



# PANTHER XT + ROV SYSTEM

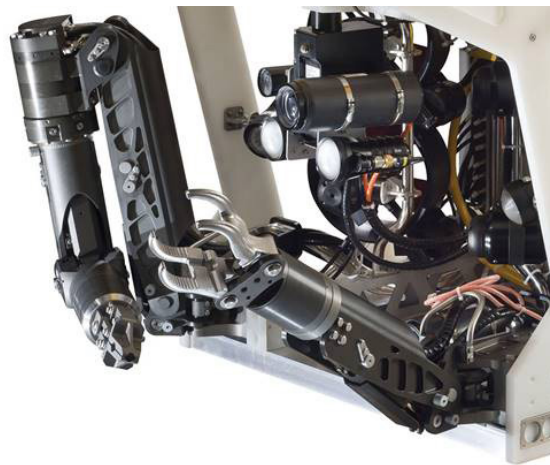
## Class II Remotely Operated Vehicle

With ten powerful thrusters and a high payload, the Panther-XT Plus has exceptional handling and a speed of 3.5 knots while still maintaining a small footprint. Designed to carry a range of survey and heavy duty tooling options, which are fitted within the vehicle.

# PANTHER XT + ROV SYSTEM

## SYSTEM MAIN APPLICATIONS

- 28 HP of Electric Power
- Compact light WROV
- Auto heading, depth, altitude, autopark
- Serial, Video, Gigabit Ethernet via single mode fibre
- HD camera capability
- Survey sensor integrated capacity



## GENERAL SPECIFICATIONS

Depth rating (msw):	1000
Dimensions (L x W x H - m):	2.1 x 2.1 x 1.3
Weight in air (Kg):	800
Through- frame lift (kg):	200

## PERFORMANCE

Thrusters (horizontal):	8 x SM7
Thruster (vertical):	2 x SM7
Forward bollard (Kgf):	350
Lateral bollard (Kgf):	350
Vertical up bollard (Kgf):	105
Maximum Forward, aft speed (knots):	3.5
Maximum lateral, vertical speed (knots):	2.5

## AUTO FUNCTION CONTROL

Auto heading:	+2.5 degrees
Auto depth and Auto altitude:	+15 cm

## SENSORS

Compass:	Seaeye compass gyro
Depth Sensor:	Digiquartz
Sonar:	Tritech Super Seaking
Altimeter:	Tritech PA 500

## CAMERAS AND LIGHTS

Pan & Tilt unit:	1 x Tritech Hydraulic
Colour CCD Zoom:	1
Colour CCD Fixed focus:	2
Dimmable lights:	2
Flood lights:	2

## MANIPULATORS

7 Functions:	Schilling 7P Orion
4 Functions:	Schilling 4R Orion

## CAGE TETHER MANAGEMENT SYSTEM

Dimensions (L x W x H) m:	2.5 x 1.5 x 1.8
Weight in air (ton):	1.1
Max tether length (m):	160
Depth sensor:	Transponder
Colour camera:	1
Lights:	1

## CONTROL VAN, WORKSHOP AND STORAGE

1 x 20' ISO container

## A-FRAME LAUNCH & RECOVERY SYSTEM

Dimensions (L x W x H) m:	6.0 x 2.5 x 3.5
Max height (m):	8.0
A-Frame weight (ton):	9
Winch (L x W x H) m:	2.2 x 2.5 x 2.0
Winch weight (ton):	8.0
Winch max umbilical (m):	1500
HPU:	Integrated in winch

## STANDARD OPERATIONAL LIMITS

Beaufort:	6
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## ELECTRICAL REQUIREMENTS

ROV, control van:	380/480 VAC, 50/60 Hz, 3PH, 100A
LARS:	400/460 VAC, 50/60 Hz, 3PH, 100A

## ROAD TRANSPORTATION

Maximum number of trucks:	2
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