FAST CREW SUPPLIER 2610
EXECUTIVE SUMMARY
A RELIABLE AND VERSATILE PLATFORM
Already serving the seas for decades, the Damen Fast Crew Supplier vessel designs are based on experience and customer feedback.

The ever continuing balance between comfort, speed, operability, operational efficiency and flexibility is the basis for the fast crew supply range.

Main tasks:
- Transportation of personnel
- Transportation of cargo
- Personnel transfer
- Survey duties
- Dive support operations
- Guard duties
Improved sea keeping performance

- Improved safety
- Improved comfort
- Reduced fuel consumption

Five years of research with:

- Delft University of Technology
- Royal Netherlands Navy
- Maritime Research Institute Netherlands
- US Coast Guard

Compared to conventional ships

- Peak accelerations 50% to 75% less
- Flat water resistance 10-15% less
- Added resistance in waves 40% reduced

Twin Axe = catamaran Sea Axe:

- Similar improvements over conventional catamarans as found for monohulls
- >45 in service
**Hull:**
- Length o.a.: 26.3 m
- Beam o.a.: 10.3 m
- Depth at sides: 3.7 m
- Draft max.: 2.4 m
- Hull material: Aluminium
- Superstructure: Aluminium

**Machinery:**
- Main engines: 2x Caterpillar C32 TTA
- Propulsion: 2x Fixed pitch propellers
- Total power: Up to 1,790 bkW

**Performance:**
- Speed: Up to 25.0 kn
- Range: 700 nm

**Capacities:**
- Crew: Up to 8
- (Industrial) personnel: Up to 12
- Fuel oil: 14.2 m³
- Fuel oil trim: 8.0 m³
- Fresh water: 1.8 m³
- Sewage: 0.5 m³
- Bilge water / dirty oil: 0.4 m³
- Deck cargo: 15.0 tonnes
- Deck load: 1.5 t/m²
- Deck area: 100.0 m²
- Deadweight max: Up to 20.0 tonnes
- **Main engines**: 2x CAT C32 TTA B-Rating @ 895 kW
- **Gearbox**: 2x Reintjes ZWVS 440/1
- **Bow thrusters**: 2x 50 kW, hydraulically driven
- **Generator sets**: CAT 2.2 T @ 22.5 ekW – 28.0 kVA
- **Network**: 24V DC, 400/230V 50 Hz AC
- Large, single-level foredeck
- Anchor equipment
- Mooring system
- Man Overboard Locating System
- Live saving equipment

Optional:
- Foldable deck crane
- Hoisting winch
- Mooring winch
- Stern anchors
- Live saving equipment
**Console:**
- Propulsion and steering control
- Bow thrusters
- Radar
- AMS
- Autopilot
- AIS
- GMDSS equipment
- Intercom
- Search light control
- Magnetic- and GPS compass

**Optional:**
- Single/dual ECDIS
- Speedlog
- 4G / Satellite data communication
Main deck:
- Wet gear room
  Provided with clothing hooks, benches, storage and ventilation
- Sanitary space
- Comfortable personnel seats
Bridge deck:
- Small mess room and pantry

Main deck:
- Captain’s cabin
- Crew cabin for two persons
- 2 crew cabins for one person
- Mess / day room
- Pantry
- Sanitary spaces

Lower deck (optional):
- Laundry
REFERENCES
FCS 2610

2012 Luxembourg
2012 United Kingdom
2012 Netherlands
2013 United Kingdom

2013 United Kingdom
2013 United Kingdom
2014 Netherlands
2015 Netherlands

2015 United Kingdom
2016 Sweden
2016 St. Vincent & the Grenadines
2016 Netherlands

TWIN AXE
DAMEN
- Damen Shipyards Singapore, Singapore
- Damen Shipyards Gorinchem, The Netherlands
- Damen Shipyards Antalya, Turkey
- Damen Song Cam Shipyards, Vietnam
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