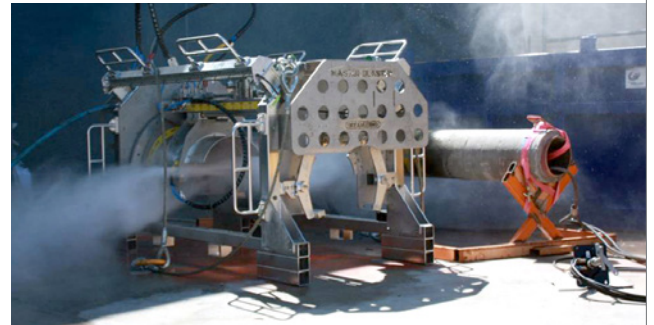


# Protective Coating Removal Tools

Models 420, 1636, and 3264

The protective coating removal tools (PCRT) are an effective and efficient means of removing coating on pipelines. Our product portfolio includes tools to address pipe sizes ranging from 4 to 64 inches. The PCRT uses high pressure water to remove concrete weight coat (CWC), fusion bonded epoxy (FBE), coal tar epoxy (CTE), and other protective coatings commonly found on subsea pipelines.



## FEATURES

Capable of removing 3.6 ft / 1.1 m of coating in 360° in one circumferential pass

Interchangeable jetting heads for customized performance

ROV- and diver-operable solution

# Protective Coating Removal Tools

The tools are fully automated with integrated hydraulic controls that enable Oceaneering operators to control the linear and circumferential motion through a graphical user interface (GUI). The tools are also equipped with several redundant features to maximize cleaning time and mitigate down time. In order to optimize the monitoring and performance of the tool, the PCRT comes standard with LED cameras, providing an enhanced overview of the cleaning process.

- » Two jetting nozzles for faster, more efficient cleaning
- » Can be supplied with buoyancy to aid flotation stability
- » Can alternate from linear to a circumferential motion
- » Fully-automated ROV controls, if required
- » Custom sizes available for larger pipes, upon request

## Technical specifications

Hydraulic Supply (ROV option)		Hydraulic Umbilical Supply (Diver option)	
Pressure	3,000 psi / 206 bar	Eight core hydraulic umbilical with two high-pressure water lines	
Flow rate	10 gal/min 40 L/min	Pressure	3,000 psi / 206 bar
Hydraulic connection	17H dual-port hot stab	Flow rate	10 gal/min 40 L/min
Electrical Supply (ROV option)		Electrical Umbilical	
Voltage	24 VDC	Maximum working pressure	20,000 psi / 1,500 bar
Amperage	6 A	Powers four cameras via wet-mateable connection	
Communication	RS-232		24 VDC, 6A, coaxial
Cleaning Area			
		Linear	3.6 ft / 1.1 m
		Circumferential	360°
		Depth limitation	656 ft / 200 m

	PCRT 420	PCRT 1636	PCRT 3264
Pipe compatibility (maximum OD)	4 to 20 in	16 to 36 in	32 to 64 in
Weight	1,500 lb / 680 kg	2,800 lb / 1,270 kg	3,800 lb / 1,724 kg
Dimensions (L x W x H)	64 x 47 x 98.4 in / 162.2 x 120 x 250 cm	96.7 x 71.5 x 81.4 in / 245.6 x 181.6 x 206.8 cm	137.8 x 131.5 x 145.7 in / 350 x 334 x 370 cm
Control van dimensions (L x W x H)	240 x 94.5 x 102.4 in / , 6.1 x 2.4 x 2.6 m		
Control van weight	35,274 lb / 16,000 kg		
Spares van dimensions (L x W x H)	118.1 x 94.5 x 94.5 in / , 3 x 2.4 x 2.4 m		
Spares van weight	22,046 lb / 10,000 kg		
Hose reel dimension (L x W x H)	75 x 79 x 80 in / , 1.9 x 2 x 2 m		
Hose reel weight	11,000 lb / 5,000 kg		
Diesel HPU dimension (L x W x H)	106 x 43.3 x 66.9 in, 270 x 110 x 170 cm		
Diesel HPU weight	3,307 lb / 1,500 kg		
Diesel-driven, high-pressure pump dimensions (L x W x H)	117.8 x 96 x 96 in / , 299.1 x 243.8 x 243.8 cm		
Diesel-driven, high-pressure pump weight	22,046 lb / 10,000 kg		
Overboarding chute dimensions (L x W x H)	54.5 x 52.6 x 137.4 in / , 138.5 x 133.5 x 349 cm		
Overboarding chute weight	772 lb / 350 kg		

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