

**ÇAKA S-KUSV**


**SUBMERSIBLE-  
KAMIKAZE  
UNMANNED  
SURFACE VEHICLE**





 **HAVELSAN**


# ÇAKA

The **ÇAKA S-KUSV** system stands out from other known Kamikaze Unmanned Surface Vehicles worldwide due to its unique diving capability. This feature enhances stealth and surprise, contributing to deterrence and exerting pressure on adversaries by necessitating prolonged high readiness. Its autonomous navigation both above and below water complicates targets' evasive actions. As a suicide weapon, it is immune to close-range interference from enemy surface combatants.

 Length: 8.5 m

 Beam: 3.3 m

 Displacement: 3.6 t

 Speed: 50 + kts

## MISSION CAPABILITIES

- ▶ COLREG\* Compliant Autonomous 3D Navigation at Sea
- ▶ High Explosive - Impact Fuze
- ▶ Underwater Mobility - Surprise Attack
- ▶ Engagement Phase with Very High Speed on Surface
- ▶ Mobile / Shore Control Center
- ▶ CMS, Data Links and C2 Systems Integrated
- Operational Capability
- ▶ Interoperability with Other Unmanned Platforms
- ▶ Task Management Based on ADVENT

\* Convention on the International Regulations for Preventing Collision at Sea



## KEY FEATURES

- ▶ Comparing with USVs;
  - Underwater Mobility
  - Speed over 50 kts
  - Insensitive to Close Range Interference of Warships due to Kamikaze Characteristics
- ▶ Comparing with UAVs;
  - Extended Patrolling Capability
  - Increased Explosive Capability
- ▶ Comparing with Torpedoes;
  - Cost-effective Solution
  - Capable of Swarm / Group Attacks
  - Extended Underwater Duration

- ▶ Comparing with Mines;
  - Remote Real-Time Target Selection
  - Remote Explosive Control
  - Immunity to Mine Countermeasures