

HARBOUR AQUABRADE

UNDERWATER GRIT BLASTING SYSTEM



- **Subsea and topside operation**
- **Up to 5 times faster than conventional grit or water jetting**
- **Rapid removal of surface coverings**
- **Low pressure operation**
- **Low operating grit and water usage**
- **Simple to operate**

The new Harbour Aquabrade is designed for corrosion removal and cleaning **above and below** the waterline to a depth of 15 metres.

Ideal for ship repair and hull cleaning. Other shallow water applications may include pipeline repair, cleaning oil residues and encrustation from **harbour pilings and stonework**.

Hull cleaning, welding preparation and propeller polishing can be achieved without the need to take vessels into dry dock, **cutting the cost and time** involved in cleaning vessels. **Aggressive cleaning of corrosion** in metal structures is achieved to SA 2.5 and SA 3 bare metal finishes, allowing high adhesion for paints

Gentle cleaning of **delicate surfaces** such as GRP hulls, wooden decking can also be achieved without damage to the material.

No electrical supply is needed, the machine is **intrinsically safe** to use in any environment.

For deeper water see our Sub-Aquabrade equipment.

- Grit usage**
- 1kg per minute, commonly uses olivine or garnet 0.5 mm
 - 120 kg grit pot

- Water**
- 1-2 litres per minute (approximately)
 - 75 litre water tank
 - Filled with mains connector

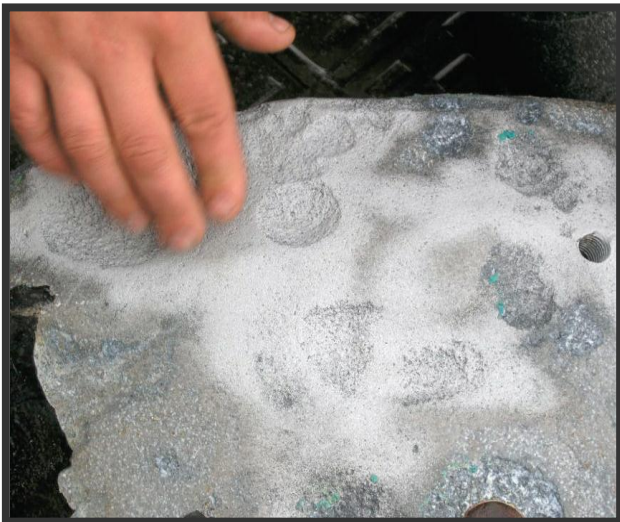
- Air**
- 175 cu ft per minute
 - Runs off standard diesel compressor
 - Nozzle end pressure 20-80 psi

- Surface finish**
- Cleans corroded surface to SA3 standard
 - Matt finish

- Environmental impact**
- Minimal 'splash back' due to low pressure
 - Contaminated material binds to grit and remains in situ
 - Little disruption to marine life

- Options**
- Dosing pump can be fitted to add rust inhibitor or fungicide
 - Wheeled or skid mounted

Please note that as Harbour Aquabrade is built to meet the client's requirements, the above details are meant as a **guide** only



Application on corroded aluminium

