



# CUMOWNIK 3 + 4

## SINGLE SCREW TUG

MAIN DATA	
Type :	Single Screw Tug
Length over all :	8,62 m
Breadth over all :	3,82 m
Draft :	1,68 m
Class :	Polish Register of Shipping PRS
Bollard Pull :	3,2 t
Speed :	8,3 kn
Built :	2014/2015
Bunker Capacity :	Fuel Oil 0,84 m <sup>3</sup>
ENGINES	
Horsepower :	247 BHP
Main Engines :	Volvo Penta D7C-BTA
Propulsion Power :	182 kW at 2.100 rpm
Gearbox :	Twin Disc MG-5091SC, 3.33:1
Propeller :	Kaplan Fixed Pitch, 900 mm diam.
Nozzle :	Optima Ø 910 mm
Rudder :	Double Plated
Steering Gear :	Powered-Hydraulic 60° + Rudder Indicator
Bow Thruster :	1 x 11 kW
TOWING GEAR	
Towing Hook :	7 tons
AUXILIARY EQUIPMENT	
Battery Set :	24 V 200 Ah
Alternator :	140 A Main Engine Driven
Alarm System :	Engines, Gearboxes + Bilge Alarm
Bilge Pump :	Electric Driven
Fuel System :	With Fuel Filter and Water Separator
Cooling System :	Closed Cooling Channels
Exhaust System :	With 45 dB(A) Silencer With Spark Arrestor, Through The Stern
Grease Pump :	Electric Driven, With Timer
DECK LAY-OUT	
Anchor :	2 x 40 kg High Holding Power
Towing Hook :	Execution With Quick Release Disc, SWL 7 ton
Capstan :	Hydraulic Vert. Execution, 750 kg
Life Saving :	1 x Life Buoy, 2 x Life Jackets First Aid Kit
Fire Fighting :	1 x Portable Dry Powder Extinguisher, 2 x Portable CO <sup>2</sup> Extinguisher
Rope Guard :	Pipe 48 x 5 mm

Particulars of this unit and inventory believed correct at time of printing but subject to change.  
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