



## AZIMUTH STERN DRIVE TUG 2635 "TÜRKELİ"

### GENERAL

Yard number	NB 18
Delivery date	June 2017
Basic functions	Towing-Mooring-Escort-Fire Fighting
Classification	TL +1A5 Escort Tug +M AUT-8h
Flag	TURKEY
Owner	Directorate General of Coastal Safety

### DIMENSIONS

Length overall	26m
Beam overall	9.5m
Depth at sides	4.65m
Loaded Draught	3m
Displacement	416 t

### TANK CAPACITIES

Fuel oil	32,3 m3
Fresh water	8,25 m3
Sewage	15,2 m3 (Black+Grey Water)
Dirty oil	2 m3
Lubrication oil	2,7 m3
Bilge water	2,7 m3
Dirty oil	2 m3
Sludge	2 m3

### PERFORMANCES

Bollard pull ahead	37,2 t
Bollard pull astern	35,1 t
Speed ahead	12,8 kn
Speed astern	12 kn

### PROPULSION SYSTEM

Main engines	2xYanmar 12 AYM-WET
Total power	2280 kw (3100HP) at 1840 rpm
Azimuth thrusters	2xSchottel SRP 1012FP
Propeller diameter	1900mm
Forced ventilation	2x32.000m3/h
Automation	Lyngso Platinum Automation Alarm Monitoring System

### ACCOMMODATION

For 6 persons, completely insulated, fully air conditioned.  
4 crew cabins, 1 office, 1 messroom, 1 galley, 3 WC/shower cabins  
Inner walls with type approved B0-B15 type panels  
Ceilings with type approved B0 type panels  
A60 type floating floors for fire and sound insulation

### AUXILIARY EQUIPMENT

Generator sets	2xAKSA AVR120 120eKw 380V 50Hz
Fifi system	1x300m3/h diesel driven Fifi pump 1x300m3/h remote controlled FFS water monitor
Bilge pumps	2xStandart 25m3/h Self Priming
Fire/Ballast pumps	2xStandart 25m3/h Self Priming
Fuel pumps	1xStandart 2,5m3/h gear pump
Dirty oil pump	1xStandart 2,5m3/h gear pump
Fuel Seperator	Alfa Laval MAB103 Mawa
Hydraulic system	Double electric driven pumps
Air Compressors	2xDalgakiran DKC200 8bar air compressors
Other	Pre-heating and pre lubricating units for main engines

### DECK LAY-OUT

Anchors	2x270kg HHP
Anchor/towing winch	Hydraulic driven split drum, 30tons pull up to 6m/min and 25m/min slack rope speed, 90tons brake DATA SWL40tons Toimil T10500/3 (remote controlled) 900kg at 10meters outreach Electric driven 5tons 10m/min Cylindrical and key type rubber bow fenders D-Type fenders all around Aircraft tyres protecting the rubber fenders
Towing hook aft	
Crane	
Crane capacity	
Capstan	
Fendering	

### NAUTICAL AND COMMUNICATION EQUIPMENT

Searchlight	2xKorel 500W Xenon
Radar system	Koden MDC-7912P
Ecdis	Simrad Maris 900MK5
Compass	Lilley&Gillie MK2000
GPS Compass	Anschütz JLR-21
dGPS	SAAB R5
Echosounder	Skipper GDS102
VHF radio telephone	Cobham Sailor 6222
VHF hand-held	2xSailor SP3520 GMDSS DSC + 2xICOM M73
Navtex	Cobham Sailor 6931
AIS	Cobham Sailor 6280
EPIRB	Jotron Tron 40S MKII
Sart	Tron Sart20
Anemometer	Walker 2080MKII
S-VDR	Danelec DM-100
SAT TV	Cobham Seatel ST24
SP Telephone	Zenitel Vingtor VSP211L
Automatic Telephone System	LG Ericsson Aria Soho
Public Address System	Zenitel Vingtor SPA-240
Talkback System	Zenitel Vingtor ETB-100
CCTV System	IRIS 816
Network Distribution System	Zyxel GS1900-8
GMDSS Charger	Cobham Sailor 6081