

# M/TUG BUGSIER 12

## Principal Characteristics



Type of vessel: Tug  
Classification: ABS  
Notations: +A1, Towing Vessel, FFV Class 1, +AMS, +ACCU, UWILD, ENVIRO, BP (xx)  
Owner: German  
Designer: CintranaVal-Defcar, Spain  
Builder: Bogazici Denizcilik A.S., Turkey  
Construction material: Steel  
Length overall: 32,00 meters  
Length bp: 27,00 meters  
Moulded breadth: 12,50 meters  
Depth: 5,60 meters  
Design draft: 4,15 meters  
Tonnage : 497 GRT  
Speed: 12.5 knots (min)  
Bollard pull: 85 tonnes ahead  
Main engines: 2 x ABC 12 DZC 1000-168-A, each 2500kW at 1000rpm  
Propulsion: 2 x Schottel SRP 4000 CP  
Bow Thruster: Schottel 250 kW  
Auxiliaries: 2 x Volvo Penta D9 HCM 434C , 168 kW each  
Hydraulic Fore Towing Winch and Combined Anchor Windlass: Kraaijeveld Safe Winch, Single split drum, 2 x 200 m x 56 mm UHMWPE rope, Nominal pull (1st layer) 70 T, Brake holding load 200 T  
Hydraulic Aft Towing winch : Kraaijeveld, Double drum, Nominal pull (1st layer) 60 T, 800 + 400 m x 52 mm steel wire, Brake holding load 200 Ton  
Hydraulic Tugger winch with single warping head: Kraaijeveld, Nominal pull (1st layer) 20 T, 100 m x 24 mm steel wire, Brake holding load 25 Ton  
Reel winder: 800 m drum capacity  
Towing hook: Data, 90 tonnes SWL  
Towing Pins & Fork: Hydraulic type  
Stern roller: SWL 130 T  
Crane: Palfinger PK 18500 (M)  
Fire Fighting: FFS / FIF1-1  
Fi-fi monitors: FFS, 2x1200/300 m<sup>3</sup> Water/Foam monitors  
Foam capacity: 15 m<sup>3</sup>  
Fuel capacity: 267 m<sup>3</sup>  
Freshwater capacity: 30 m<sup>3</sup>  
Navigation/communication: Unrestricted navigation GMDSS Area A3  
Crew (sea/port): 10 (6/3)