



ASTILLEROS ZAMAKONA, S.A.

SHIPYARD

VOITH TRACTOR TUG C-615 and C-616

Applications: Ocean towage, coastal towage, harbour towage – Anchor Handling
Classification: Germanischer Lloyd. Class: +100 A5 E TUG FIF1 1 + MC E AUT



MAIN CHARACTERISTICS:

Length o.a.	36,50 metres
Beam, moulded	12,50 metres
Depth at sides	4,90 metres
Max. draft	6,25 metres
Crew	12 men
Bollard pull	65 tons.
Speed	14 knots

PROPULSION

Main engines	2 x MAK
Type	8M25
Output	2x3.590 BHP
	(2x2.640 kW)
R.P.M.	750
Propellers	VOITH
Type	32R5GII/250-2

DECK MACHINERY

Windlass	
Towing winch	160 tons. brake holding capacity
Towing hook	70 tons. SWL
Deck crane	4.100 kgs/2 m.
	750 kgs/8 m.

FI-FI SYSTEM (WATER/FOAM)

Class	FI-FI 1
Fi-Fi pumps	1x1.500 m ³ /h. 15 bars
	1x1.200 m ³ /h. 15 bars
Fire drenching arrangemen	

TANK CAPACITIES:

Fuel oil	230 m ³
Fresh water	25 m ³
Lubrication oil	12 m ³
Foam	15 m ³

AUXILIARY GENERATING SETS

Diesel engines	CATERPILLAR
Output	2 x 290 HP
Alternators	LEROY SOMER
Output	2 x 240 KVA
	380 V., 50 Hz.
R.P.M.	1.500

MISCELLANEOUS

Air conditioning plant
Sewage plant



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