

## FMB09119 – Damen Multi-cat 2611



### General

Builder: Damen  
Classification: Classification : Bureau Veritas I HULL MACH Tug, Unrestricted Navigation, Nat. Authorities: MCA workboat class 1:150 miles from shore  
Basic functions : Anchor handling, dredger service, supply, Towing, hose handling, survey, ship assist

### Dimensions

LOA: 26.00m  
BRD: 11.50m  
DFT: 2.25m (aft)  
DPT: 3.50m (at sides)  
Displacement: 515 ton (m)

### Accommodation

Comfortable heated and air-conditioned accommodation for 6 persons, in 3 cabins, mess room, galley, laundry.  
Day accommodation / sanitary facilities for 12 passengers

### Navigation/Electronic Equipment

Radar system : 2 x Furuno FR 1505 MKIII  
Compass : Observator MKIV  
Gyro compass : Tokimec ESN.110 N  
Echosounder : Furuno FCV 581  
D-GPS : Furuno GP - 150  
GPS : Furuno GP - 33  
GPS Chart Plotter : Navi Sailor Transas 3000 ECS  
Autopilot : Robertson  
Nav-tex : Furuno NX 500  
VHF : 2 x Sailor RT 4822 / DSC  
VHF H/Held : 3 x Water proof ICOM  
Inmarsat-C : Furuno Felcom 15  
SSB : Yaesu - FRG 100  
U.P.S. system: APC 1600 W - 220V  
A:I:S.: Class A

### Propulsion system

Main engines : 3 x Cummins KTA 38M0  
Total power : 2400 bhp at 1800 rpm  
Gearboxes : 3 x Reintjes WAF 464 5,591:1



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Propulsion : 3 x fixed pitch propellers in nozzles, 1700 mm  
Bowthruster : hydraulically driven 270 bhp, 360 0

### **Auxiliary systems**

Generator sets : 2 x Cummins 6 BT 5.9-D 89 kVA each  
Harbour set : 1 x Hatz air cooled 3L41C 25 kVA  
Hydraulic power : Cummins N14-M 480 bhp  
Transfer pumps : Fuel and fresh water 50 m<sup>3</sup> /hr

### **Performances**

Bollard pull: 33 tons  
Speed: 10.0 knots

### **Other Information**

#### **Tank capacities**

Fuel oil: 110,00 m<sup>3</sup>  
Black/grey water: 9,20 m<sup>3</sup>  
Fresh water: 52,00 m<sup>3</sup>  
Dirty oil: 1,70 m<sup>3</sup>  
Ballast water : 55,00 m<sup>3</sup>

#### **Deck Lay-Out**

Deck cranes : 2 x Effer 200.000 3S, 10.5T at 16 m  
Towing winch : 700 m x Ø 40 mm, 50 T pull 90t brake  
Anchor-handling : 100 m x Ø 56 mm, 100 T pull 150t brake  
Tugger winch x 2 : 150 m x Ø 20 mm, 13 T pull  
Towing hook : 1 x Mampaey 35 T  
Spud poles : 2 x Ø 650 mm, 15 m  
Bow- / Sternroller : 150 T S.W.L. 5m, Ø 1000 mm  
Capstan: 5 tons