

WINDCAT 42

QUICK INFO

Max speed [knots]	30
Service speed [knots]	27
Consumption ltr/ Hr at service speed	280
Carrying capacity [tons]	10
Bollard push [tons]	13
Bollard push [tons] (using Windgrip)	22
PAX	24 (12 PAX + 12 IP)
Dimensions	
› Length over all [L.o.a.]	24.0 m
› Beam over all	7.3 m
› Operational Draft	2.0 m

Additional features

WindGrip system, isolated carbon fibre passenger area with reduced noise level < 65 dB

Free deck space

Fore deck 51 m²
Aft deck 11 m²

Gross tonnage [GT]

99

Crane (optional)

GUERRA MC65.55.A
2t SWL

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WINDGRIP



The patented WindGrip access system was developed by Windcat Workboats, the Dutch joint-venture partner of FRS Windcat Offshore Logistics, to increase the accessibility of wind turbines. The main advantages of the WindGrip system are improved accessibility, safety and fuel efficiency.

The robust and efficient transfer system is equipped with several security systems and fail-safe mechanisms. Slings are wound around the boat landing tubes and hooked on to the nylon rope on the winch. By means of a control system, the vessel's master can activate the automatic tensioning function of the winches.

The WindGrip system increases the contact pressure to the turbine by up to nine tons, which ensures safer transfer from vessel to turbine despite rougher sea conditions. Experiences throughout Europe, where 28 WindGrip systems are currently in use, show that up to 95% of fuel can be saved per hour. In Germany, it was already operational in several windfarms in the North and Baltic Sea.

In 2016, the WindGrip system won the "Renewable UK Health and Safety Award".

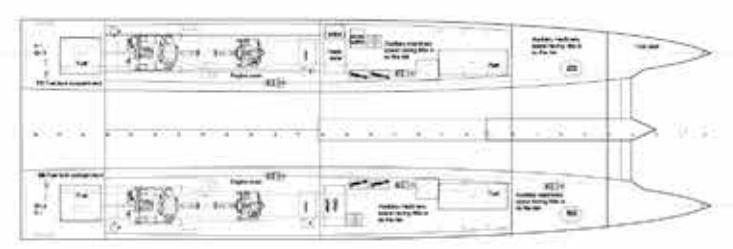
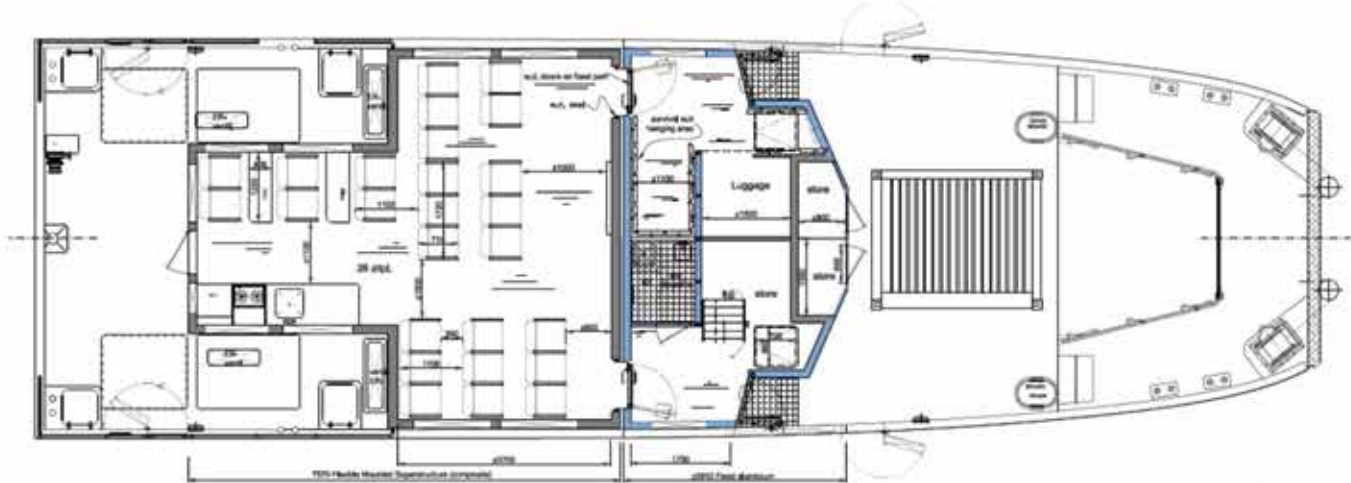


INFO

Year of building	2018
Construction	Aluminium hull and wheelhouse, carbon fibre passenger accommodation
Main engines	2x MTU 8V2000 M72, 720 KW
Propulsion	2x Servogear Ecoflow variable Pitch Propeller
Flagstate	German Flag Offshore Service Craft
Classification	DNV GL 100 A5 OWFSC HSDE II
Fender system	Unique soft core energy absorbent straight bow fender



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Accommodation

Comfortable seats and desk seating, heated room for sensitive goods. Seating is arranged for 24 industrial personnel on comfortable, reclining seats giving good outside views, several benches and tables with computer points. A full entertainment set is provided with a games console. Cooking, coffee and tea facilities are available, as well as a shower, toilet and WiFi connection.

Storage

Enlarged fore deck, laid out suitable for carriage of storage containers, generators or other cargo. Internal storage racks for bags and equipment.

Navigation equipment

All full MED approved marine electronics, double ECDIS, double radar, GPS, SART and Depth sounder, etc.

Key systems

- › **Electrical** 24/220 Volt
- › **Fuel** Total capacity of tanks 9,776 liter
- › **Fresh water** Total capacity of 434 liter

Safety equipment

- 3 Immersion suits (26 possible),
- 30 Thermal protective aids,
- 30 life jacket, 2x Liferafts 35 pers.
- Defibrillator Defibtech DDU-100
- 1x mob rescue sling, 1x rescue net,
- Extinguishers: 15
 - › 8 Dry powder
 - › 2 foam
 - › 5 CO₂

Other equipment (optional)

- › Refuel system with a maximum capacity of 80 lt/pm and a height of 30 meters
- › High pressure washers can be fitted if required
- › Equipment for de-icing of turbines



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