

# Scorpion Specialty Marine Contracting ROV System



## Scorpion SPECIALTY MARINE CONTRACTING ROV SYSTEM

THE 75 HP SCORPION ROV SYSTEM is a highly reliable multi-task vehicle, designed to accomplish a complete range of subsea inspection and intervention tasks. The Scorpion features high quality fiberoptic video and data transmission and a 180 m tether management system. A single HPU helps reduce the overall size of the vehicle frame and foam block, resulting in a low profile, low resistance ROV package with excellent hydrodynamic characteristics.

### APPLICATIONS

Multi-task survey operations
Construction support
Pipelay support
Drilling support
Remote intervention
Search and salvage support
Geophysical survey support
Tooling deployment
Suction pile operations

### VEHICLE SPECIFICATIONS

<b>Vehicle Power</b>	75 hp
<b>Depth Rating</b>	1,000 m
<b>Thrusters</b>	3 x vertical plus 3 x horizontal innerspace thrusters

Specifications subject to change.

### SURVEILLANCE

1 x Simrad OE Near SIT camera
1 x Simrad OE 1367 color zoom camera
1 x Simrad OE 1359 CCD B/W camera
1 x Simrad OE 1393 B/W camera
Schilling Orion 7-function S/C manipulator
Rigmaster grabber
971 sonar

### TETHER MANAGEMENT SYSTEM

183 m tether	
1 x Simrad OE 1392 B/W camera	
Dimensions	
Diameter	1.83 m
Height	2 m
Weight in Air	1,678 kg
Weight in Water	1,360 kg

### UMBILICAL WINCH / LARS

<b>DYNACON 421 Umbilical Winch</b>	
<b>Drum Capacity</b>	1,200 m
<b>Umbilical Length</b>	985 m
<b>Maximum Line Speed</b>	30 m/min
<b>Maximum Umbilical Length</b>	1,200 m (on 7 layers of 42 mm diameter umbilical)
<b>Voltage Range</b>	380 - 440 VAC at 50 Hz / 415 - 480 VAC at 60 Hz
<b>Power</b>	45 Kw
<b>LARS</b>	
Dynacon 6013 A-frame	
<b>Inboard Reach</b>	3.4 m
<b>Deployed Reach</b>	3 m
<b>Width Between A-frame Legs</b>	2.46 m
<b>Height Under A-frame</b>	6.76 m

### CONTROL CABIN AND CONSOLES

<b>Length</b>	6.1 m
<b>Width</b>	2.4 m
<b>Height</b>	2.4 m
<b>Weight</b>	5,450 kg



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