



**TIDEWATER
SUBSEA**

OCEANIC EXPLORER



A 25 HP Work Class Electro-Hydraulic Remotely Operated Vehicle (ROV) that can operate to a 1000 metre working depth.

GENERAL DESCRIPTION AND CAPABILITIES

Length: 80 inches (2.03 meters)

Width: 48 inches (1.22 meters)

Height: 63.5 inches (1.61 meters);
including skid

OE Weight: 2,930 lbs

Diving Depth: 1,000 meters

VIDEO CAMERAS

1 Mini Zeus H.D. Camera

1 Low Light Black and White Camera

2 Colour Cameras; and

One Black and White Stern Camera

LIGHTS

2 – DPSL (DeepSea Power & Light) LED Lights

4 – 250 Watt quartz lights

VEHICLE COMES WITH

5 Thrusters

Manipulators: 5 Function Magnum; and

7 Function Kraft “Raptor”

Gyro Compass: KVH AC-75

Sonar: Imagenex 881-A Digital multi-frequency

Pan & Tilt: PT-25 – Remote Ocean Systems

Lasers AGO Scaling Lasers

Paroscientific Depth Sensor

C.P. Probe

WINCH DESCRIPTION

Seamac Electro Hydraulic; complete with
level wind

Fibre Optic umbilical: 1,000 meters

Weight: 8,000 pounds

Width: 80 inches

Length: 100 inches

Height: 72 inches

System Power Requirement: 480 v /3 ph/100 kw

CONTAINERS

Operations 8 ft. x 8 ft. x 20 ft.

Heated/Air Conditioned Container

Workshop/Spares 8 ft. x 8 ft. x 20 ft.

Heated and Insulated Container

LAUNCH AND RECOVERY SYSTEM (“LARS”)

HIAB Crane Model 44B-3CLX

Add-On Equipment:

Science Skid

Carousel

Bio Box

Temperature Probe

Photosea 2000 Stereo Cameras

complete with Strobes

TrackPoint II Plus Acoustic Tracking System

TIDEWATER SUBSEA

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