**PRINCIPAL DIMENSIONS**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length overall</td>
<td>126.7 metres</td>
</tr>
<tr>
<td>Length (waterline)</td>
<td>116.9 metres</td>
</tr>
<tr>
<td>Beam (moulded)</td>
<td>30.4 metres</td>
</tr>
<tr>
<td>Depth (moulded)</td>
<td>8.2 metres</td>
</tr>
<tr>
<td>Hull draft (approx.)</td>
<td>4.2 metres</td>
</tr>
</tbody>
</table>

**PAYLOAD AND CAPACITIES**

- **Passengers**: 1,291
- **Outdoor seating for 128**
- **Crew**: 35
- **Vehicles**: 341 cars
- **Heavy vehicles**: 450 truck lane metres and 123 cars
- **Centre lanes between pillars**: 4.6 metres
- **Trucks under raised mezzanine deck**: 4.2 metres
- **Trucks aft of raised mezzanine deck**: 4.6 metres
- **Cars under mezzanine deck**: 2.0 metres
- **Cars over mezzanine deck**: 2.0 metres
- **Maximum deadweight**: 1,141 tonnes
- **Maximum axle loads (centre lanes)**: 15 tonne/dual axle
- **(outer lanes)**: 12 tonne/dual axle
- **(mezzanine lane)**: 0.8 tonne/dual axle

**PROPULSION**

- **Main engines**: 4 x MTU 20V 8000 M70
  - 4 x 8,200 kW @ 1,095 rpm
- **Gearboxes**: 2 x Renk AS165
  - 1 x Renk AS2x80
- **Waterjets**: 2 x KaMeWa 125 S11
  - 1 x KaMeWa 180 B11

**PERFORMANCE** *(with Ride Control fitted)*

- **Speed (100% MCR)**: 40.5 knots
- **Fuel**: 145,000 litres

**CLASSIFICATION**

- **Germanischer Lloyd**
- **100 A5, HSC-B OC3 Highspeed Passenger/Ro Ro Type, MC, ALUT**
- **Spanish Flag Authority**
AUTO EXPRESS 127

Vessel type: 127m Vehicle-Passenger-Cargo Trimaran

PROFILE

BRIDGE DECK

OBSERVATION DECK

UPPER DECK

MEZZANINE DECK

MAIN DECK

HULL