

LAUNCH AND RECOVERY SYSTEM



KONGSBERG

¹ Standard delivery times are subject to change without notice.

SEISMIC AND SUBSEA

Basic launch and recovery system for work-class ROVs

SYSTEM BENEFITS

- In stock or maximum 4 week delivery time on standard systems¹
- A high quality product at a lower cost
- Can be delivered with a variety of options
- Suitable for any offshore operation where AHC is not required
- Can be upgrade to Basic+ or high end

Our goal is to become a leading supplier in all parts of the LARS market, even for customers that do not require systems with high speed performance and sophisticated control systems.

With over 80 systems sold far we have gained valuable experience and unique knowledge. Based on this we formed the new Kongsberg Maritime Basic launch and recovery system for work-class ROVs.

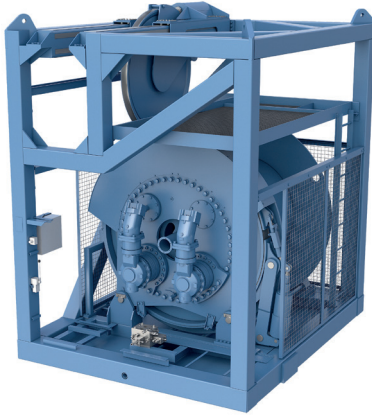
The Basic LARS for work-class ROVs is based on our high-end system. It uses the same high quality steel components and features such as docking head flexibility, dual tilted A-frame and gentle handling of umbilical are maintained.

In operation

- Handles the largest work class ROVs
- Proven robustness and reliability

Vehicles

- Full horizontal guiding of vehicle from deck level to launch position
- Smooth latching with flexible docking head



Umbilical

- Large diameter sheaves – also on level winder
- Unique and patented bullet and termination
- Handling off lead

Service and assistance

- One stop shop – from conceptual design to end of life
- Worldwide presence with 54 service centers and 1.800 service personnel
- Training courses and simulators

System facts

- 12 Te SWL – latched load in air
- 20 Te SWL – deployed load
- 36 Te maximum dynamic load
- 2800 m / 3400 m¹ drum capacity
- 30 m/min on outer layer
- Hydraulic drives and fail-safe band brake
- 140 kW single pump HPU
- Basic control system ensuring automated spooling from a radio remote
- All engineering, assembly and testing done in-house
- Designed according to DNV “Standard for certification no. 2.22 - Lifting Appliances”

System options

- A-frame:
 - Docking head left/right tilt
 - Railing and flood lights
- Winch:
 - Increased speed (HPU dependent):
60 or 90 m/min on outer layer
 - Bolt on Lebus shell
 - Protection grating and service platform
 - Cable guards for increased cable capacity
 - Increased drum size
 - High capacity redundant winch drive
- HPU: 265 kW or 460 kW dual pump
- Increased SWL from 12 Te to 13.5 Te
- Certified according to DNV LA. 2.22

System versions and upgrades

Our Basic+ LARS for work ROVs complements our Basic system with a more advanced control system and an additional fixed operator panel with a touch-screen GUI and a joystick.

The following features applies for Basic+

- ROV winch: Monitoring of load, speed and deployed length
- A-frame: Operation from radio remote
- HPU: Remote operation from operators panel
- Control system functionality includes:
 - Active heave compensation
 - Auto depth
 - Latched mode
 - Overload protection

Both Basic and Basic+ can be upgraded to high-end specification. Please contact our sales department for further information.

Options may be subject to increased lead time and cost.

¹ Drum capacity with cable guards installed.

