



The Seave Lynx are widely regarded as the leading inspection class vehicle within the oil and gas industry. Increasingly they are also being taken up as the ROV of choice by military and scientific customers seeking increased capabilities in deep water. With a depth rating of 1500m, the Lynx has a very stable platform and is able to perform well in strong currents and under the harshest conditions, providing excellent handling and maneuverability.

The open frame construction and generous payload offer the possibility of adding a wide range of tools and sensors as well as interchangeable tool skids.

This is what you get:

- 1500m depth rating
- TMS with up to 250m tether
- 34kg payload with diverse skid options
- 66kgf thrust forward and 43kgf thrust vertically
- Integrated LARS skid with reduced deck footprint
- Fibre optic multiplexer
- HD video capability

ROV SPECIFICATION

Depth Rating	1500m
Dimensions (l x w x h)	1500x815x605mm
Launch Weight	200kg
Payload	34kg
Forward speed	3kn
Thrust	66kgf forward, 47kgf lateral, 43kgf vertical
Propulsion	4x SM4 250V DC horizontal vectored thrusters 2x SM4 250V DC vertical thrusters
Cameras / Video	+/-90° tilt platform, 2x SD cameras as standard. Fibre optic multiplexer with up to 4 simultaneous video channels. HD Camera system as option.
Lighting	Up to 600W, LED lamps
Gyro	Magneto-resistive compass and solid state sensor
Depth sensor	Integrated with gyro, typically 0.1% FSD
Altimeter	PA 200
Sonar	Super Seaking

SURFACE CONTROL

The surface control system provides:

- AC and DC supply switching control DC current and voltage indication Control of video and video overlay
- A keypad for system configuration
- Plugs and sockets for system connections and interfaces for ancillary equipment
- ROV control system (via hand control unit)
- TMS control system (via SCU or foot switches) Wide range of tooling skids

MONITORS AND VIDEO OVERLAY

The Seabeey Lynx comes with rack or wall mounted monitors displaying the video signal from the cameras and the following overlay data:

- Heading
- Analogue compass rose
- Depth
- Tilt position
- Date and time
- Free text from keyboard
- TMS bail count
- CP probe reading (if fitted) Vehicle turns count
- Leak and vacuum alarms
- 1 string of live data, e.g. altitude or latitude/longitude (optional)

TETHER MANAGEMENT SYSTEM (TMS)

Class / type	Seabeey Type 8 TMS side entry garage
Depth rating	1500m
Dimensions (h x w x l)	Between 1846 and 2788 x 1491 x 1792mm
Weight in air (approx.)	918kg (without ROV)
Telemetry	Multimode fibre – RS485 ½ duplex
Camera	1x SD camera
Lighting	1x 150W LED Light
Tether	Up to 250m of 17mm tether

LAUNCH AND RECOVERY SYSTEM (LARS)

Type	Fully integrated launch & recovery skid incorporating hydraulically powered A-Frame
Classification	Zone II, BS EN 12079-1, Lloyds Approved
Manufacturer	Tech-Safe Systems
Safe working load	4400kg (bare drum), 2000kg (top wrap)
Deployed reach	3m
Footprint skid (base)	Between 5592 and 6058 x 2438 mm (l x w) Height 7184mm (max ops), 2867mm (max transport)
Weight (Gross)	16800kg
Umbilical length	Up to 1600m

CONTROL VAN

Type	16ft ISO Container (air conditioned)
Classification	Zone II, A60, DNV 2.7-1, DNV Approved
Dimensions (l x w x h)	4900 x 2438 x 2800mm
Weight	10000kg gross
Pilot control	Control desk panel with video wall
Incoming supply	380 / 480 VAC 3Ø 60Hz

Specifications subject to change without notice. Last revised September 2017

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