

A close-up photograph of the Applied Aquablaster Xtreme 100 blasting machine. The machine is a light-colored, rectangular unit with a black top section. It features three circular pressure gauges on the front panel. A black hose is connected to the top. The text 'AQUABLASTER XTREME 100' is printed in large, bold, black letters on the front. Below the main title, the words 'WATER PRESSURE' and 'PUSHER LINE' are visible. The background is a solid dark green color.

# **THE APPLIED AQUABLASTER XTREME 100 BLASTING MACHINE**

FROM WET TO DRY BLASTING AT THE TOUCH OF A BUTTON

# THE APPLIED AQUABLASTER XTREME 100

## A game-changer from the experts in portable blasting technology

From the team who brought you the award-winning Applied Classic Range, now comes our latest innovation; the new Applied Aquablaster Xtreme 100; a best-in-class combination of smart engineering with simple, user-friendly design. You'll wonder how you ever managed without it.

## You asked. We answered.

Since we founded the company over a decade ago, we've always listened to our customers. So when those customers asked if we could create a dustless or wet blasting machine - built to the same high specification as the Applied Classic range - we took on the challenge. The result? Our new Aquablaster Xtreme 100 – a high performance blasting machine that transforms from dry blasting to wet blasting at the push of a button.



## So many uses within your grasp

The Applied Aquablaster Xtreme 100 is a must-have for blasting contractors or hobbyists working on projects that require both wet and dry blasting. In wet blaster mode, the lack of heat or friction makes it the ideal companion for delicate jobs such as car-restoration or boat-cleaning, as it won't warp or damage the steel car panels or fibre-glass boat hulls. Plus, with you in control of the air/water pressure, it's gentle enough for wood-restoration. Also, the reduction of airborne particles during operation makes it the cleaner, greener choice, without compromising on performance.

DESIGNED &  
MANUFACTURED  
IN IRELAND



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# PREPARE TO HAVE YOUR EXPECTATIONS EXCEEDED

## From Dry Blaster to Wet Blaster at the push of a button

For projects that require both dry and wet blasting, the Applied Aquablaster Xtreme 100 delivers flexibility, at the push of a button. And with a continuous blast time of approx 40 minutes, it means minimum downtime and maximum productivity.

## Double Diaphragm Water Pump

The air-operated water pump is capable of drawing off and pumping water from any water supply, making it ideal for jobs where access to a standard water outlet is limited.

## Dual Water Filtration System

The blasting machine's water hoses are fitted with a double-filter system to prevent unwanted debris getting into the pump.

## Concave Top & Steep Conical Bottom

The blasting machine's concave top allows for rapid filling, which is then sealed automatically by a heavy duty pop-up valve. While the steep conical bottom ensures that all blast media flows down to the metering valve.

## Corsa II Abrasive Control Valve

This high performance abrasive metering valve gives the user precise control of the amount of abrasive in the airflow. This ensures maximum abrasive efficiency, which in turn means better performance and lower operational costs.

## Remote-Control System & Silencer

The compact remote-control system, including dead man switch, puts the operator in control of the machine at all times.

## Moisture Separator & Pressure Regulator

For optimum blasting efficiency, the moisture separator removes unwanted moisture from the air supply. While the pressure regulator enables precise control of the air supply, allowing the optimum blast pressure to be set.

## Independent Pressure Gauges

Lined-up across the top and side of the stainless steel dashboard, the four pressure gauges are clear and easy-to-read, ensuring accurate monitoring of the different pressure systems.

## Claw Couplings

For a quick set-up with no delays, the claw couplings ensure that all hoses can be connected easily and securely.

## Polished Stainless Steel Dashboard

The machine's impressive stainless steel dashboard is corrosion-resistant, plus it can be easily removed to enable quick access for servicing and maintenance.

## Heavy Duty Wheels

The Applied Aquablaster Xtreme 100 stands on two heavy-duty wheels for optimum mobility.

## Made in Ireland - Approved across Europe

Like all of the industrial equipment we make, we're proud that the Applied Aquablaster Xtreme 100 is designed and manufactured in the heart of Ireland at our Headquarters in Birr, Co. Offaly. And of course, all our machines comply with the European PED and carry the CE mark.



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# UP CLOSE WITH THE APPLIED AQUABLASTER XTREME 100



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Concave top for rapid filling of pot is sealed automatically by a heavy duty pop-up valve.



Independent pressure gauges that display readings for each pressure system



The corrosion-resistant polished stainless steel dashboard can be easily removed for maintenance.



Pneumatic double-diaphragm water pump.



Remote control system gives full control of the blast machine for operator safety.



Pneumatic switches provide easy activation of metering valve & water pump.



Quick release fitting for easy and secure setup and tear down.



Pneumatically controlled metering valve for precise control of even the finest abrasives.

## DIMENSIONS & TECHNICAL SPECIFICATIONS

| APPLIED AQUABLASTER XTREME 100 | UNITS                          |
|--------------------------------|--------------------------------|
| Media Capacity                 | 100 litre                      |
| Tank Diameter                  | 420 mm                         |
| Height                         | 1260 mm                        |
| Weight                         | 114 Kgs                        |
| Piping                         | 1 inch                         |
| Blast Time                     | 40 min (approx)                |
| Dashboard                      | Polished Stainless Steel       |
| Blast Pot Exterior             | Powder-coated in Applied Green |

## YOU'RE READY TO BLAST

### NO LENGTHY SET-UP

When you order your Applied Aquablaster Xtreme 100 it will arrive ready for you to use. Every machine comes complete with:

- 10 metres of heavy-duty Blast Hose
- 10 metres of heavy-duty Water Supply Hose
- 10 metres of heavy-duty Water Feed Hose
- 10 metres of twin-line Remote Control Hose with quick release couplings
- Aluminium Water-Induction Nozzle, with long-life boron carbide insert
- 10 metres of Air Supply Hose with quick claw couplings
- Applied's 12 month warranty

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# DOUBLE DIAPHRAGM WATER PUMP – THE HEART OF THE MACHINE

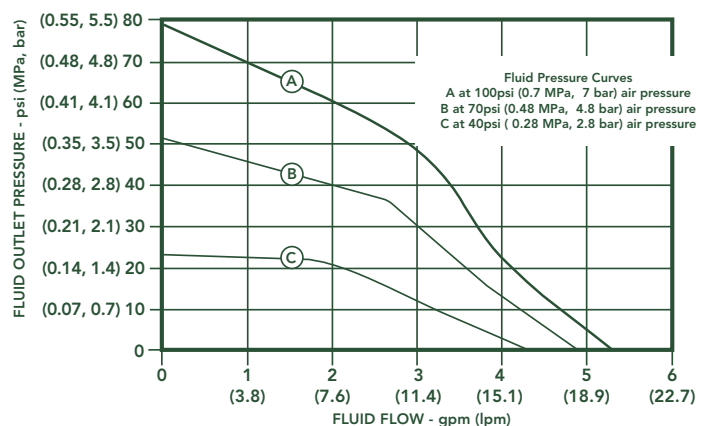
## TECHNICAL SPECIFICATION

- Maximum fluid working pressure: 100 psi (0.7 bar)
- Maximum suction lift dry: 8 to 10ft (2.5 to 3 m)
- Volume per cycle: 0.012 gal (46 cc)
- Maximum/minimum air pressure: 100 psi/20 psi
- Technical Specification
- Maximum fluid flow: 5.0 gallons per minute (18.9 litres p/min)
- Maximum pump speed 320 (dry) cycles per minute: 250 (wet) cycles per minute
- Volume per stroke: 0.006 gal (23 cc)
- Maximum operating temperature: (82° C)

## AIR POWER = WATER POWER = BLASTING POWER

The water consumption of the Applied Aquablaster Xtreme 100 is infinitely variable and depends on the air pressure going to the pump, which is controlled via the water pump pressure regulator. To put it simply, the more air pressure, the faster the pump (more water used).

See graph below.



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# A BLASTING MACHINE THAT'S AS BUSY AS YOU

The arrival of Applied's Aquablaster Xtreme 100 is a game-changer for anyone who has ever used a standard blasting machine and wished it could do more. The combination of wet and dry blaster in the one machine greatly increases its potential applications for both professionals and hobbyists. Particularly in wet blaster mode, where the absence of heat build-up prevents damage when working on delicate car panels, fibre-glass boat hulls or wooden structures.



Removes paint, primer, rust, and other contaminants quickly and easily.



Ideal for work on delicate fibre-glass hulls and aluminium fittings.



For professional hobbyists, restorative work is easier, cleaner and quicker.



Minimum dust-residue makes it ideal for work in built-up areas.

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## YOU'RE IN GOOD HANDS WITH APPLIED

Purchase an Applied Aquablaster Xtreme 100 and you're also buying the expertise and know-how that comes with a decade of leading the way in blasting technology. The Applied name also comes with a promise of safety, reliability, durability and value for money.

### BACK-UP SERVICE & SPARE PARTS

The Applied Support Team will provide any assistance you need after purchasing your machine. And when it comes to spare parts or replacements, if we don't have them in stock, we'll order and ship them to you within the shortest possible time-frame.

### WARRANTY & EASE OF PURCHASE

At Applied we believe in making it easy for you to buy from us. Our purchasing system is simple and straight-forward and our size means we're more flexible. So when you order your new machine, we'll get it from our workshop to yours without delay. We also provide a 1 year warranty as standard.

**All Applied Blasting Machines are equipped with all necessary fittings & connections.**  
**For delivery, one complete blasting machine package will be mounted on a wooden pallet.**

Get in touch  
to find out how Applied's  
**AQUABLASTER XTREME 100**  
**BLASTING MACHINE**  
can work for you.

Your Local Applied Distributor



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