

Coating Removal System



This tool is a remotely operated caisson cleaning system which uses a vertical frame and circular power heads to secure around the caisson. The system is easily deployed to remove marine growth, facilitating inspection and providing an alternative to the more traditional rope access systems. The system also has Electro Hydraulic and Lever operated hydraulic system options.

Operating using HP or UHP water jetting it provides pre-painting preparation of caissons without the need to shut down operations. This remotely operated system uses a modular remote to control which can be operated up to 100m from the system which controls the water jets both vertically and circumferentially around the caisson on a 360° ring.



Coating Removal System	
Spine length dimensions	6000mm
Jet ring dimensions	1400mm and 2000mm options
Main cleaning system weight	900kg (At spine 4000mm mode)
Power control unit weight	340kg
Rotolance (2000bar) weight	110kg
Pressure & flow - main system	1000 - 1400Bar with typical flow rates of between 180 - 260lpm
Pressure & flow - rotolance accessory	Maximum performance of 65 lpm at 2500bar
Rotation & movement	360° Oscillating jetting capability with 1x UHP jet located on either 2000mm or 1400mm rings capable of 100% vertical travel on spine
Clamping diameters	This system can be deployed on a range of caisson diameters to handle most pipework between 700 - 1500mm
Safety features	<ul style="list-style-type: none"> Adjustable pressure relief valve located on each clamps. Manually operated 2-station panel. (One handle for each grapple). Minimal personnel involvement during jetting operations. Increased operator safety over traditional hand held manually operated equipment. Working remotely the operator is able to set the jet angle, number of passes and speed of travel on the cleaning head.