

# AUTOHOOK™

**AutoHook™ delivers safe, automated ship-to-craft connection - no crew at risk, just fast, reliable launches and recoveries in high sea states.**

AutoHook is an advanced, automated connector system designed for Launch and Recovery Systems (LARS). It uses an integrated vision system and thrusters to precisely track and connect to vessels, removing the need for manual crew involvement at the critical connection point. This innovation significantly reduces risk and paves the way for fully autonomous maritime operations.



## What is AutoHook?

### Enhanced Operational Safety

By enabling connections without human intervention, AutoHook eliminates the risk of serious injuries during the hazardous process of manually attaching lifting hooks. This hands-off approach keeps your crew safe.

### Agile and Cost-Effective

The system is engineered for simplicity and rapid maneuverability. Its lightweight, compact design is a cost-effective solution that integrates seamlessly without requiring major modifications or significant investment.

### Operates in up to Sea State 4 Conditions

AutoHook is designed for reliability in the most challenging conditions. It maintains operational capability in high sea states, ensuring you can launch and recover assets when it matters most, well beyond the limits of traditional methods.

### Universal Compatibility

This versatile solution is designed to work with standard davits and can be adapted across all davit types. It can be easily retrofitted onto existing davit systems, upgrading your current assets with futureproof technology.



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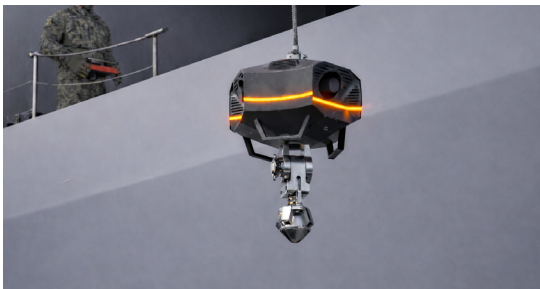
The compact, lightweight AutoHook system is designed for demanding maritime conditions, removing the need for an additional cradle during launch and recovery processes.

## How Autohook Works



### Targeting

As the vessel autonomously approaches the mothership, AutoHook initiates advanced target acquisition, leveraging its integrated vision system to precisely identify and track the lifting point in dynamic maritime conditions.



### Aligning

Utilizing automated guidance and real-time adjustments, AutoHook maneuvers with pinpoint accuracy into optimal alignment for secure engagement - eliminating the need for crew intervention and ensuring both speed and safety.



### Connecting

The system executes a controlled, automated lock into the lifting receptacle, instantly transmitting confirmation to the davit control interface for a seamless transition.



### Hoisting

With secure connection verified, the operator initiates hoisting, ensuring the craft is swiftly and reliably recovered - no crew at risk, just fast, automated recovery.