



# Tiger 883

Light work class and inspection vehicle



The Tiger is a compact, highly flexible and extremely powerful electric remotely operated vehicle (ROV) with a depth rating of 1000 meters. It can be configured for use as a free swimming ROV, with a Hiab crane launch or an A-Frame tether management system (TMS).

Proven worldwide and recognised for its capability, the Tiger 883 allows operators to undertake a range of demanding work tasks at much lower operating costs.

The Tiger is designed to accommodate heavy duty tooling via a system of quick change tool skids making it ideal for survey work, drill support or light construction projects and salvage operations.

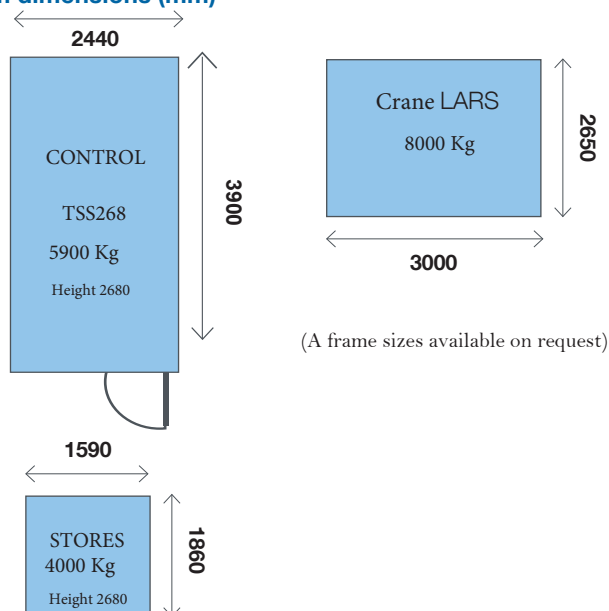
Our Tiger systems have multiple camera possibilities with fibre optic multiplex systems enabling the use of ethernet, 485,232 and direct fibre data transmissions.

(Atex Zoned systems are available on request)

(Max Tether length 600 mts on Free flying winch )

( A-Frame option- Main lift lengths up to 1000 mts when in TMS mode with 200 mts of Tether in TMS unit)

## System dimensions (mm)



T	
Depth rating	1000 msw
Length	1030 mm
Height	590 mm
Width	700 mm
Launch weight	150 kg
Forward speed	3 knots
Thrust forward	62 kgf
Thrust lateral	43 kgf
Thrust vertical	22 kgf
Payload	32 kg

System power requirements	
Input	3-phase 380-480VAC
ROV	10.5 Amp
Tooling	6 Amp
LARS (typical)	33 Amp
Cabin (typical)	16 Amp



## Working limits

Wind speed: 28 knots

Wave height: 2.8 m

Current: 1.0 knots



### Hand control unit

The hand control unit provides remote control of various ROV features including propulsion, tilt platform, lights and autopilot functions.



### Tilt platform

The ±90 degree camera tilt platform accepts two cameras and lights.

A proportional tilt feedback potentiometer provides an accurate tilt angle which is displayed on the video overlay.



### Options, tools and accessories

JFMS' view and Gemini multi-beam sonars, Aris sonars plus a vast array of cleaning, dredging and inspection mapping tools.

### Tooling skids

Tooling is easily changed for rapid turn-around between dives requiring different work packages.

operational requirements, including:

- Manipulator packages
- Anvil or rotary disc cutters
- Water jetting equipment
- Torque tools
- Survey packages
- Drill support and IRM tooling
- Marine growth X-Y-Z tool



### Tether management system (TMS)

The Tiger can be operated in a fr

For work at greater depths and in higher currents, and for faster travel to and from the working zone, as well as greater protection of the vehicle through the splash zone, it is usual to deploy this type of ROV with a TMS.



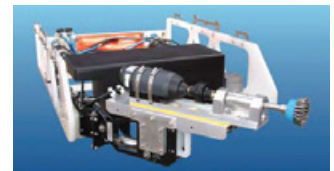
Tiger manipulator skid



Lynx manipulator skid



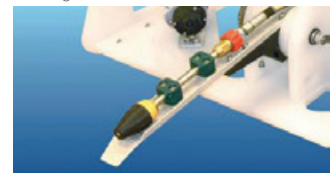
Cable cutter skid



Cleaning brush skid



Lynx fmd orientation tool skid



Lynx water jet skid



Multibeam sonar



Transponder



Sonar



CP probe sonars



Emergency strobe



Cygnus UT gauge



Lock latch for free-swimming option