



APPLIED CLASSIC BLAST MACHINE RANGE

www.appliedpi.com





TABLE OF CONTENTS

Applied Range of Classic Blast Machines	7
Key Features	9
20 Litre Blast Machine	11
40 Litre Blast Machine	13
100 Litre Blast Machine	15
140 Litre Blast Machine	17
200 Litre Blast Machine	19





WELCOME TO APPLIED CONCEPTS

Since 2007, people have put their trust in our blasting machines thanks to their reliability and endurance. Since the beginning, we've spent our days and nights at our manufacturing facility earning that trust by producing a range of superior quality machines. As specialists in blasting equipment, Applied have continuously set standards for quality across the globe.

We offer some of the most advanced blasting machines on the market, with excellent performance, inexpensive running costs and continuous reliability. Our customer service department is trained to deal with questions quickly and effectively. We also stock a wide range of spare parts and accessories so that your blast machines will have a long operational life.

We have been proud recipients of the National Enterprise Award from the Government of Ireland thanks to our strict quality control, peerless design and engineering excellence. Even though the award gave us international visibility and a growing overseas customer-base, we're not standing still. We continue to invest in our in-house facilities and improve our designs, all so we can exceed the expectations of our customers.

Mark Clendennen
CEO | Applied Concepts LTD




DESIGNED FOR PURPOSE. LED BY QUALITY.

Our blast machines are designed and built to the highest standards so our customers know they're buying a market-leading product that will deliver peerless results time after time, even in the harshest working environments. We want our customers to trust that they can rely on Applied machines when they need them most.

Every machine from Applied is built to exacting PED standards (Pressure Equipment Directive) and carries the CE (Conformité Européene) mark. This means our blast machines conform to EU criteria for long lasting and reliable equipment that meets safety, health and environmental protection standards.

From design and fabrication to delivery, we make sure that the same care and attention to detail goes into each stage of the process. We believe that our reputation is welded into every piece of the equipment we make. And we wouldn't have it any other way.

 CE (Conformité Européene)

WHY APPLIED?

We want our customers to be confident that they're buying from the market leader when it comes to blasting technology. Our machines are produced to rigorous standards and we also support you with extensive expertise, a wide knowledge-base and customer service should you need it. We go the extra mile because we know our long-term success relies on our relationship with our customers. We want to make your work light, whether you're using our equipment commercially or for personal projects.

Ticking all the boxes

From high quality CE approved portable blasting machines, blast media, parts & accessories to safety equipment, the Applied name comes with a promise of quality, safety, reliability, durability and unbeatable value for money.

Ease of purchase

We have over 15 years' experience selling to businesses and directly to consumers, and in that time, we've learned to make the sales process easy and efficient. We're a highly specialised company so your product can make it from factory to delivery with speed and ease.

First-class manufacturing

Our in-house manufacturing has helped us become experts at what we do, which means we offer consistently high-quality products with long operational lives at high production rates. The Applied range of blast pots are completely manufactured here in the centre of Ireland and our austere quality control ensures all our products are reliable even in the harshest working environments. Our dedicated quality management team ensures every machine exceeds industry standards and customer expectations.

Availability of spare parts

We design our products for a long operational life, and to make sure your machine is always ready for the task ahead we stock a wide range of spare parts.

Safety first

At Applied, safety is always our priority, which is one of the reasons why we do all manufacturing in-house to guarantee quality. Our machines comply with or exceed European standards for the PED (Pressure Equipment Directive) and you'll also find the CE (Conformité Européene) mark on our products to clearly show that we put health, safety and environmental protection first.

Never standing still

Our designers and engineers are constantly refining our machines and processes and we've invested heavily in the latest manufacturing equipment to stay competitive. Our designs are a balance of safety, function, appearance and ease of use. These are Irish-made machines and they carry our pride.

APPLIED

APPLIED CONCEPTS LTD.
www.appliedpi.com

APPLIED RANGE OF CLASSIC BLAST MACHINES

Our range of superior blast machines are built to ensure a long and reliable operating life. Each Applied unit is fabricated from heavy gauge steel and high quality components to withstand continuous use in the most demanding working environments. Designed and manufactured in-house, our range of CE approved blast machines will satisfy the most demanding customer, combining safety and ease of use with high performance and reliability. Because no two jobs are the same, our blast pots range from 20L to 200L capacity.



20 LITRE



40 LITRE



100 LITRE



140 LITRE



200 LITRE

KEY FEATURES OF THE APPLIED RANGE OF CLASSIC BLAST MACHINES





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



Lifting eye located on opposite sides for ease of transport.



Compact remote control system. This gives the operator full control at the end of the blast hose, giving higher abrasive efficiency, increased performance and operator safety.



Exhaust muffler greatly reduces bleed off noise.



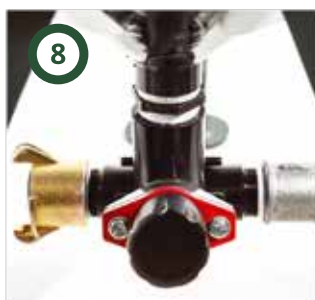
Moisture water separator. Assists in removing the water and moisture from the incoming compressed air supply to the blast pot, helping to ensure that the abrasive does not become damp.



Quick Claw coupling for quickly attaching air supply hose.



Flexible pusher line guarantees air flow without pressure loss caused by elbows, and eases valve replacement.



Fitted with abrasive control valve with Tungsten adjusting bar.



Heavy duty Large wheels.



Large inspection hole for easy access to inside.



Pressure gauge and pressure relief valve.



Unique seal-saver technology, incorporated into all our machines, which does exactly what it says, by preventing abrasive grit entering the valve-seals.

A close-up photograph of an Applied 20 Litre Classic Blast Machine. The machine is dark blue with silver-colored metal components. It features a horizontal bar with three cylindrical nozzles. Below the bar, there are three vertical support legs. The machine is mounted on a frame with four large, treaded tires and red wheels. The background is a blurred industrial setting.

APPLIED 20 LITRE CLASSIC BLAST MACHINES

The smallest blast pot in our range, this tidy yet powerful machine is easy to move around, making it ideal for oneman operations. This compact blast machine will deliver, whether you're doing remedial work, glass etching or general cleaning and maintenance. Fabricated from heavy gauge steel, it produces a uniform surface texture and offers a continuous blast time of approximately 10 minutes, making it highly efficient for its small size.

APPLIED 20 LITRE CLASSIC BLAST MACHINE

WITH THE PNEUMATIC REMOTE CONTROL
SYSTEM AND MICRO ABRASIVE CONTROL VALVE

Product Code: SP520002

Weight: 41 kg

KEY FEATURES INCLUDE

- Main air isolation valve for additional safety
- Concave top for rapid filling of pot which is sealed automatically by heavy duty pop-up valve
- Conical bottom ensures all media flows to metering valve
- Inspection hole – Allowing easy access for inspection and maintenance
- Micro abrasive control valve
- Moisture/Water Separator – Assists in removing the water/moisture from the incoming compressed air supply to the blast pot, thus helping to ensure that the abrasive does not become damp
- Quick claw couplings fitted to ensure quick set-up
- Remotely Controlled Valve for quick activation and deactivation of the machine
- Heavy duty puncture-proof wheels for increased mobility
- CE Approved



SPECIFICATIONS

Model	Applied 20
Media Capacity	20 Litres
Tank Diameter	260mm
Height	820mm
Blast Time	Approx 10 minutes
Piping	1/2"

THIS MACHINE IS SUPPLIED COMPLETE AND READY TO USE WITH

- 10 Metres of Heavy Duty Blast Hose
- 11 Metres of Twinline Control Hose with AirFlo Handle
- Boron Carbide Nozzle
- 10 Metres of air supply hose, complete with quick claw couplings, to ensure quick set-up
- 12 Month Warranty

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

APPLIED 40 LITRE CLASSIC BLAST MACHINES

One size up from our smallest blast pot, this larger model still retains a compact look and feel, making it ideal for one man blast-cleaning operations. It's also popular with customers involved in the restoration of vintage tractors, which proves that in spite of its slightly bigger size, it's still easy to transport and move around. Offering a continuous blast time of approximately 20 minutes, it's a hard-working piece of kit for professionals and hobbyists alike.

APPLIED 40 LITRE CLASSIC BLAST MACHINE

WITH THE PNEUMATIC REMOTE CONTROL
SYSTEM AND FINA I ABRASIVE CONTROL VALVE

Product Code: SP520003

Weight: 66 kg

KEY FEATURES INCLUDE

- Main air isolation valve for additional safety
- Concave top for rapid filling of pot which is sealed automatically by heavy duty pop-up valve
- Conical bottom ensures all media flows to metering valve
- Inspection hole – Allowing easy access for inspection and maintenance
- Fina I abrasive control valve
- Moisture/Water Separator – Assists in removing the water/moisture from the incoming compressed air supply to the blast pot, thus helping to ensure that the abrasive does not become damp
- Quick claw couplings fitted to ensure quick set-up
- Pressure Relief Valve for Additional Safety
- Heavy duty puncture-proof wheels for increased mobility
- CE Approved



SPECIFICATIONS

Model	Applied 40
Media Capacity	40 Litres
Tank Diameter	370mm
Height	970mm
Blast Time	Approx 20 minutes
Piping	1"

THIS MACHINE IS SUPPLIED COMPLETE AND READY TO USE WITH

- 10 Metres of Heavy Duty Blast Hose
- 11 Metres of Twinline Control Hose with AirFlo Handle
- Boron Carbide Nozzle
- 10 Metres of air supply hose, complete with quick claw couplings, to ensure quick set-up
- 12 Month Warranty

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



APPLIED 100 LITRE CLASSIC BLAST MACHINES

The ideal choice for mid-size blasting contractors or those involved in small to medium sized fabrication projects. Although this blast pot stands 300mm higher than the 40 litre model, it retains the same ease of maneuverability as the smaller models. With a continuous blast time of approximately 40 minutes before refilling, it's ideal for jobs that require minimum down time.

APPLIED 100 LITRE CLASSIC BLAST MACHINE

WITH THE PNEUMATIC REMOTE CONTROL
SYSTEM AND FINA II ABRASIVE CONTROL VALVE

Product Code: SP520004

Weight: 87 kg

KEY FEATURES INCLUDE

- Concave top for rapid filling of pot which is sealed automatically by heavy duty pop-up valve
- Conical bottom ensures all media flows to metering valve
- Inspection hole – Allowing easy access for inspection and maintenance
- Fina II abrasive control valve
- Moisture/Water Separator – Assists in removing the water/moisture from the incoming compressed air supply to the blast pot, thus helping to ensure that the abrasive does not become damp
- Quick claw couplings fitted to ensure quick set-up
- Pressure Relief Valve for Additional Safety
- Heavy duty puncture-proof wheels for increased mobility
- CE Approved



SPECIFICATIONS

Model	Applied 100
Media Capacity	100 Litres
Tank Diameter	415mm
Height	1270mm
Blast Time	Approx 40 minutes
Piping	1 1/4"

THIS MACHINE IS SUPPLIED COMPLETE AND READY TO USE WITH

- 10 Metres of Heavy Duty Blast Hose
- 11 Metres of Twinline Control Hose with AirFlo Handle
- Boron Carbide Nozzle
- 10 Metres of air supply hose, complete with quick claw couplings, to ensure quick set-up
- 12 Month Warranty

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



APPLIED 140 LITRE CLASSIC BLAST MACHINES

For large projects, like bridge refurbishment, our 140 litre blast pot is ideal. Its larger size means it delivers maximum productivity and minimum downtime, and at the same time offers sufficient mobility where it's needed. With a continuous blast time of approximately 55 minutes before refilling, it's as efficient as it is effective.

APPLIED 140 LITRE CLASSIC BLAST MACHINE

WITH THE PNEUMATIC REMOTE CONTROL SYSTEM
AND FINA II ABRASIVE CONTROL VALVE

Product Code: SP520005

Weight: 108 kg

KEY FEATURES INCLUDE

- Concave top for rapid filling of pot which is sealed automatically by heavy duty pop-up valve
- Conical bottom ensures all media flows to metering valve
- Inspection hole – Allowing easy access for inspection and maintenance
- Fina II abrasive control valve
- Moisture/Water Separator – Assists in removing the water/moisture from the incoming compressed air supply to the blast pot, thus helping to ensure that the abrasive does not become damp
- Quick claw couplings fitted to ensure quick set-up
- Pressure Relief Valve for Additional Safety
- Heavy duty puncture-proof wheels for increased mobility
- CE Approved



SPECIFICATIONS

Model	Applied 140
Media Capacity	140 Litres
Tank Diameter	520mm
Height	1280mm
Blast Time	Approx 55 minutes
Piping	1 1/4"

THIS MACHINE IS SUPPLIED COMPLETE AND READY TO USE WITH

- 10 Metres of Heavy Duty Blast Hose
- 11 Metres of Twinline Control Hose with AirFlo Handle
- Boron Carbide Nozzle
- 10 Metres of air supply hose, complete with quick claw couplings, to ensure quick set-up
- 12 Month Warranty

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



APPLIED 200 LITRE CLASSIC BLAST MACHINES

The largest blast pot in our range, this highly efficient machine is designed for large sandblasting contractors, in situ shipyard blasting and larger fabrication companies. Its size means that mobility is slightly restricted, but it makes up for its static position by delivering an impressive continuous blast time of approximately 80 minutes before refilling, which means maximum productivity and negligible downtime on every job.

APPLIED 200 LITRE CLASSIC BLAST MACHINE

WITH THE PNEUMATIC REMOTE CONTROL
SYSTEM AND FINA II ABRASIVE CONTROL VALVE

Product Code: SP520007

Weight: 135 kg

KEY FEATURES INCLUDE

- Concave top for rapid filling of pot which is sealed automatically by heavy duty pop-up valve
- Conical bottom ensures all media flows to metering valve
- Inspection hole – Allowing easy access for inspection and maintenance
- Fina II abrasive control valve
- Moisture/Water Separator – Assists in removing the water/moisture from the incoming compressed air supply to the blast pot, thus helping to ensure that the abrasive does not become damp
- Quick claw couplings fitted to ensure quick set-up
- Pressure Relief Valve for Additional Safety
- Heavy duty puncture-proof wheels for increased mobility
- CE Approved



SPECIFICATIONS

Model	Applied 200
Media Capacity	200 Litres
Tank Diameter	620mm
Height	1380mm
Blast Time	Approx 80 minutes
Piping	1 1/4"

THIS MACHINE IS SUPPLIED COMPLETE AND READY TO USE WITH

- 10 Metres of Heavy Duty Blast Hose
- 11 Metres of Twinline Control Hose with AirFlo Handle
- Boron Carbide Nozzle
- 10 Metres of air supply hose, complete with quick claw couplings, to ensure quick set-up
- 12 Month Warranty

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



Get in touch
to find out how Applied's
CLASSIC BLAST MACHINES
can work for you

Your Local Applied Distributor



Applied Concepts Ltd
Roscrea Road, Birr, Co. Offaly
R42 XW08
REPUBLIC OF IRELAND

Tel: +353 (0)57 913 7929
Email: sales@appliedpi.com
Web: www.appliedpi.com