

# SOSI

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## ROV HANDLING SYSTEM

### » SeaBotix ROV LARS System


**S**OSI has designed and built Launch And Recovery Systems (LARS) used for the deployment and retrieval of remotely operated vehicles (ROVs), towed bodies, oceanographic instrumentation, autonomous underwater vehicles (AUVs) and other payloads since 1984. These systems are used around the globe for launch and recovery missions by academic institutions, commercial survey companies and the US Navy for high-resolution seafloor mapping operations and other functions.

Our proven LARS systems, for example, the SeaBotix OEM ROV Handling system—an A-Frame designed specifically for the launch and recovery of a SeaBotix ROV, can be modified to suit a variety of ROV launch and recovery specifications for our clients.

Our unique, proven launch and recovery systems can increase your operational efficiency and decrease your costs by minimizing the weather's effect on your schedule and reducing crew sizes. We design all of our deck equipment for ease-of-use and safe handling of subsea equipment in the harshest environmental conditions. Our systems have an exemplary track record for safe and efficient operation in high sea states and most were designed for safe operation by one crew member using a portable "belly pack."

SOSI systems are generally custom built and engineered to the specific requirements of our clients AUV or towed system. Our LARS systems are engineered for ships of opportunity with an emphasis on ease of transportation and installation. Combined with our quality steel construction and epoxy finishes—SOSI LARS are guaranteed to ensure reliable operation that you can depend on.

Thank you for reviewing the SeaBotix ROV LARS System. Please contact our helpful technical staff if you require assistance with this product. Our team of skilled engineers, designers and trained technicians are ready to assist you with product modifications and solutions to meet your most demanding requirements.

Be it an existing product or a customized package—our mission is to offer innovative engineering, design and quality manufacturing for our diverse and growing global customer base. Take action and make waves with SOSI today! 



### Standard Features

- Lifting eyes and forklift pockets built into skid assembly
- 16" Sherman & Reilly over-boarding sheave on "A" frame
- 10 hp integral HPU for winch and "A" frame operation
- Winch drum: 18" diam. core X 33" diam. flanges X 30" width
- Storage capacity up to 905m of 0.65" diameter umbilical
- Hydraulic brake for parking the ROV or TMS at desired altitude/depth
- 100 ft. per minute line speed @ 850lb. SWL line tension (assuming static "A" frame)
- Local control box for "A" frame and winch operation
- Mounting bracket for Focal 180 slip-ring

### Options

- Focal Technologies Model 180 slip ring with 20 conductors
- DNV or ABS certification or verification
- Remote control box
- Measurement Technology LCI-90 line speed and payout display
- Load pin in over-boarding sheave for line tension
- Powder Coated Finish



\*Specifications subject to change

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