



## UCS Coating Removal Tool

### High pressure water coating removal tool

The coating removal system has been designed & developed to remove all types of protective coatings including concrete weight coat, epoxy, bitumen and FBE on subsea pipelines and platform jacket members. The system utilises high pressure water with the capability of cleaning a diameter range of 152mm OD right through to 1500mm OD.

The coating removal tool (CRT) utilises a supervisory control and data acquisition (SCADA) system to control the tool via an intelligent subsea valve control system (IVP) along with fitted cameras and graphical representation topside giving real time information feedback. This system allows the operator infinite control allowing for optimum cleaning performance. Two sweeping and opposing high pressure water jets clean the product while linear, rotational, nozzle standoff & sweep speeds are controlled topside by UCS personnel.

### Applications

- Linear coating removal
- Circumferential coating removal
- Full coating removal

### Features

- Rapid cleaning rates
- SCADA system - user friendly
- 1.5 cleaning stroke over 360° circumference of pipe
- Any coating removal
- Superior performance
- Easy installation
- Diver or ROV deployable
- Topside control

### 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



Pipe capacity CRT 5,1,2,3	Ø152mm to Ø356mm / Ø8in to Ø14in Ø300mm to Ø800mm / Ø11.8in to Ø31.496in Ø780mm to Ø1150mm / Ø30.708in to Ø45.275in Ø1150mm to Ø1500mm / Ø45.275in to Ø59.055in
Hydraulic requirements	55lpm@210bar / 10.6gpm @ 3045psi
Hydraulic oil type	ISO VG32 or equivalent
Maximum carriage travel speed	484.38mm/min / 19.07in/min
Typical coating removal speed	0.042m <sup>2</sup> /min / 65.1in <sup>2</sup> /min
Mass in air CRT 5,1,2,3	740kg / 1630lbs
	780kg / 1720lbs
	820kg / 1808lbs
	900kg / 1984lbs
Mass in water	640kg / 1400lbs
	680kg / 1499lbs
	714.92kg / 1574lbs
	784.67kg / 1731lbs
Liner stroke	1500mm / 59in
Dimensions CRT 5,1,2,3 (L x W x H)	3004mm / 118in x 1318mm / 52in x 1475mm / 58in
	2975mm / 117in x 1543mm / 61in x 1359mm / 54in
	3115mm / 123in x 2210mm / 87in x 1669mm / 65in
	3195mm / 126in x 2620mm / 103in x 2014mm / 79in

