

SVITZER

PORT & COASTAL TUG

Svitzer Muiden

60 TON BOLLARD PULL, AZIMUTH STERN DRIVEN



Classification:	100 A1 TUG, FIFI 1, LMC, UMS
Length:	30,30 m
Breath:	11,50 m
Draught max:	3,90 / 4,60 m
GRT / NT:	384 / 115
Free deck space:	7.50 x 5.87
Max speed:	13,3 knots
Propulsion:	CATERPILLAR MAK

SVITZER

SHIP PARTICULARS

MT SVITZER MUIDEN

IDENTIFICATION	
Name	Svitzer Muiden
Callsign	PBGX
Port of Registry	Amsterdam
Flag state	Netherlands
IMO number	9292888
MMSI number	21900 5665
Owner	A/S Em. Z. Svitzer
Ship manager	Svitzer Amsterdam B.V.
Classification society	Lloyd's Register
Class notation	Malteze cross 100 A1 Tug. Fire Fighting I IWS, LMC, UMS
Date keel laid	2004
Date of delivery	December 2004
Shipyard	Baltija Shipbuilding Yard

MAIN DIMENSIONS		
Length o.a.	30.30	metres
Length waterline	25,60	metres
Beam	11,50	metres
Depth moulded	5,30/5,70	metres
Draught	3,90/4,60	metres
Deadweight	225	tonnes
Gross tonnage	384	tonnes
Net tonnage	115	tonnes
Clear deck space	60	square metres from drawing

PERFORMANCE		
Maximum speed	13,7	Knots
Bollard pull ahead	60	metric tonnes
Bollard pull astern	57	metric tonnes

CAPACITIES		
Accommodation	6	bunks
Freshwater	23,5	cubic metres
Fuel	214,7	cubic metres
Ballast water	65,4	cubic metres
Foam	30	cubic metres

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PROPULSION		
Main engines		
Number	2	
Manufacturer	Caterpillar MAK	
Model number	MAK 6m25	
Continuous rating	2x 1800	kW
Speed	750	RPM
Fuel consumption 100%	17,9	cubic metres
Propulsion		
Number	2	
Manufacturer	Aquamaster	
Model number	US 205 CP	
Propellor diameter	2400	millimetres
Propellor speed	266	RPM
Bow thrusters		
Number	1	
Manufacturer	Rolls Royce	
Model number	45 TV	
Propellor	1000 mm	
Drive	Electrical	
Thrust	200	KW

GENERATORS		
Auxiliary engines		
Number	2	
Manufacturer	Caterpillar	
Model number	3406 DITA	
Continuous rating	229	kW
Speed	1500	RPM
Fuel consumption	2	cubic metres / 24 hours
Coupling of generators	Yes	
Harbour engines		
Number	1	
Manufacturer	Caterpillar	
Model number	3054	
Continuous rating	68,5	kW
Speed	1500	RPM
Fuel consumption	2	cubic metres / 24 hours

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EQUIPMENT	
Towing	
Winch forward	Rolls Royce 126 m/t
Towinghook	Mampey GCX 50/65, 130 m/t SWL
Capstan	Yes
Crash rails	No
Stern roller	No
Navigation	
Magnetic compass	Yes
Gyro compass	No
GPS	Yes
Radar	Yes
Echosounder	Yes
Auto pilot	Yes
Communication	
GMDSS area	A1
VHF	Yes
Other	
Fire Fighting equipment	FiFi I, 2400 M ³ /H self drenching system
Deck crane	Heila Marine Crane 6,5 m, 1440 kg
MOB boat	Yes
Search lights	Yes