FRASER PUMP
& engineering

AQUABRADE

- **Rapid removal of surface covering**
- **Low pressure operation**
- **Effective on hard and soft surfaces**
- **Low usage of grit and water**
- **Simple and quick to deploy**
- **Low dust contamination**

The **portable unit** provides a precisely controlled blend of liquids, abrasives and compressed air which is discharged in the form of wet slurry. This rapidly scours away encrustation such as paint and corrosion products at up to **5 times the speed** of conventional grit blasting.

By varying the nozzle pressure and type of abrasive, **different surface finishes** can be obtained.

The **low pressure operation** is safer for the operators and **reduces the 'splash back'**

Aquabrade can rapidly clear **both hard** and **soft deposits**

The technique is **in use throughout the world,** cleaning steel structures, stone surfaces and brickwork.

Sub-Aquabrade is available for **underwater** use, operating at up to **200metres** depth

Fraser Pump & Engineering, a trading company of Blue Pennant Ltd.
Incorporated in England and Wales.

Registered Number 4121305
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Grit usage

- 1-3kg per minute, commonly uses olivine or garnet 0.5 mm
- 200 kg grit pot

Water

- 1-2 litres per minute(approximately)
- 100 litre water tank
- Filled with mains connector (or manually)

Air

- 250 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

MAJOR ONE

Major One is a single channel machine for a single operator.
Dimensions: 1.8m L x 1.5m W x 1.5m H
Weight: 350 kg unladen

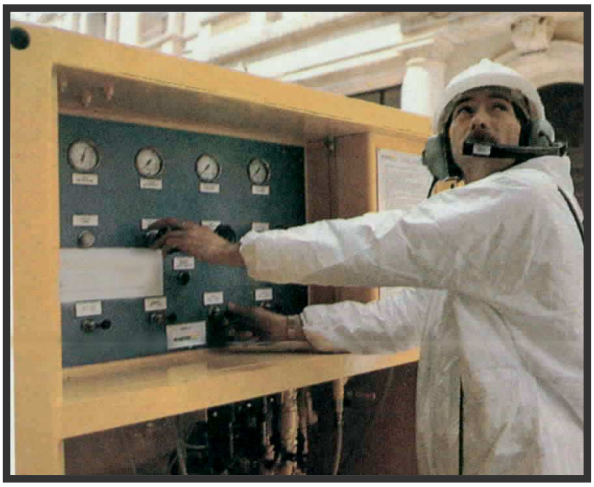
MAJOR TWO

Major Two is a 2 channel machine, with two independent grit pots and two independently controlled hoses
Dimensions: 2.3m L x 1.5m W x 1.5m H
Weight : 600kg unladen

Options

- Skid mounted with lifting arm or trailer mounted
- Chemical injection facilities for accurately dosed rust inhibitors/fungicide
- Communication sets

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



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