

# M/TUG BUGSIER 11

## 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 / FIFI-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)