710
Depth MLD. (M) 3. 80	Make Cummins-USA	VHF ICOM IC-M59
Design Draft (M) 3. 00	Model Cummins KTA50-M2	GPS KODEN KGP-913
Max. Draft (M) ~3. 20	Marine Gensets 45kW/3ph/220, 380V/50Hz	AutoPilot SIMRADAP-45
GRT 233. 00	Quantity Two	WeatherFax FURUNO Fax-207
Fuel Oil Tank (MT) ~155. 00	Make Cummins-USA	Radar JRC JMA2254
Fresh Water Tank (MT) ~35. 00	Model Cummins 45MXDA	Radar Responder MCMURDORT9
Main Towing Equip. & Deck Machinery	Marine Red. Gearbox ZF-MASSON RSL1250	Electronic Whistle E3M-24
Butterfly Short Shank Towing Hook	Quantity Two	Mag. Reflector CPT-165
50MT SWL Trial load 125MT	Make ZF MASSON-Germany	Compass
(electro-hydraulic quick release)	Reduction Ratio 6.01: 1	Panel Type LCT-165
Towing Wire: ϕ 46mm x 600M	Propeller Fixed pitch screws with kort nozzle two sets	Compass
Electro-Hydraulic Towing Winch:	Electric-hydraulic Steering Gear Rexroth Germany, 5 T-M	SoundPower VSZ3-8k
50MT Braking Load	Oily Water Separator YSCZ-0.25DM	Telephone
(electro-hydraulic quick release)	Fuel Type Marine Diesel Oil	Echo Sounder Marinetek MAX6
Bow Towing Bitt: 80MT SWL	Main Fire Fighting & Life Saving Equip	EPIRB MCMURDOE3
Aft Towing Bitt: 135MT SWL	In compliance with SOLAS and flag country	Walkie Talkie ICOM IC-GM1500E
Electric Windlass 18.23kN-20.5mm	fire-fighting & life-saving facilities requirement	
Electric Capstan 6/2.5kw- ϕ 300mm	As per DNV Rules CO ₂ Room requirement	
Anchor & Anchor Chain:	External Fire Fighting Monitor: ~400 cbm/hr, range>100M	
Hall's anchor 350kg x 2	Portable Fire Extinguisher: 8 x 9kg foam, 8 x 3 kg CO ₂ , 4 x 8kg Dry Powder;	
Anchor chain ϕ 20.5mm x 192.5M	1x 45 L Foam Fire Extinguisher (cart-pushing); One set Fireman out-fit, etc.	
	Electric Fifi General Pump power: 36cbm/hr	
	Standby Fifi Pump power: 36cbm/hr	
	Emergency Motor Fifi Pump power: 36cbm/hr	
	International Standard type Fifi General connector	
		Air cooling system
		Air-conditioners for wheelhouse, messroom. High-rated ventilator & marine fan for other crew cabin.
		Accommodation & Galley
		2 x Senior Officer Cabin
		2 x 6 Berth Crew Member Cabin
		Total Accommodation: 14
		Freezer space (M ³) : 2.5
		Refrigerator (M ³) : 2.5
		4 Hd Electric Stove (Incl. oven), etc.

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