



# 4 Track Crawler for seabed security

Where conventional technology stops at the surface, our 4 Track Crawler for seabed security goes deeper - literally. The crawler is an efficient tool for inspection, monitoring, maintenance, UXO clearance and MCM operations without compromise.

With unmatched stability, precision, and reach, it inspects what others can't, even in the most challenging environments. Immune to waves and unaffected by weather. Take your mission to new limits!

Deep access. Reliable insights. Always deployable.

## Modular mission-ready platform

The 4 Track Crawler is a modular, mission-adaptable platform engineered for configuration changes. Its chassis and subsystems are secured using pinned connections, enabling tool changes in the field with minimal support requirements. This modularity supports the integration of mission-specific tooling configurations. The platform can be disassembled and containerised for strategic transport within standard 20-foot ISO containers, ensuring global deployability.

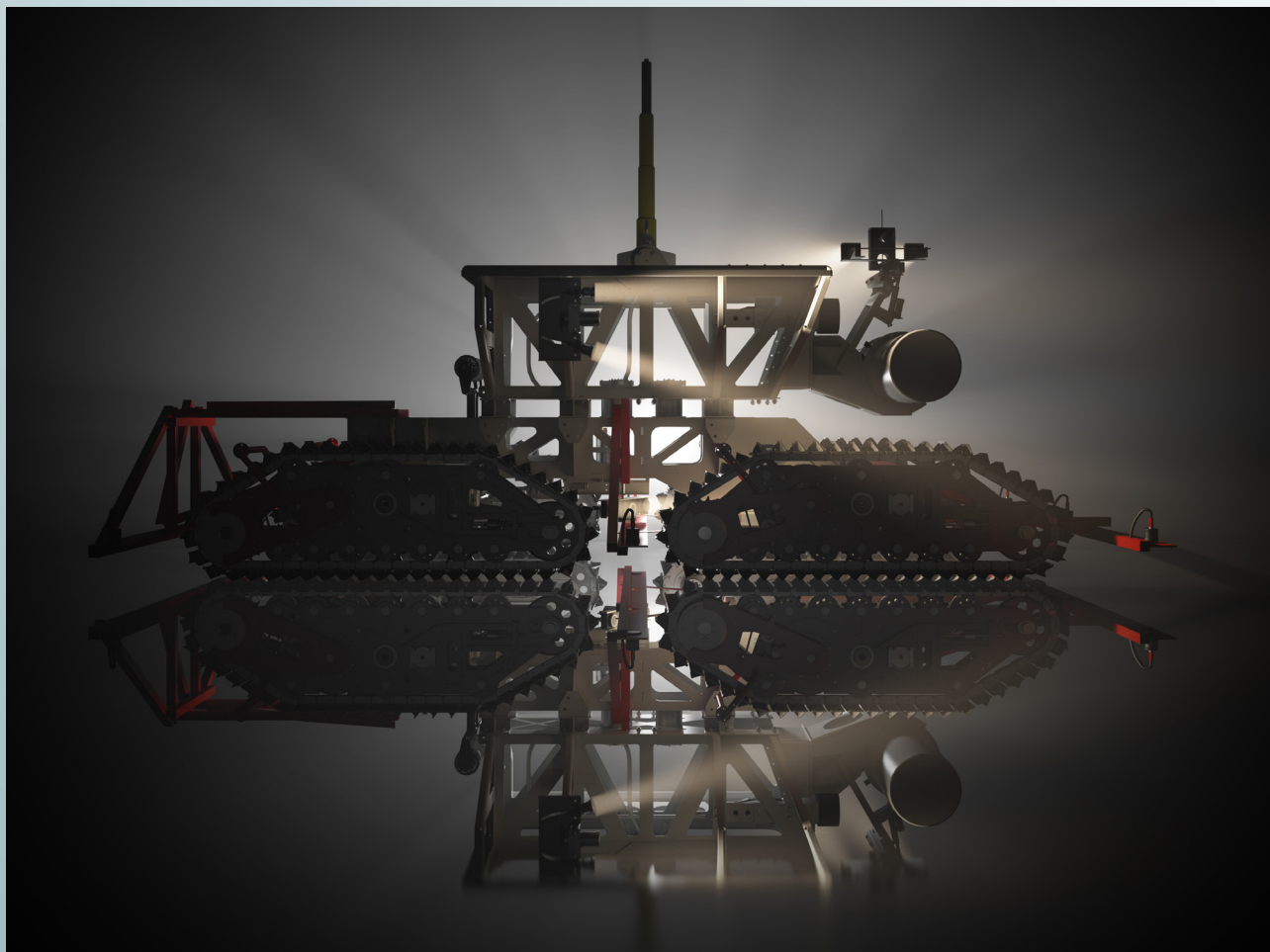
For seabed security and defence applications, the system can be configured for subsea surveillance and threat response tasks. The specialised sensors and tool configuration enable detection and classification of subsurface anomalies, such as unauthorised seabed infrastructure or potential threats. Tools such as excavators, jetters and grabs facilitate precise seabed access and enable retrieval of objects of interest.

## Benefits

- Operates in difficult to access areas on the seabed in the surf zone, in shallow and very shallow waters.
- Operates in harsh conditions, in areas with strong tidal currents and limited visibility.
- Proven technology and low operating costs engineered for consistent performance.
- Market leading capability for the traversal of extreme slopes.
- Patented 4 track drive system (Hi-Traq®) maximises traction capability.
- Transportable and rapid deployment from vessel or shore (amphibious).

## Specifications

Dimensions	width: 5.9 m length: 10.8 m depending on tool configuration height: 3.9 m (excludes depressor)	Pay load	frame capable of support 5 t payload
Weight in air	15 Te	Max. seabed step	0.5 m
Max. seabed slope	$\pm 45^\circ$ (roll and pitch) drive capability $\pm 20^\circ$ (roll and pitch) levelling capability	Min. water depth	0 m (amphibious)
		Number of tracks	4 off 2.3 m long x 1.5 m wide
		Ground pressure	10 kPa submerged (can be reduced with additional buoyancy)



### E=MCM

Through Royal IHC's participation in the 36-month E=MCM project, we continue to reinforce our commitment to innovation and the advancement of European naval defence capabilities. E=MCM aims to develop a system of systems with unmanned autonomous toolboxes and intelligent platforms for mine countermeasures.

Royal IHC's contribution and innovation aim to achieve goals in several areas of mine detection and neutralisation. We will bring to the table our high-end product innovation, design, and engineering capabilities to deliver dedicated solutions in the following areas:

- unmanned autonomous seabed crawler
- intelligent platform
- system-of-systems architecture (interoperability).



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