



UCS Subsea Grit Cleaning System

Diver operated grit cleaning system

The UCS subsea grit cleaning system is a low pressure air / grit entrained cleaning system suitable for cleaning operations down to a water depth of 600FSW (180mtr) which provides a fast, reliable and cost effective cleaning solution for removing marine growth, corrosion and other coatings to a S.A 2.5 finish. Continuous cleaning operations due to a twin grit pot design.

The system utilises air as the delivery system for the cleaning grit which can be supplied by either the vessel or a third party air compressor.

Applications

Pipeline / structure maintenance
Marine archaeology
Salvage operations

Features

Designed for depths of 600FSW
Air operated simplistic system
Proven reliability
Twin pot for continuous operation
Easy maintenance

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



Grit consumption	150kg / 331lbs/hr per hopper
Grit pot capacity	250kg / 551lbs per hopper
Grit type	'J-Blast' Supa expandable abrasive - 0.2 -1.5mm
System rated pressure	27.6bar / 400psi
Compressor air flow	510 - 1444m ³ /hr / 300-850cfm
Air compressor requirements	24bar @ 21m ³ /hr / 350psi @ 750cfm (Down to 152m) 24bar @ 24m ³ /hr / 350psi @ 850cfm heavy duty / high volume (Below 152m)
Operational water depth	30-183m / 98-600ft (Refer to regulator depth pressure setting chart)
Typical cleaning rate	5m ² /hr / 97in ² /hr (Application dependent)
Dimensions	3340mm / 131.5in x 2420mm / 95.3in x 2740mm / 107.9in
Gross weight	8000kg / 17637lbs

