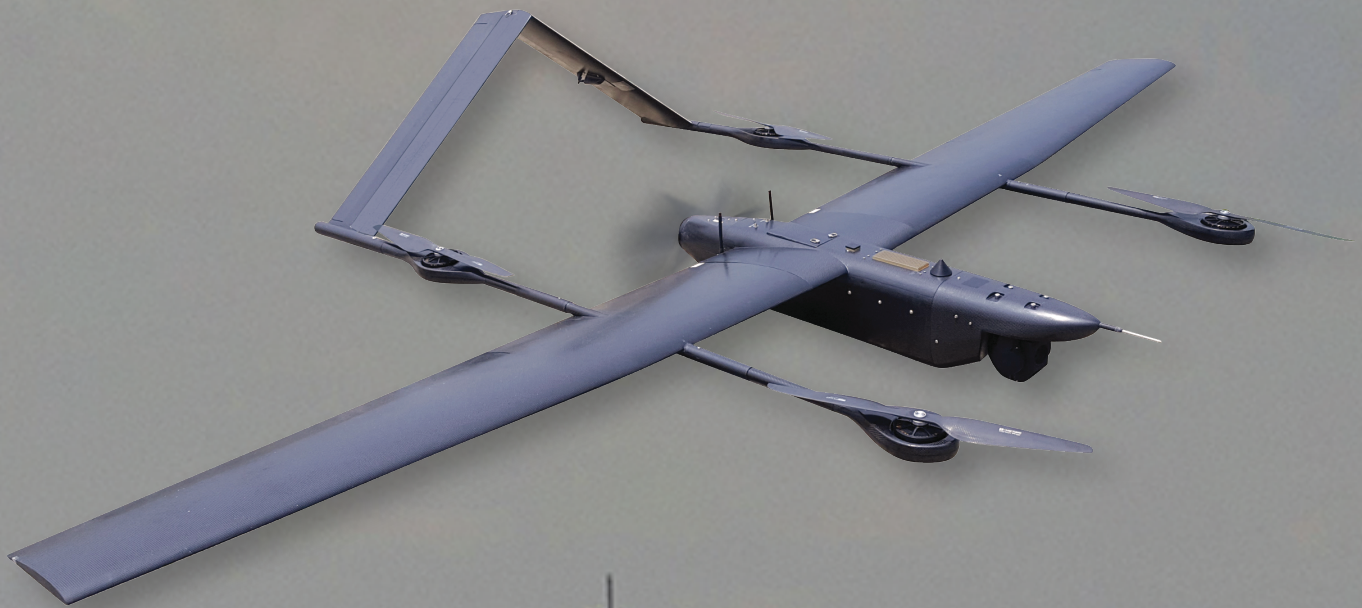


Veloce 60

**Fixed-Wing VTOL
Unmanned Aerial System**



Veloce 60

FIXED-WING VTOL UNMANNED AERIAL SYSTEM

Veloce 60 is a next-generation, hybrid Vertical Take-Off and Landing (VTOL) fixed-wing Unmanned Aerial Vehicle (UAV) purpose-built for long-range maritime and land-based intelligence, surveillance, and reconnaissance (ISR) missions. The Veloce 60's hybrid propulsion system combines electric lift rotors for vertical takeoff/landing with a petrol engine for efficient forward flight. Designed to minimise launch infrastructure and maximise flexibility, it can be rapidly deployed from naval decks or remote coastal sites, enabling persistent ISR, wide-area surveillance, search-and-rescue, and security missions.

Key Features

Naval-Ready Operations

- Specifically engineered for shipboard use, it can take off and land on vessels in Sea State 5, ensuring mission success in demanding maritime conditions.

Long-Endurance, Wide Coverage

- With 12–14 hours of flight time and up to 100 km of secure datalink range, it provides continuous surveillance over large maritime and littoral zones, reducing the number of launches required to maintain coverage.

Seamless Integration with Naval Ops

- The Veloce 60's ground control station and communication suite are designed to integrate with existing naval combat management systems, allowing live video and telemetry to be shared across the fleet in real time.

TECHNICAL SPECIFICATIONS

	Veloce 60
Maximum Take-off Weight	80 kg
Wing Span	5.0 m
Endurance	12 – 14 hrs
Datalink Range	Up to 100 km
Speed	50 – 70 knots
Payload	EO / IR / Range Finder
Take-off / Recovery Method	Vertical take-off and landing
Take-off and Landing Relative Wind Envelope	Up to 25 knots
Setup Time	< 60 minutes
Flight Operation	Fully autonomous
Ground Control Station	Laptop or Console

Note: Specifications are subject to change without prior notice.

