

BRISTLE BLASTER® SUBSEA

MontiPower's
Bristle Blasting®
Solutions



The Subsea is MontiPower's new hydraulic underwater device. Some call it the Aquablaster due to its unique water drive. This water-driven technology provides a profiled surface which is dense, regular and angular for the mechanical bonding of protective materials against corrosion. Connected with a power unit via a single, neutrally buoyant high-pressure hose, the Subsea creates a surface preparation grade comparable to Sa 2.5 or Sa 3, with roughness levels up to 50 µm Rz.

Excellent for pipeline composite reinforcements and subsea welding activity on ships, port infrastructure and subsea pipelines. It is a rental product offered via Cleantech Services.



PREPARATION FROM SCRATCH

Our platinum affiliated global partners also offer the new underwater cleaning and substrate profiling solution on a direct basis. The new machine even works in muddy waters. Its water drive has the advantage that it cannot possibly create any hydraulic oil spillages underwater. MontiPower offers underwater blasting training and will certify trained and qualified divers to make sure that surface preparation can be done properly in submerged areas. Working depth depending on hoses length. Standard hoses can go up to 200mtr. Additional depth requires larger diameter hose and with standard pump configuration this can go up to 500mtrs. For greater depth higher pressure output is required, such can be achieved with changing the pump unit configuration.



SPECIFICATIONS

Water pressure: 100 - 300 bar
(1,450 - 4,350 psi)

Water flow: 20 - 40 LPM
(5.3 - 10.6 GPM)

Surface preparation grade:
comparable with Sa 2,5-3 (ISO
8501-1)

Roughness level: up to
50 µm Rz

FEATURES

- ▶ Powerful and serviceable water motor
- ▶ Durable, salt water resistant materials
- ▶ Torque and speed adjustable with high-pressure unit
- ▶ Large control lever with "Safety catch"
- ▶ Adjustable handle for second hand
- ▶ Single water pressure supply hose
- ▶ Removes corrosion, coatings, scale and adhesive residues



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