



# ROVSKARV

## Next-Generation Tether Management System

The Lidan SKARV product family sets a new standard for Launch and Recovery Systems, designed to meet the demands of modern USV operations.

Available in four sizes, SKARV systems handle payloads up to 3,000 mm and 375 kg, with towing capacity up to 18 kN. Each system is a fully integrated LARS solution, combining winch, launch frame, and docking saddle in a compact, lightweight design. During towing, the docking saddle is raised clear of the water for safe and efficient operation.

Developed in close collaboration with leading USV manufacturers, SKARV delivers minimal footprint, low weight, and high reliability. The systems are designed for seamless vessel integration and remote operation, supporting the latest USV technologies.

The latest addition to our product family, ROVSKARV is designed for a wide range of ROV applications, combining robust performance, flexibility, and efficient integration. Available as a standalone solution or as an additional equipment to our SKARV units. Enabling them to either tow a side scan sonar or launch and recover a small ROV from the same platform.

- EASY INSTALLATION
- SAFETY FOR PERSONNEL AND SONAR
- LIGHT WEIGHT AND MODULAR
- USV READY



+46 (0)510 545250



info@lidanmarine.com



Lidköping - SWEDEN

 READ MORE @  
[www.lidanmarine.com](http://www.lidanmarine.com)




### THE MODULAR TETHER MANAGEMENT SYSTEM

The ROVSKARV is a modular system consisting of building blocks; made to be assembled as a unit or separately depending on vessel.

An active tether winch, driven by a gearbox also driving the level winder. The drum core is made by lightweight 3D-printed plastic, grooved to match the corresponding tether.

A feeder unit with belts that actively deploy the tether when reeling cable out to avoid entanglement and slack line on the winch.

ROV garage to accommodate different types of ROV's, depending on size and configuration.

A state-of-the-art control system, standalone or integrated.



#### The ROVSKARV is supplied as standard with:

- Anodized Marine Aluminium
- Remote control capability
- Handheld wireless remote
- 12 Month Warranty
- Operations Manual
- Maintenance Manual

#### Available options:

- IP68 rated motors for submerged operation
- Remote software and HMI
- Customized solution/latch solution
- Spare parts



Solutions available for – DeepTrekker Revolution, Videoray Defender and similar sized ROV's.  
 Other types on request.

