

**// BOGAZICI**

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CND 32.5 M  
70 TBP

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TECHNICAL DESCRIPTION

**// BOGAZICI**

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# CND 32.5 M - 70 TBP

Designer	: CINTRANAVAL – DEFCAR / Spain
Length Overall	: 32.50 m
Length B. P.	: 27.60 m
Breadth Moulded	: 11.70 m
Depth	: 5.60 m
Design Draft	: 4.30 m
Complement	: 10
Capacities (approx.)	: Fuel 253 m <sup>3</sup> Fresh Water 53 m <sup>3</sup> Foam 25 m <sup>3</sup> Recoil 53 m <sup>3</sup> (optional)
Free Running Speed at full power	: 13 knots
Bollard Pull	: 70 tonnes
Services / Capabilities	: Ship-Assist Escort Operation Open sea and Coastal Towing External Fire-Fighting including Waterspray Oil Spill Response/Oil Recovery (optional) Salvage operations (optional)
Classification Society	: Bureau Veritas
Classification	: I <input checked="" type="checkbox"/> HULL <input checked="" type="checkbox"/> MACH, Escort Tug; Fire Fighting Ship 1; - Water Spraying, Unrestricted Navigation, <input checked="" type="checkbox"/> AUT-UMS, IWS Salvage Tug (optional) Oil Rec. Ship (F.P.>60°C) (optional)
Main Engine	: CATERPILLAR, 2 x Type 3516C, 2100 kW, 1600 rpm
Propulsion	: SCHOTTEL, 2 x Type SRP 1515 CP AZIMUTH THRUSTER
Diesel Generators	: CATERPILLAR, 2 x Type C6.6 143 kW or C9 150 kW , or VOLVO-PENTA, 2 x Type D9 168 kW Ship Service DG Sets
Fire Fighting System	: FFS FIRE FIGHTING SYSTEMS or MARSIS, Class notation – Fi-Fi 1
Sewage Treatment Unit	: FACET, Type STP 0.5, 0.6 m <sup>3</sup> /hr capacity
Bilge Water Separator	: FACET, Type CPS 3.2 E + EBM 14x1, 0.73 m <sup>3</sup> /hr flow
Fuel Oil Separator	: ALFA LAVAL, Type MAB 103 B-24
Air Compressor	: J.P. SAUER, 2 x 32 m <sup>3</sup> /hr, 30 bar with 2 x 250 lt 30 bar Air Bottles
Search Light	: SEEMATZ, 2 X Type EFA 463 HGS, 2000 Watt
Navigation /Communication	: GMDSS Area A3
Deck Machinery	: C. KRAAIJEVELD B.V. - Single Split Drum Escort Towing Winch, Drum capacity; 2 x 200 m x 54 mm dia UHMWPE rope Drum Pull = 70 T (1st layer), Drum Brake Holding = 200 T (static) - Double Drum Aft Towing Winch, Drum capacities of 800 m + 400 m x 52 mm dia steel wire Drum Pull = 45 T (1st layer), Drum Brake Holding = 150 T (static)  - Towing Hook of SWL 70 tons, quick release disc type, - Towing Pins ; hydraulic type - Stern Roller – SWL 130 tonnes
Deck Crane	: PALFINGER, Type PK 18500 M, Knuckle Deck Crane, 1150 kg at 12.4 m.
Paint System	: HEMPEL

