

# Svitzer Melton

## Twin Azimuth Stern Drive



### General Particulars

Length Overall	32.72 m
Breadth	11.96 m
Draft (max)	3.80 m
Gross Tonnage	381
Port of Registry	Felixstowe
Built	1996
Bollard Pull	60 tonnes
Service Speed	13.5 knots

### Capacities

Fuel	97 tonnes
Fresh Water	29 tonnes
Ballast	65 tonnes

### Class

Lloyd's  
+100 A1 Tug Limited Area; LMC; UMS  
MCA Class IX

### Main Power Plant

2x Ruston 6RK270 main engines  
Total Rated Power 3600kW

### Propulsion

2x Aquamaster Type US 2001/3325 Propeller Units

### Electrical

2x Cummins 6BT5.9G1-M auxiliary engines driving  
2x Newageint UC27 generators each 70kW 3ph 440v

### Deck Machinery

Fwd winch Ulstein Bratvaag hydraulic, remote controlled independent split-drum, 125t brake, each drum fitted with 120m x 80mm dia synthetic fibre rope

Aft winch Ulstein Bratvaag hydraulic, remote controlled single-drum, 125t brake, fitted with 140m x 800 mm dia synthetic fibre rope

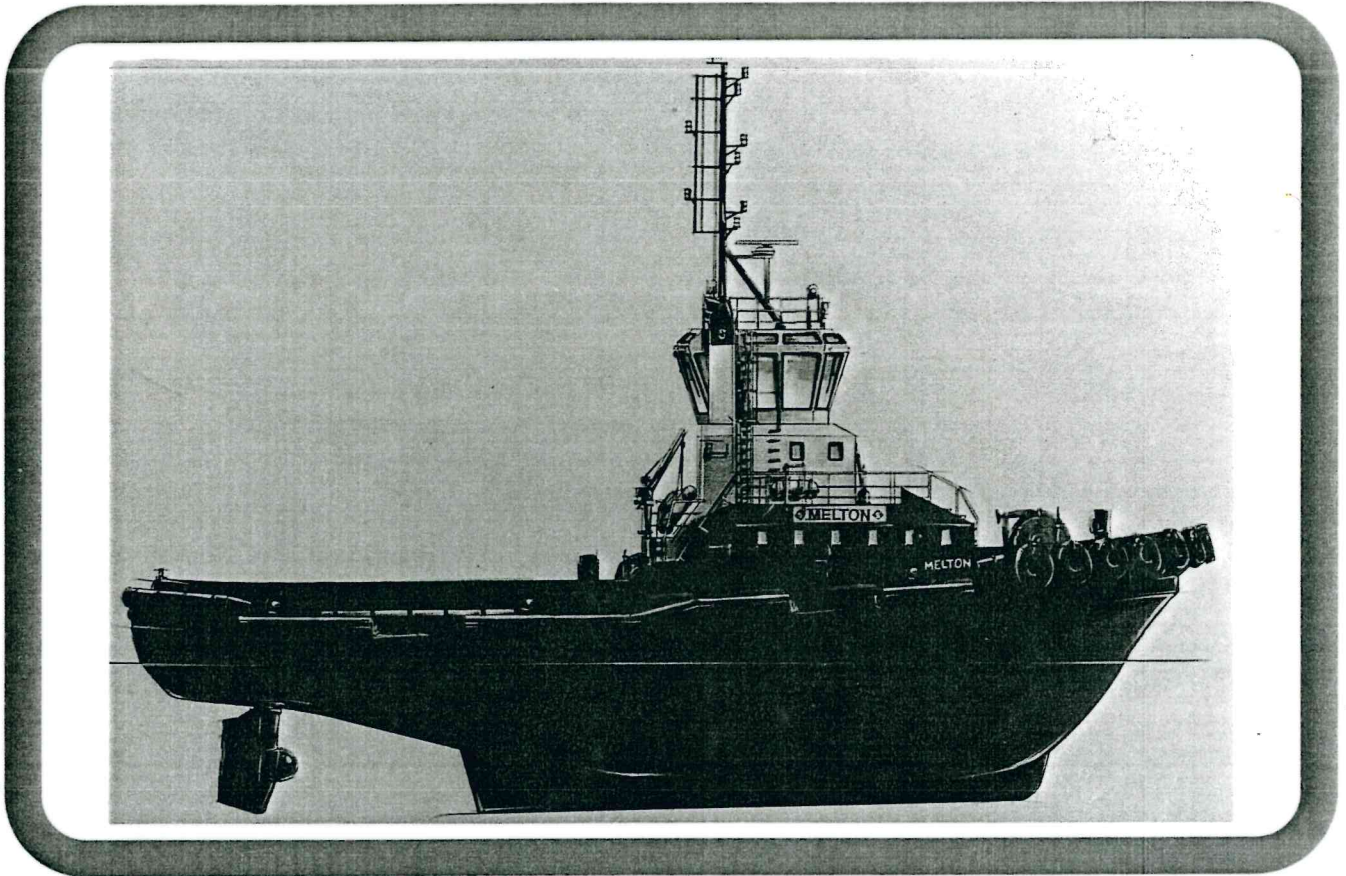
*All specifications listed in good faith, but without guarantee.*

*Last updated 18 November 2004.*

# SVITZER

## Damen ASD Tug<sup>®</sup> 3211

"MELTON"



### General

Yard no. : 7906  
Delivery date : May 1996  
Basic functions : Towing and mooring operations  
Classification : Lloyd's Register of Shipping  
+ 100 A1 Tug Limited European Area  
+ LMC UMS  
Nat. authorities : MSA Class IX

### Dimensions

Length o.a. : 32.72 m  
Beam o.a. : 11.96 m  
Depth at sides : 5.00 m  
Draught aft : 4.60 m  
Displacement : 660 ton(m)

### Tank capacities

Fuel oil : 97.8 m<sup>3</sup>  
Fresh water : 29.9 m<sup>3</sup>  
Ballast water : 65.0 m<sup>3</sup>  
Sludge : 2.9 m<sup>3</sup>  
Dirty lub. oil : 2.9 m<sup>3</sup>  
Clean lub. oil : 7.1 m<sup>3</sup>

### Performances (trials)

Bollard pull:  
ahead : 60.1 ton(m)  
astern : 56.6 ton(m)  
Speed:  
ahead : 13.8 knots  
astern : 13.2 knots

### Propulsion System

Main engines : 2x Ruston 6RK 270  
Total power : 3600 bkW (4827 bhp) at 1000 rpm  
Azimuth thrusters : Aquamaster US 2001/3325  
Propeller diameter : 2400 mm

### Auxiliary equipment

Generator sets : 2x Cummins 6BT 5.9 G1  
Capacity : 87.5 kVA each, 50 Hz, 220/380 V  
Bilge water sep. : Facet 0.5 m<sup>3</sup>  
Sewage plant : Hamworthy

### Deck lay-out

Anchors : 2x 427.5 kg Pool (High Holding Power)  
Chain (tot.) : 302 m stud-link, dia. 22 mm  
Fore & aft winch : Ulstein, 10 ton pull, 125 ton brake  
Davit : Acta, 500 kg SWL

### Accommodation

Heated and ventilated living spaces for 4 persons, consisting of 4 cabins, stores, galley-mess/dayroom and sanitary spaces

### Nautical and communication equipment

Searchlight : 2x 1000 W Pesch  
Radar system : Racal Decca Bridgmaster  
Compass : Magnetic  
GPS : AP Navigator AP8  
Echosounder : Raytheon V850  
VHF radio teleph. : 3x Sailor RT-2048  
Intercom : Phonetech  
Navtex receiver : Lokata Navtex 2  
VHF hand-held rec : 2x Icom GM1500

Owner SVITZER MARINE



