# AVANTE 2200 COMBATANT

<table>
<thead>
<tr>
<th>Main Characteristics</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td>- Length overall</td>
<td>97.5 m</td>
</tr>
<tr>
<td>- Length between perpendiculars</td>
<td>85.8 m</td>
</tr>
<tr>
<td>- Maximum breadth</td>
<td>13.6 m</td>
</tr>
<tr>
<td>- Depth to main deck</td>
<td>7.2 m</td>
</tr>
<tr>
<td>- Full load displacement</td>
<td>2500 t</td>
</tr>
<tr>
<td>- Full load draught</td>
<td>4.1 m</td>
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<tr>
<td>- Full load deadweight</td>
<td>420 t</td>
</tr>
<tr>
<td>- Total accommodation</td>
<td>58 + 23</td>
</tr>
<tr>
<td>- Maximum speed</td>
<td>&gt;25 knots</td>
</tr>
<tr>
<td>- Range</td>
<td>4500 n.m. at 15 knots</td>
</tr>
<tr>
<td>- Stability standard</td>
<td>DDS 079-1</td>
</tr>
<tr>
<td>- Designed according to class</td>
<td>Society Naval Rules</td>
</tr>
</tbody>
</table>
HELICOPTER & RHIBS OPERATION
- Helicopter
  - Medium sized naval helicopter up to 10 tons
- Two RHIBs
- Eight liferafts of 25 people capacity each

ELECTRICAL PLANT
- 2 x independent electric plants. Located in different firezones
- 4 x Diesel Generators (570 kW), 2 each fire zone (placed in a separate compartment) to ensure survivability in case of battle damages affecting even three contiguous watertight compartments.
- 2 x main switchboards divided in 2 sections, each section connected to one generator.
- 1 x main switchboard in each fire zone.

PROPELLION
The propulsion plant is based in a robust and endurable Combined Diesel and Diesel (CODAD) solution with four engines able to develop 4,440 kW coupled each two through reduction gears to a pair of shaft lines with Controllable Pitch Propellers.
- Two fully independent propulsion plants
- Distributed into two engine rooms
- CODAD Low Life Cycle Cost

WEAPONS
- 1 x Surface to Surface Missile (SSM) system
- 1 x Surface to Air Missile (SAM) system
- 1 x Medium range gun
- 1 x CIWS weapon
- 4 x Manually operated 0.5” Machine Guns
- 1 x Decoy launcher system (IR, RE, Anti-torpedo)
- 1 x Torpedo Launcher System

PROVEN DESIGN
- Combatant version of the OPV Guaiuqui Class with four units in service with Venezuelan Navy

COMBAT MANAGEMENT SYSTEM (CMS)
- 2 x server cabinets
- 7 x Multifunction consoles (MFC)
- 2 x large screen display (LSD)
- Tactical data link (TDL): The vessel shall be “Fitted for, but not with” this equipment
- Redundant tactical network
- Digital Video Distribution System.

COMMUNICATIONS
- Military Communications HF, V/UHF
- Civil Communications GMDSS A3 & SATCOM

SENSORS
- 2 x Navigation/Surface Surveillance Radar System (X and solid state S Bands)
- 1 x 2D Air/surface surveillance radar
- 1 x IFF system
- 1 x Hull Mounted Sonar (HMS)
- 1 x Radar Band. Electronic Support Measures (ESM) system
- 1 x Communications Band. Direction Finding System
- 1 x Laser Warning System
- 1 x Radar & E-O FCS director
- 1 x E-O FCS director

INTEGRATED PLATFORM
- Integrated Bridge System
- IPMS (Integrated Platform Management System)