



UCS Abrasive Waterjet Cutting System

Internal and external cutting system

The UCS abrasive waterjet cutting system has been specifically designed to reduce the amount of deck space required along with being harmless to the marine environment. Great care has been taken in the construction of the jet cut system to reduce moving parts and troublesome valves, thus creating an extremely efficient and reliable system with minimal maintenance and break down time.

The system can operate between 5,000psi-15,000psi, product and surface dictating pressures required. The System is used to deliver a consistent water/garnet mix to project specific manipulators. Standard manipulators are used for internal and external cutting as well as bespoke tooling available for specific profile cuts.

Safety features include a specially designed pressure vessels, built in line with PD5500-2006 and PED 97/23/EC and certified by Lloyd's Register Group Limited to ensure compliance with relevant legislations.

Applications

Cutting where structural compression is present
Cutting of complex shapes for crack mitigation on structures
Salvage operations

Features

Cutting pressure 5,000psi-15,000psi
Internal and external cutting
Minimal maintenance required
Adaptive bespoke tooling to suit client requirements
Operator friendly
Lloyds Register Certified to PED 97/23/EC (CATII)
Comes with pressure relief valve and burst disks

Bespoke options

UCS have specialist in-house design and fabrication capabilities and are able to modify any tool to suit client / project requirements.



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Specifications

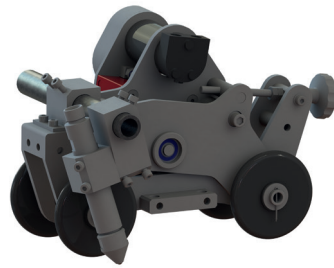


Pressure rating	Up to 1000bar / 15,000psi
Grit capacity	2 x 66ltr / 2 x 17.4gal
Water connection	¾in bsp
Surry connection	¾in bsp
Mass	4560kg / 1053lbs
Safety specification	490kg / 1080lbs
Mass in water	Lloyds Register certified to PED 97/23/EC (CATII)
Dimensions	2391mm / 94.1in x 1700mm / 66.9in x 3318mm / 130.6in

Options



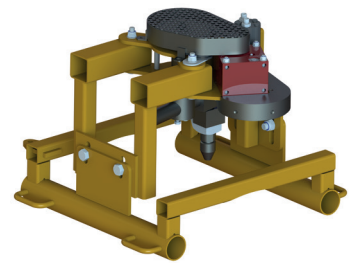
Optional UCS Mooring Chain Cutter



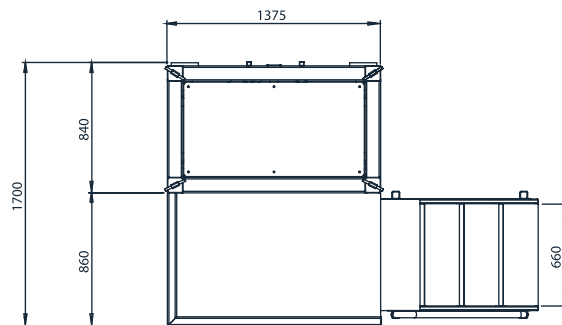
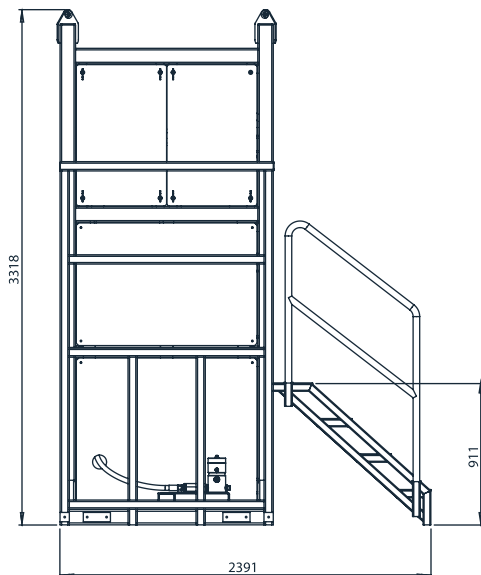
Optional UCS Circumferential Chain Manipulator



Optional UCS Internal Pipe Cutter



Optional UCS Abrasive Hole Cutter



Aberdeen

Abu Dhabi

Broussard

Halifax

Houma

Houston

London

Singapore

Specifications subject to change without notice. Specific interface and performance information should be reconfirmed at time of order placement.