



Technologies

C-Worker 7

Work Class ASV

C-Worker 7 is a multi-role work class ASV suitable for a variety of offshore and coastal tasks. The vehicle can be used to complete tasks such as subsea positioning, surveying and environmental monitoring without the need of a ship on station or sea-bed anchoring. C-Worker 7 can integrate a variety of payloads including multibeam, USBL, CTD and ADCP via exchangeable payload frames. The ability to integrate multiple offshore payloads is unique to C-Worker 7.

KEY FEATURES



- Highly survivable & repairable rugged aluminium hull
- Wrap around, lightweight, durable fender
- Proven reliability, allows the user to focus on the sensor payload and field operations
- Self-righting (loaded or light)
- Modular payload bay for easy integration of standard or custom payloads
- Suitable for launch from a mothership or by a shore side crane
- Fully redundant power propulsion and communication systems
- Max speed 6.5 knots
- Large moonpool 2.5m long x 1m wide

APPLICATIONS



- Marine construction survey: USBL, DGNS
- Metocean data collection: ADCP, weather station, CTD
- Environmental: Passive Acoustic Monitoring (PAM)
- Hydrocarbon detection, skimmers, dispersants
- Seismic support: CTD, USBL, PAM, ADCP
- Site survey: multibeam sonar, motion sensors, CTD
- Sidescan sonar, observation class ROV
- Security and surveillance: cameras, video, infrared sensors

We are passionate about developing autonomous maritime vessels. Since 2008 we have pioneered the development of unmanned technology. We have designed and built more than 90 vessels which are now deployed all over the world in the service of the oil & gas, scientific and defence sectors. We are the industry's most experienced, tested and successful developer. We employ a world class team to deliver a safe, efficient, and reliable solution.



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TECHNICAL SPECIFICATIONS

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Length	7.2m
Beam	2.3m
Draft	0.9m
Height	4.2m
Weight	5300kg lightship
Propulsion	2 x 20kW
Speed	Up to 6.5 knots
Endurance	Contact us for details
Payload power	Up to 2kW
Control	ASView for direct, semi-autonomous or autonomous control
Communications	Radio/Satellite



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