



# WINDCAT 34 XL



## QUICK INFO

<b>Max speed [knots]</b>	28,5
<b>Service speed [knots]</b>	25
<b>Consumption ltr/ Hr at service speed</b>	below 200
<b>Carrying capacity [tons]</b>	12
<b>Bollard push [tons]</b>	11
<b>Bollard push [tons] (using Windgrip)</b>	17
<b>PAX</b>	18 ( 12 PAX + 6 IP)
<b>Dimensions</b>	
› <b>Length over all [L.o.a.]</b>	23.0 m
› <b>Beam over all</b>	6.5 m
› <b>Operational Draft</b>	2.0 m

<b>Additional features</b>	WindGrip system
<b>Free deck space</b>	Fore deck 49 m <sup>2</sup> Aft deck 7.5 m <sup>2</sup>
<b>Gross tonnage [GT]</b>	76
<b>Crane</b>	Hiab 0-27 1.8 t SWL

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# WINDGRIP

The Windcat MK3.2XL offers the same large and comfortable accommodation as the standard MK3 vessels, however, with the advantage of a raised wheelhouse and a much larger foredeck. After the lengthening of the vessel, the Windcat 34XL offers a 49m<sup>2</sup> fore deck, which provides space for a standard 10 foot container as well as additional cargo.

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 six 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

<b>Year of building</b>	2014
<b>Construction</b>	Aluminium
<b>Main engines</b>	2x Volvo D16MH, 750 HP
<b>Propulsion</b>	2x Servogear Ecoflow variable Pitch Propeller
<b>Flagstate</b>	German Flag Offshore Service Craft
<b>Classification</b>	DNV GL  100 A5 Workboat HSDE III
<b>Fender system</b>	Unique soft core energy absorbent fender



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**Accommodation**

Comfortable seats and desk seating, heated room for sensitive goods. Seating is arranged for 18 PAX on comfortable, reclining seats giving good outside views, 1x2 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.

**Deck load**

Up to 12,000 kg on the strengthened fore deck.

**Navigation equipment**

All navigation equipment is wheel marked where required consisting of plotter, radar, GPS, SART, EPIRB, AIS type A, depth sounder, VHF (2x), Seamarshall crewfinder.

**Key systems**

- › **Electrical** 12/24/220 Volt
- › **Fuel** Total capacity of tanks 7,000 liter
- › **Fresh water** Total capacity of 200 liter

**Safety equipment**

- Lifejackets 16 permanent buoyancy, 3 immersion suits (20 possible), Life raft capacity 2x20 persons capacity, Lifebuoys 3, 2 with lines and 1 with light, Defibrillator Defibtech DDU-100, 1x mob rescue sling, 1x rescue net,
- Engine rooms: Fire pro system;
- Extinguishers: 11
  - › 4 Dry powder
  - › 4 foam
  - › 3 CO<sub>2</sub>



**FRS WINDCAT®**



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