



## DAMEN STAN TUG® 2208 "DUMA"

### GENERAL

YARD NUMBER	509650
BASIC FUNCTIONS	Towing, mooring and fire fighting
CLASSIFICATION	Bureau Veritas 1 ✱ Hull • MACH Tug Unrestricted Navigation Incl. tonnage and loadline certificates
OWNER	Tanzania Ports Authority
COUNTRY	Tanzania

### BUILDING YARD

NAME	Damen Shipyards Cape Town
COUNTRY	South Africa

### DIMENSIONS

LENGTH O.A.	22.64 m
BEAM O.A.	7.84 m
DEPTH AT SIDES	3.74 m
DRAUGHT AFT	3.50 m
DISPLACEMENT	275 ton

### TANK CAPACITIES

FUEL OIL	36.7 m <sup>3</sup>
FRESH WATER	8.6 m <sup>3</sup>
FOAM	3.4 m <sup>3</sup>
LUBRICATION OIL	2.9 m <sup>3</sup>
DIRTY OIL	1.6 m <sup>3</sup>
BILGE WATER	2.6 m <sup>3</sup>
WATERBALLAST	13.4 m <sup>3</sup>

### PERFORMANCES

BOLLARD PULL	38.3 ton(m)
SPEED	12 knots

### PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar 3512B TA / B
TOTAL POWER	2028 bkW (2720 bhp) at 1600 rpm
GEARBOXES	2x Reintjes WAF 665L / 5.95 : 1
PROPELLERS	2x Kaplan II fixed pitch propellers
NOZZLES	2x 2200 mm Van de Giessen

### AUXILIARY EQUIPMENT

GENERATOR SETS	2x Cat C 4.4 T, 230/400 V, 64.5 kVA, 50 Hz
BILGE PUMPS	2x Sterling SIHI AKHA 5101 each 20 m <sup>3</sup> /hr
FUEL OIL PUMPS	2x Sterling SIHI AOHA 3101 each 4.5 m <sup>3</sup> /hr
COOLING SYSTEM	Closed cooling system
FIFI SET	Separate diesel driven pump of 600 m <sup>3</sup> /hr at 10 bar
FIFI MONITORS	2x water/foam of 300 m <sup>3</sup> /hr each

### DECK LAY-OUT

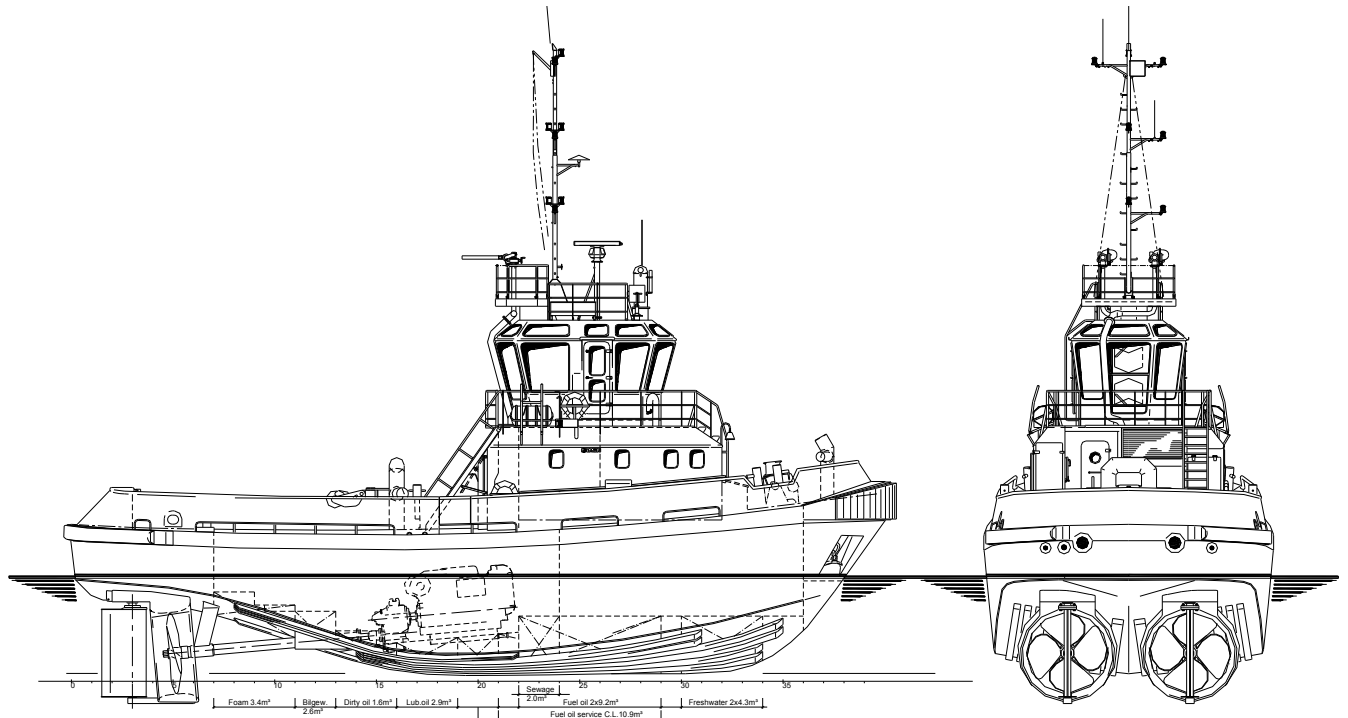
ANCHORS	2x 225 kg Pool (High Holding Power)
CHAIN	247.5 m, chain 16 mm (stud link)
ANCHOR WINCH	Electric, 10 m/min, incl. warping head
CAPSTAN	Electric, 3 ton at 15 m/min.
TOWING HOOK	Mampaey, 45 ton
FENDERING	Rubber bow and stern fenders

### ACCOMMODATION

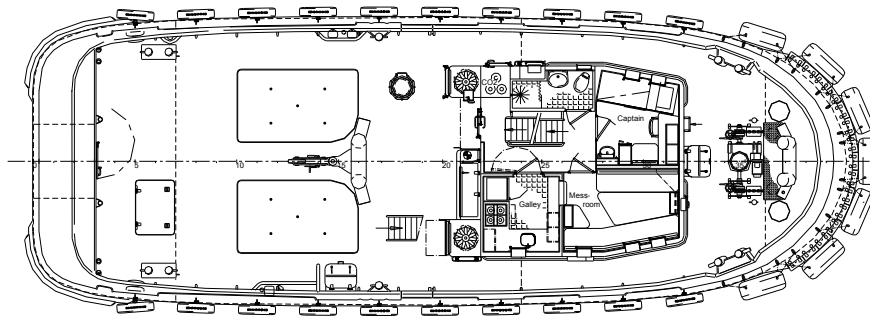
Accommodation for 8 persons, completely insulated and finished with durable modern linings, acoustical Dampa ceiling in the wheelhouse and floating floors. Air-conditioned and heated accommodation, with 5 cabins, galley, mess/dayroom and sanitary facilities.

### NAUTICAL AND COMMUNICATION EQUIPMENT

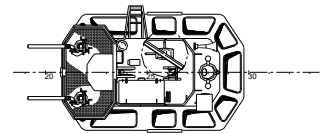
SEARCHLIGHT	Pesch 1000 W
RADAR SYSTEM	Furuno FR-8062
COMPASS	Magnetic, Kotter type
AUTOPILOT	Simrad AP-50
GPS	Furuno GP-150
ECHOSOUNDER	Furuno LS-6100
VHF	Sailor RT5022, 25 W
SSB	Furuno FS-1570
NAVTEX	Furuno NX-700
AIS	Furuno FA-150



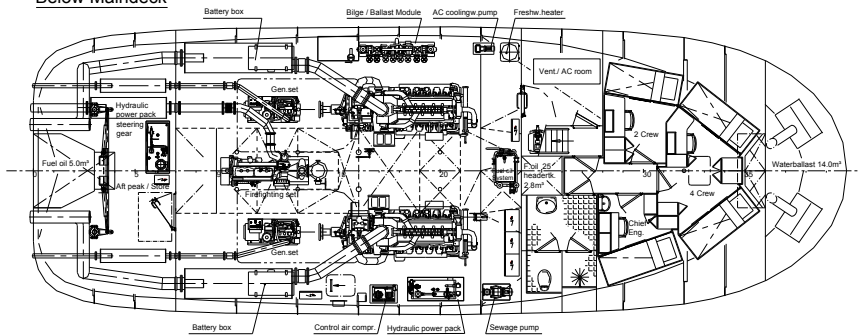
Maindeck



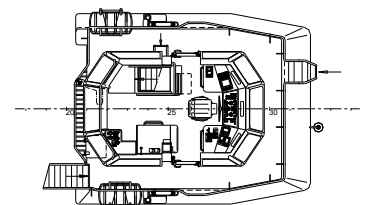
Topdeck



Below Maindeck



Bridgedeck



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"DUMA"

**DAMEN**

DAMEN SHIPYARDS GORINCHEM

Member of the DAMEN SHIPYARDS GROUP



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