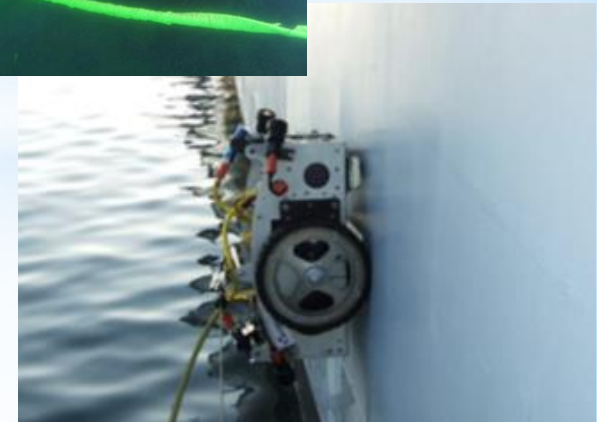


MHC - Magnetic Hull Crawler

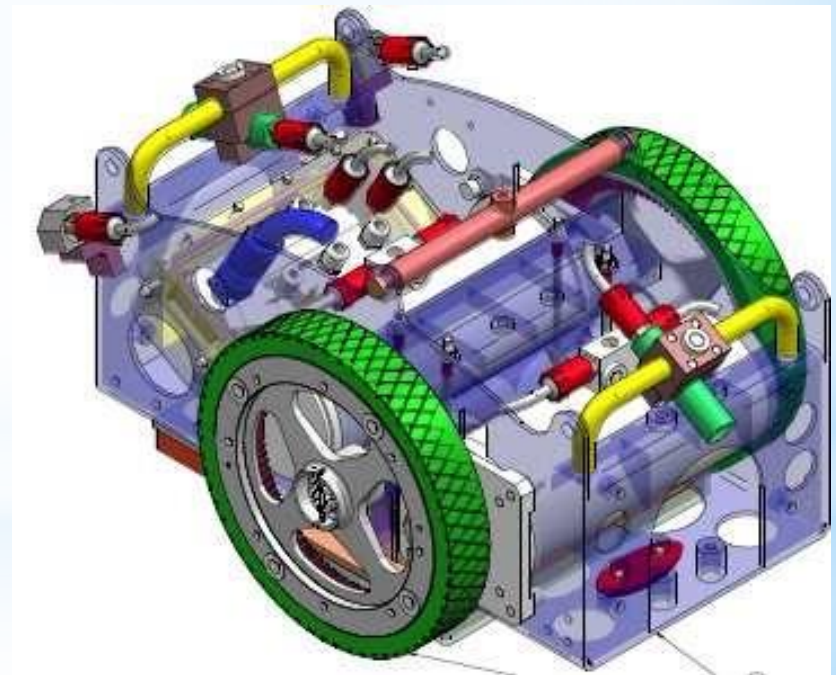


AMPHIBIAN HULL CLEANING VEHICLE

The CARRIER is the latest generation of electrical powered machine with magnetic adhesion.

Technical data :

Size :	L 600 x w 500 x h 500 (mm)
Weight in air	60 kg
Weight in water:	35 kg
Payload capacity:	Maximum 10 kg (in air)
Low speed:	0.2 m/s
High speed:	0.3 m/s
Water depth :	50 m max immersion
Adjustable air gap :	6 to 14 mm
Umbilical length :	60 or 80 m very
Emitted noise level:	low



The MHC system consists of:

1 CARRIER vehicle
1 electrical cabinet
1 remote control
Cables and accessories

Options:

- Camera
- Spotlight
- Control PC
- Additional tools



Release robot in air or subsea

The air bag system consist of:

Air compressor

Umbilical air hose

Requires securing rope or crane

Release pressure: 2 bars – 3 bars



Air compressor



Jetting Ramp

Length: 472mm stainless steel ramp

Nozzle: 15pcs

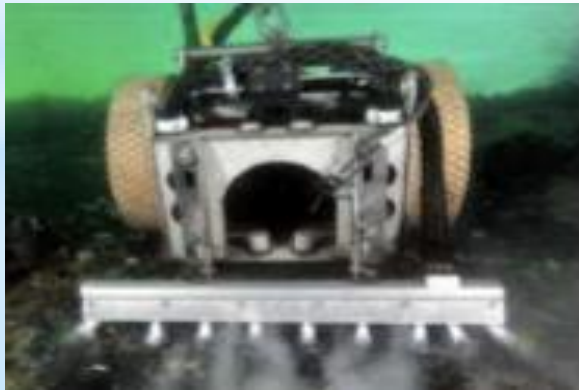
Cleaning width: 600mm

Operation: In air or subsea

Delivery per nozzle: 10L/min of flowrate

Max pressure: $15 \times 10\text{L/min} = 150\text{L/min}$

@ 800bars



Cavitation

High Pressure Pump Bombadier
Cavitation plate: 2 rotating nozzles
Cleaning width: Approx 400mm
Operation: In air or subsea
Bombadier B52 (46L/min @ 180 Bars using
seawater)

