

AVANTE 2200 COMBATANT



MAIN CHARACTERISTICS

·Length overall	98.9 m
·Maximum beam	13.6 m
·Depth to main deck	7.2 m
·Full load displacement (approx.)	2,500 t
·Draught	4.1 m
·Total accommodation capacity	92



OFFSHORE OPERATION

The Avante 2200 is specially designed for the following missions:

- EEZ surveillance and protection
- Merchant shipping control
- Strategic assets defence
- Search and rescue operations
- Assistance to other vessels
- Pollution control
- Immigration control and drugs interdiction
- Intelligence gathering
- Anti-surface warfare
- Passive electronic warfare

PERFORMANCE

- | | |
|---------------------------|----------|
| - Maximum speed | 28 kt |
| - Cruising speed | 15 kt |
| - Range at cruising speed | 5,000 nm |
| - Provisions endurance | 21 days |

PROPULSION PLANT

- CODAD type.
- Diesel engines: 4 x 5920 kW
- 2 shaft lines.
- 2 CP propellers.

HELICOPTER & RHIBS OPERATION

- Flight deck & hangar for 10t class helicopter (NH-90, AB-212, AB-412, Eurocopter AS-565 Panther)
- 2x 5.5m RHIBs (crane deployment & recovery)

NAVIGATION

- Navigation data distribution system: server, navigation LAN, multifunction repeaters.
- Sensors: 1x echosounder, 1x log, 2x laser gyros, 1x DGPS, 1x AIS, 1x Meteorological system.
- Integrated bridge: 3x consoles, Communications, GMDSS, ARPA console, IPMS, Autopilot, WECDIS, lights panel, ...

WEAPONS

- Guns: 1x76mm, 1x35 mm, 2x12.7 mm
- Fire Control System: 1x Radar-EO, 1x EO
- SAM system: 1x VLS 8 cells
- SSM system: 2x quad launchers
- ASW torpedoes: 2x triple launcher
- RF & IR Decoys: 2x launchers (12 tubes each)

SENSORS

- 1x Air surveillance 3D radar
- 1x IFF (Interrogator and Transponder)
- 1x Surface and Navigation LPI radar
- 1x Navigation radar
- 1x EO surveillance and tracking system
- 1x EO fire control system director
- 1x ESM system in radar band
- 1x ESM system in communications band
- 1x TAS system

COMMUNICATIONS

- Integrated communications Control System (Control console, voice terminals, LAN)
- Internal Communications: IP telephone system, Sound powered telephone system, Public Address system, CCTV, Entertainment system
- External Communications: VLF/HF Rx, MF/HF, VHF/UHF, IRIDIUM, GMDSS, INMARSAT, SATCOM, MMHS

COMMAND & CONTROL

Integrated Combat System:

- CMS
- 5 x Multifunction tactical consoles
- 2 x LSD
- 1 x Video distribution system
- Tactical processors
- Tactical LAN
- Tactical link system