



MARITIME PARTNER

ALUSAFE CAT 21

Boat in pictures may show optional equipment

PASSENGER FERRY.



ALUSAFE CAT 21

The ALUSAFE CAT 21 is a low wash passenger catamaran built with low hull resistance and proven design. Benefits of this design are low fuel cost and a environment friendly operation.

Alusafe Cat 21 is a versatile vessel than can be fitted with either fixed pitch propellers, waterjet, IPS and CP Propellers. Twin engine installation with separate fuel tanks give full redundancy which increase safety and reliability. As an option the vessel can be delivered with high engine output and a top speed of 30 knots.

Hull and main deck is constructed from marine grade aluminium. The superstructure is made from GRP sandwich material. Normal crew size is 3 persons. Number of passengers is maximum 97 person, each in aeroplane type seating in main deck lounge. The top deck can accommodate all passenger for sight seeing. Up to 6 pallets can be lifted on/off by a crane mounted on the fore deck.

The vessel has a total fuel capacity of 2000 liters, (2 x 1000 ltr).
Freshwater capacity 200 liter. Wastewater: total 1000 liter.

The Alusafe Cat 21 have a universal design that supports people with reduced mobility to get onboard. The vessel is further on built according to Maritime Partner high standards.

Technical data:

Overall length: 21,00 metres

Length hull: 20,00 metres

Breadt extreme: 6,00 metres

Draught: 1,2 metres

Weight empty: Approx. 34 Ton

Weight equipped and persons: Approx. 51 Ton

Max speed w/crew (2x500 HP): 19,9 knots

Engine:

Std: Scania, Volvo Penta or similar

Size: Approx 2x500-1000 HP

Propulsion:

Gear: ZF 360A with trolling function

Propultion: FP Propellers

Materials

Hull made of marine aluminium.

Superstructure made of GRP - Sandwich.