



Vortex Hydrate Removal Brush

Fast and effective tool for clearing marine growth

The gas hydrate brush is designed to be used in conjunction with vortex reverse flow dredge or with vortex water pump only as the motive water source.

Water jets on four sides and front of hydrate cleaning brush utilising high volume water (62 m³/hr with tornado pump) and up to 80psi water pressure (with tornado pump) generate severe turbulence to break up and disperse the hydrate build up with water pressure and flow. Mechanical action of bi-directional rotary brush serves to further break up hydrates. Soft bristles avoid damage to sensitive EFL and HFL assets.

Applications

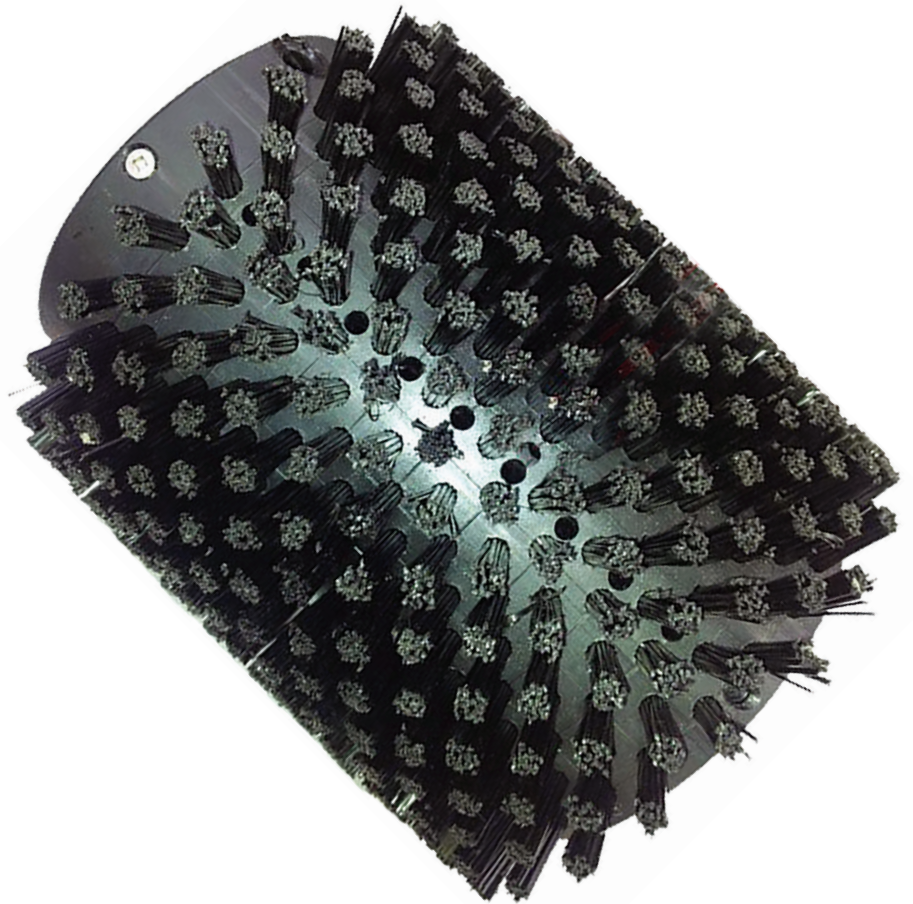
Riser cleaning
Vessel hull cleaning
Mooring chain cleaning

Features

Hydraulically driven brush
High volume water flow
Connects to any vortex dredge

In the box

Parallel brush specifically for class 1 to 4 torque buckets
Ball type brush for general cleaning
Tool base complete with fish tail
ROV manipulator handle
Operational hoses
Operations and maintenance manual



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Specifications



Hydraulic requirement	103bar / 1500psi minimum
Hydraulic flow	16lpm / 4.2gpm minimum
Brush RPM	1950rpm (with OMM 8 motor)
Brush torque	11Nm / 8ft lb (with OMM 8 motor)
Weight of tool in air	7kg / 15.4lb
Weight of tool in water	6kg / 13.2lb
Tool dimensions	Length 550mm / 21.6in (with class 1 to 4 brush installed)
	Width 160mm / 6.2in (with class 1 to 4 brush installed)
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Class 1 to 4 brush dimensions	Length 180mm / 7in
	Diameter 160mm / 6.2in
Class 1 to 4 brush	Bristles - polypropylene, core - sanilite
General cleaning brush dimensions	Length 140mm / 5.5in
	Diameter 150mm / 5.9in
General cleaning brush	Bristles - polypropylene, core - sanilite

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