



Technologies

# C-Worker 8

Work Class ASV

C-Worker 8 is a multi-role work class ASV. The vehicle is suitable for a variety of offshore and coastal tasks including subsea positioning, surveying and environmental monitoring without the need of a ship on station or sea-bed anchoring. C-Worker 8 can integrate a variety of payloads including multibeam, USBL, CTD and ADCP via exchangeable payload frames. The vehicle's redundant power system makes it an ideal solution for shore based operations while also suitable as a force multiplier to existing operations. C-Worker 8 is designed for up to 7 days endurance and operates using ASV Global's proven ASView control system.

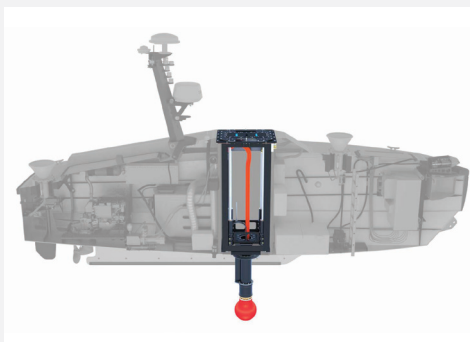
## KEY FEATURES



'SeaWorker' variety designed and built for Ocean Infinity

- Unique hull design provides excellent sea keeping
- Highly survivable, repairable and rugged aluminum hull
- Wrap around durable fender
- Payload frame for easy integration of standard or custom payloads
- Fully redundant propulsion and communication systems
- Suitable for launch from a mothership or shore
- Up to 7 days endurance
- Max speed 10 knots

## APPLICATIONS



- Marine construction survey: USBL, MBES
- 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, SBP, CTD
- Hydrographic survey: Multibeam sonar, sidescan sonar
- 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

### C-Worker 8

Length	7.7m
Beam	2.14m
Height	4.24m (Mast up)
Draft	0.99m
Weight	4800kg fully laden, 3700kg lightship
Propulsion	Two 45Hp Diesel engines driving fixed pitch propellers
Speed	10 knots
Endurance	7 days at 4 knots, 3 days at 8 knots.
Payload power	3kW
Control	ASView for direct, semi-autonomous or autonomous control
Communications	Radio/satellite



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