

Cleaning Frame

Pipe and flexible Riser
cleaning

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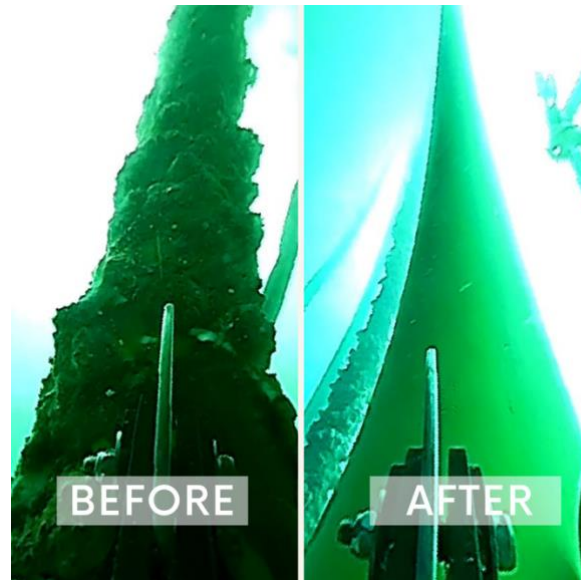
Our innovative cleaning tool has been designed specifically for the task of cleaning pipes and flexible risers. The cleaning frame is versatile and can be used for pipe diameters from 150mm to 300mm OD.

The cleaning tool is able to efficiently remove stubborn deposits such as mussels and barnacles as well as softer deposits such as algae and plants. It can be used for flexible materials such as PE, PU and neoprene as well as for pure steel pipes. The cleaning units are activated with the aid of a simple hand hydraulic pump. Another pump controls the locking mechanism. The integrated failsafe mechanism ensures that the unit opens automatically in the event of a loss of hydraulic pressure, enabling safe recovery.

Features

- ✓ Applicable for 150mm to 300mm OD (hard and soft deposits).
- ✓ Cleans PE, PU, neoprene risers and steel pipes.
- ✓ Requires hand hydraulic pump, failsafe mechanism in case of pressure loss.
- ✓ Use without ROV, 9 interchangeable cleaning units.

The cleaning frame is deployed from the topside without the ROV and moves down the vertical riser under its own weight. The actual cleaning work is carried out when it is pulled up using a winch. A total of nine cleaning units can be switched on or off individually as required. The cleaning heads can also be exchanged and customised with different modules depending on requirements.



Specifications

Specification	Details
Application Range	150mm to 300mm (OD)
Cleaning Capabilities	Hard marine growths (mussels, barnacles) and soft deposits (algae, plants)
Material Compatibility	PE, PU, neoprene flexible risers, and steel pipes
Operation	- Hand hydraulic pump to activate cleaning units - Additional pump for closure mechanism - Failsafe mechanism in case of hydraulic pressure loss
Deployment	- Without ROV - Automatic descent by own weight - Cleaning performed when pulled up by a winch
Cleaning Units	9 units, can be deactivated and exchanged as needed