

SEAEYE PANTHER-XT PLUS 971 ROV SYSTEM

The customisable Seaeeye Panther-XT Plus is designed as the benchmark for electric work ROVs and challenges heavier and more costly hydraulic vehicles, particularly where deck space is at a premium. Thanks to its 500V eight horizontal thrusters and dual power supplies, the Seaeeye Panther-XT Plus benefits from exceptional handling and with speeds over 4 knots boasts a high power to weight ratio to that of its rival yet maintaining an observation class footprint. This high power ROV is capable of accommodating Schilling Orion manipulators as well as a wide range of sensors and interchangeable heavier duty tooling packages. The Seaeeye Panther-XT Plus is highly suited for work tasks including drill support, pipeline survey, salvage, cleaning, dredging and IRM to depths of 1000 metres.



Seaeye Panther XTP 971 Inspection Class ROV System

28 HP of Electric Power

- Compact light ROV
- Auto heading, depth, altitude, auto park
- Serial, Video, Ethernet via single mode fibre
- HD camera capability (IP)
- PC Based control system
- Survey sensor integrated capacity



GENERAL SPECIFICATIONS

Depth rating:	1000 msw
Dimensions (L x W x H):	2.1 x 1.2 x 1.3 m
Weight in air:	800 kg
Through- frame lift:	200 kg
Payload:	200 kg

PERFORMANCE

Power:	28 HP
Thrusters (Horizontal):	8 x SM7
Thrusters (Vertical):	2 x SM7
Forward, aft, lateral BP:	350 kg
Vertical up pull:	105 kg
Forward, aft speed:	3.5 knots
Lateral, Vertical speed:	2.5 Knots

AUTO FUNCTIONS

Auto heading:	± 2.5 degrees
Auto depth:	± 15 cm
Auto altitude:	± 15 cm

SENSORS

Gyro (MRU):	Optional
Navigation compass:	Seaeye compass gyro
Depth Sensor:	Digiquarts
DVL:	Optional
Altimeter:	Tritech PA 500
Sonar:	Tritech Super Seaking

CAMERAS & LIGHTS

First Pan & Tilt:	1 x Tritech Hydraulic
Second Pan & Tilt:	Optional
Low light B/W:	1
Colour CCD Zoom:	1
Colour CCD Fixed focus:	2
Dimmable lights:	4
Flood lights:	2

MANIPULATORS

7 Function	Schilling Orion
4 Function	Schilling Rig Master

CAGE TETHER MANAGEMENT

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

CONTROL, WORKSHOP CONTAINERS

Control/workshop:	20 feet ISO
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LAUNCH & RECOVERY SYSTEM

Type:	A-Frame
Dimensions (L x W x H):	6.0 x 2.5 x 3.5 m
Max height:	8.0 m
A-Frame weight:	9 ton
Winch (L x W x H):	2.2 x 2.5 x 2.0 m
Winch weight:	8 ton
Winch max umbilical:	1500 m
HPU (L x W x H):	Integrated in winch
HPU Weight:	N/A

STANDARD OPERATIONAL LIMITS

Beaufort:	6
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ELECTRICAL REQUIRMENTS

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

ROAD TRANSPORTATION

Numbers of trucks:	1-2
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