

# Cavidyne Morclean Surface Cavitation Blaster

## WHATS INCLUDED

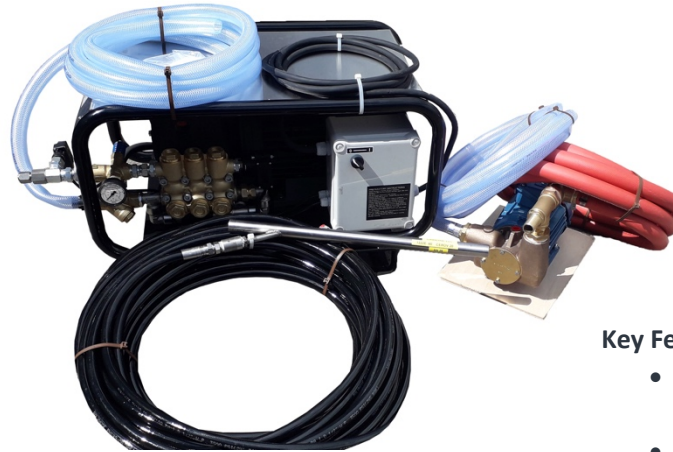
Topside CaviBlaster pump – skid mounted with forklift pockets  
 ROV Lance  
 All Operational Hoses  
 Operations Manual  
 Certificate Pack

## OPTIONS

Spares Kit

## PRODUCT CODE

RQ-094-002



## Key Features

- Industry recognised standard cleaning tool.
- Robust, easy to use and easy to fix pumps.

## Description

The Cavidyne Morclean Surface Cavitation Blaster 1222E60-UK allows the operator to use water flow and pressure to generate cavitation at the end of the proprietary nozzle. When directed at the surface being cleaned, the energy released by the collapsing bubbles causes marine growth to be removed from the surface.

The CaviBlaster™ is capable of connection to either:

- a ROV lance
- a Diver's Gun

The CaviBlaster™ is a complete “plug and play” system that allows quick deployment and / or installation of the unit.

Water can be supplied from either a pressurised source, directly from a natural source via the supplied electric Feed Pump Unit or from a gravity storage feed tank.

The CaviBlaster™ 1222E60-UK is equipped with many features to maintain operator safety while operating at pressures of 2,200-psi (150 BAR).

The CaviBlaster™ consists of a cart or skid mounted electric High Pressure (HP) Pump Unit, consisting of:

- Cart / skid frame
- Control Panel
- Electric Motor
- HP Pump
- Power cable with connector
- Suction Strainer
- Outlet HP Pressure Gauge.
- The HP Pump Unit feed hose
- The HP Pump Unit outlet hose

An electric Feed Pump Unit, consisting of:

- Electric Motor
- Low Pressure (LP) Pump
- LP Relief Valve
- Power cable with connector
- The Feed Pump Unit feed hose
- The Feed Pump Unit Relief Hose
- One CaviBlaster™ ROV lance / Diver's Gun.

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### Overall Specifications

Dimensions - Cart	Cart - L960 x W780 x 480mm   Skid - L960 x W480 x 480mm
Weight	Cart – 127kg   Skid – 127kg
Supply Pressure	2-6 Bar
Outlet Pressure	Cart - 150 Bar (2200psi)   Skid – 140 Bar
Electrical Power	240 Volts, 3 Phase

### Booster Pump

Electrical Power	440 Volts 60hz
Supply Pressure	0
Outlet Pressure	2-6 Bar

### HP Pump Unit – Feed Hose

Length / Diameter	10m / 25mm
Maximum Pressure	1.5 Bar

### HP Pump Unit – Outlet Hose

Length / Diameter	100m / 12.5mm
Maximum Pressure	150 Bar (2200psi)

### Feed Pump Unit – Feed Hose

Length / Diameter	10m / 25mm
Maximum Pressure	1.5 Bar