



The Nemesis is a compact and capable electro-hydraulic light – medium work class ROV. The Ethernet-based control system’s, and touch screen graphic user interface make this multi-purpose ROV system designed to carry out a range of subsea inspection and intervention activities including

- ◆ Dive & Survey Support
- ◆ Inspection, Maintenance & Repair
- ◆ General Intervention Tasks

TECHNICAL SPECIFICATIONS

Depth Rating	2,000 meters
Through Frame Lift	2,000 lbs
Payload Capacity	600 lbs
Bollard Pull	
Forward	850 lbs
Lateral	130 lbs
Vertical	400 lbs
Main Umbilical (armored)	1,300 meters
Speed	
Forward	4.0 knots
Lateral	2.0 knots

DIMENSIONS

Length	74 in
Width	48 in
Height	48 in
Weight in Air	2,750 lbs
Thrusters	7 innerspace

STANDARD FEATURES

Manipulators (2)	Schilling Orion 7 function
Sonar (1)	1071 Digital MS1000
Cameras (3)	Navigator SIT, Color Zoom
Auto Functions	Heading/Depth/Altitude
General Function Valve Pack	14 Functions
Altimeter	Simrad 807 Digital
Compass, Roll, Pitch Sensor	PNI TCM2
Digiquartz Depth Gauge	
Individual Vehicle System Isolation	
Oil Transfer System for Tooling Applications	

Designed with size, power, and flexibility in mind, the Nemesis enables SeaROV Services to offer cutting edge technology in the ROV service industry at cost effective rates.



“SeaROV Services growing fleet is being built for purpose of offering our clients the best possible balance of flexibility and performance.”

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Recovery of the Nemesis ROV during subsea operations

TELEMETRY

Transmission via Optical Fibers
 RS232 and RS485
 Fiber Optic Focal 907 Ethernet Multiplexer
 3 X Video Channels
 6 X Data Channels
 Real time Diagnostics

LAUNCH AND RECOVERY

LARS	50 HP
Winch Capacity	1,981 meters
Avg. recovery rate	46m/min
Tether Management System	
Top Hat Design	
Depth	2,000 meters
Excursion	122 meters
B&W Camera	
250w Light	

FOOT PRINT DEMENSION AND WEIGHTS

Control Van	8' W x 20' L x 8.5' H	20,000 lbs TGW
Work Van	8' W x 20' L x 8.5' H	20,000 lbs TGW
LARS with ROV	8' W x 18' L x 18.3' H	37,000 lbs TGW
LARS HPU	5.3' W x 7' L x 8.4' H	3,000 lbs TGW



Dual 7 function Schilling Orion Manipulators

