



# KAAN-77

## Offshore Patrol Vessel



### Missions

#### Primary Missions

- Maritime Patrol and Surveillance Operations
- Monitoring and patrolling shipping lines
- Conduct Search and Rescue operations
- EEZ control and surveillance
- Boarding operations and boarding team support
- Seizing, recovering and transporting
- UAV / Helo (up to 10 t) capability
- Anti-piracy, Anti-terrorism, Anti-smuggling
- Anti-human trafficking and Anti-drug operations

#### Secondary Missions

- Support humanitarian relief operations
- Illegal fishing equipment
- Support SFO
- Support naval operations
- Environmental protection & control,
- Conduct surveillance on fisheries operations

### General Specifications

#### General Information

<b>LOA</b>	: 88.4 m
<b>Beam</b>	: 12.92 m
<b>Draft</b>	: 3.3 m
<b>Displacement</b>	: 1.100 tons

#### Performance

<b>Speed</b>	: +30/18-21 kts
<b>Range</b>	: 1.600 NM

#### Accommodation

<b>Crew</b>	: 55
<b>Mission Personnel</b>	: 4

### Systems Configuration

#### Propulsion System

##### Propulsion

- 2 x 8.000 KW Diesel Engines
- 2 x VOITH Linear Jet

##### GENSET

- 3 x 270 KVA DG Sets

#### Navigation Systems

- LPI Radar
- Navigation Radar
- DGPS
- Echosounder
- Gyro Compass
- Speed Log
- (W)AIS

#### Combat Systems

##### Weapons

- 1 x 40 mm Main Gun, 2 x 12,7 mm Machine Gun
- Decoy Launching System

##### Sensors

- Combat Management System (CMS)
- Ship Data Distribution System (SDDS)
- 3D Search Radar, R-ESM, EOD, IFF
- Meteorological Measurement System (MMS),

##### Communication

- HF, UHF and VHF Military Communications
- Integrated Communication System,
- SATCOM, Military Link System