



Technologies

C-Worker 12

Work Class ASV

The C-Worker 12 is one of ASV Global's largest unmanned vessels fitted to date measuring just over 12 meters. The optionally manned helm features two moon pools for maximum sensor deployment and extended endurance missions. Using ASV's proven ASView control system for unmanned operations, this vehicle is 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 12 can integrate a variety of payloads such as multi-beam, USBL, CTD and ADCP.

KEY FEATURES



- Designed for over-the-horizon operations
- Max Speed 10 knots
- Two independently controlled moonpools for maximum sensor deployment
- Controlled and operated by the proven ASView control system
- Optional 16kW diesel generator
- Dynamic roll stabilization system
- Accommodation for up to four winches
- Two optional fixed-sensor poles over the side
- Climate-controlled electronics compartment
- Transportable by road
- Optional A Frame

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: multi-beam 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 100 vessels which are now deployed all over the world in the service of the oil & gas, scientific and defense 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

C-Worker 12	
Length	12.17m
Beam	3.66m
Draft	1.17m
Height	3.96m
Weight	14500kg
Propulsion	2 Olympic Azimuth Drives
Speed	10 knots
Endurance	15 days at 7 knots, 20 days at 6 knots, 30 days at 5.5 knots, 40 days at 4 knots.
Control	ASView for direct, semi-autonomous or autonomous control
Communications	Radio/Satellite



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