

C-Cat 3

Small Multi-Purpose Work ASV

C-Cat 3 has been developed to complement the existing ocean going ASV Global vehicles for survey and support tasks where a smaller vehicle is better suited to missions. The design incorporates a large payload bay to enable flexibility of payloads used. The shallow draft and small size of the vehicle enables deployment in littoral areas and its modular construction facilitates the fitting of a range of scientific above and below water payloads. C-Cat-3 includes the core functionality proven in all ASV Global vehicles and systems and thus is a reliable and robust platform for or path planning, autonomy research and scientific experimentation with payloads.

KEY FEATURES



- Rugged hull
- Suitable for transport on a road trailer
- Powered by 2 electric motors
- Ideal for use in very shallow waters
- Can be controlled manually or to follow pre-programmed routes that can be updated at any point through an easy
- PC based GUI
- Reconfigurable payload pod allows for mounting of sonar or other sensors
- Retractable universal sensor mount

APPLICATIONS



- River, lake, reservoir, harbour survey
- Water sampling / monitoring
- Current profiling (ADCP)
- Harbour security
- Single Beam
- Multibeam
- Lidar
- Metocean

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 80 vessels which are now deployed all over the world in the service of the oil & gas, scientific and defence sectors. We are the sector's most experienced, tested and successful developer. We employ a world class team to deliver a safe, efficient, and reliable solution.

C-Cat 3

TECHNICAL SPECIFICATIONS

C-Cat 3	
Length	3.02m
Beam	1.55m
Draft	Min 0.39m, Max dependent on payload ~0.7m
Weight	Lightship 270kg, fully loaded 340kg
Propulsion	2 x DC electric motors driving blade propellers
Speed	Up to 7 knots
Payload Power	12V or 24V
Control	ASView for direct, semi-autonomous or autonomous control
Communication	Radio/satellite



Unit 12 Murrills Estate
Southampton Road
Portchester
PO16 9RD
UK
+44 (0)2392 382 573
sales@asvglobal.com

Rua Visconde de Inhauma
83, 17th Floor, Centro
Rio de Janeiro
20091-007
Brazil
+55 21 3799-4012
sales@asvglobal.com

11111 Katy Freeway,
Suite 910
Houston
TX 77079
USA
+1 713 357 6622
sales@asvglobal.com

209 Cummings Road
Broussard
LA 70518-3229
USA
+1 337 422 4411
sales@asvglobal.com

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