



The Seeye Tiger and its integrated launching system.

The Seeye Tiger can be used for observation, (platform) inspection, drill support, salvage of small objects and various survey operations.

The vehicle is standardly equipped with two cameras (one low light black and white and one high-resolution coloured) and a scanning sonar system.

Furthermore the vehicle can be equipped with HP waterjet, CP probe, cable cutter, abrasive cutting tool, multiple function manipulator,

ultrasonic wall thickness gauge and positioning/survey equipment.

Depending on the tasks the Seeye Tiger can be used for high tidal activities.

Apart from the vehicle itself, its equipment furthermore consists of:

- ▶ A 16 feet container equipped with: video equipment, controller and power supply
- ▶ A launch and recovery beam with umbilical winch, which

is integrated in the container during transport and can be brought outside for operational use

- ▶ Optional crane skid with umbilical winch

Data registration takes place by means of a digital recording system. For review of the video images high resolution monitors are available.

Dimensions

Length over all	1030 mm
Width	700 mm
Height	590 mm
Weight	150 kg
Payload	32 kg
Depth rating	1000 m
Forward thrust	62 kg
Lateral thrust	43 kg
Vertical thrust	22 kg

Onboard equipment

Camera 1	Colour CCD television camera with wide-angle lens, fixed focus and auto-iris
Camera 2	High-resolution low light black and white camera
Camera tilt	± 160° of tilt
Lighting	2 x 150 W quartz halogen lamps, variable intensity and mounted on a tilt unit

Umbilical

Lifting umbilical used to launch and recover the vehicle.

Sheathing	Thermo-Plastic-Rubber (TPR)
Diameter	16.4 mm
Weight in air	218 kg/km
Weight in seawater	10 kg/km
Minimum bend radius	240 mm (dynamic)
Break strength	4.25 kN
Length	400 m (longer umbilicals and/or use of TMS is optional)

Crane skid with umbilical winch

Crane is used to launch and recover the vehicle and the umbilical winch for paying out and taking in the umbilical in a controlled way. The skid can be brought into and out of the operation container by means of a lifting construction.

Length (deck space)	2.20 m
Width (deck space)	1.51 m
Height	1.90 m

Control container

The container is used as control station in which all surface equipment, such as digital recording system, power supply and controller, has been built in.

Length	4.88 m (± 16 feet)
Width	2.44 m (± 8 feet)
Height	2.59 m (± 8 feet)
Weight	7200 kg
Power required	380/440 V, 35 kVA stabilised power supply

Nautical and communications equipment

Compass	Flux-gate compass with solid state rate sensor for enhanced azimuth stability
Depth sensor	
Autopilot	Fully automatic pilot is provided for heading and depth



Control panel.



Tiger with triggering device.



Quayside inspection vehicle.

All details are believed to be correct but not guaranteed.