



DESCRIPTION

The passenger vessels with mono hull and catamaran hull forms are designed and manufactured for transporting 30-120 passengers.

The construction of the vessel is suitable for commercial ferry operation in the Caspian Sea and the Persian Gulf. The maximum ambient air temperature is +51 °C with 98% R.H. and min. temperature of +5 °C, seawater temperature of +34 °C for the Persian Gulf.

The structural arrangement is in accordance with appropriate rules for special passenger boat (120 passengers plus 5 crews).

The hull, superstructure and all deckhouse structure is made by composite material or aluminium. All materials and equipment are marine type and appropriate for this kind of vessels.

The appropriate design and construction improve seagoing abilities for an excellent seaworthiness up to sea state 2-3 according to Beaufort scale.

Design and manufacturing are done according to the rules of Classification Society.



SPECIFICATIONS

| TYPE | 120 Person | 30 Person |
|------------------------|------------|-----------|
| Length | 22.4 | 15.7 |
| Beam | 7.7 | 3.7 |
| Draft(Loaded) | 1.55 | 0.8 |
| Maximum Speed | 25 | 23 |
| Service Speed | 22 | 22 |
| Indoor Passenger Seats | 120 | 30 |
| Main Engine | 2×600 | 2×500 |
| Propulsion System | Propeller | Water Jet |