

SEA EYE TIGER 845 ROV SYSTEM

Mobile spread for rapid mobilization of observation and inspection ROV for operations to depths of 500 metres in the offshore oil and gas industry. Its performance in strong currents, excellent handling and maneuverability are unsurpassed.



Seaeye Tiger 845 Observation Class ROV System

Observation class

- Capable undergoes observation and survey
- NDT inspection
- The composite open-frame design, the abundance of space and the generous payload capability provide a versatile solution for the lifting of additional equipment and sensors



GENERAL SPECIFICATIONS:

Depth rating:	1,000 msw
Dimensions (L x W x H):	1.03 x 0.59 x 0.70 m
Weight in air:	150 Kg
Through- frame lift:	1.0 ton
Payload:	32 Kg

PERFORMANCE

Thrusters (Horizontal)	4 x Seaeye SM4
Thrusters (Vertical)	1 x Seaeye SM4
Forward bollard:	62 Kgf
Lateral bollard:	43 Kgf
Vertical bollard:	22 Kgf
Forward, aft speed	3.0 Knots
Lateral, Vertical speed	2,5 Knots

AUTO FUNCTIONS

Auto heading:	Available
Auto depth:	Available
Auto altitude:	Available

SENSORS

Navigation compass	± 1 deg accuracy
Depth Sensor:	Up to ± 0.1%
Sonar:	Imagenex 881A

CAMERAS & LIGHTS

Tilt unit:	1 x electric Seaeye
Color camera:	1
B&W camera:	1
Lighting:	2

MANIPULATORS

1 x 3 function manipulator
5 function manipulator skid (optional)

CAGE MANAGEMENT SYSTEM

Dimensions (L x W x H):	1.2 x 1.2 x 1.9 m
Weight with ROV:	610 Kg

CONTROL & WORKSHOP CONTAINER

1 x 20' container

LAUNCH & RECOVERY SYSTEM

Type:	A – Frame
Dimensions (L x W x H):	4.2 x 2.5 x 2.4 m
A-Frame weight:	10.5 ton
Winch (L x W x H):	Integrated with LARS
HPU (L x W x H):	Integrated with LARS

STANDARD OPERATIONAL LIMITS

Beaufort:	3
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ELECTRICAL REQUIRMENTS

ROV, Control van:	380/480 Vac, 50/60 Hz 3PH, 25KVA
LARS:	400/460 Vac, 50/60 Hz 3PH, 150A

ROAD TRANSPORTATION

Numbers of trucks:	2
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