

elcometer®



CONTRACTOR
ABRASIVE BLAST
MACHINES

"Every detail of an Elcometer blast machine has been engineered to be safe, last longer and work harder; dependability you can trust."



SAFE & RELIABLE

Rugged, reliable and easy to use, Elcometer blast machines & valves are supplied with a full 12 month warranty against manufacturing defects and are engineered & tested to be **incredibly efficient, durable and safe.**

■ Excellence Is Our Standard

Designed and manufactured at our production facility in Great Britain, Elcometer blast machines are UKCA and CE approved to both PED 2014/68EU and PE(s)R 2016.



■ Built to Last

Manufactured out of heavy duty 6mm (¼") steel with double weld seams and with a tough marine specification multi-coat anti-corrosion paint, Elcometer blast machines exceed UKCA, CE & PED Standards to maximise their lifespan.



■ Putting You in Control

Industry standard remote control valves allow you to safely control the blast machine at the nozzle, whilst the exhaust manifold allows air to quickly depressurise the blast machine.



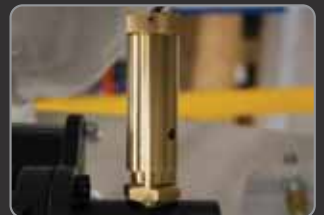
■ Emergency Shut Down

Every Elcometer blast machine is fitted with an easy to reach safety petcock as standard. In an emergency it will isolate the deadman's handle circuit and depressurise the blast machine quickly and safely.



■ Peace of Mind

Pressure relief valves must be incorporated into the system to meet global safety standards. Elcometer offer certified pressure relief valves which can be fitted to automatically discharge the compressed air in the blast machine upon reaching the release pressure.



The Elcometer Abrasive Blast Machine Range Comparison Summary

From small maintenance projects to large scale refurbishment contracts, from blasting small industrial parts to ballast tanks, or iron gates to bridges...

...whatever the scale of your project Elcometer blast equipment is engineered to last longer, work harder and perform better.

Capacity
Maximum Working Pressure (WP)
Pipework Diameter
UKCA & CE Approved to PED 2014/68EU & PE(s)R 2016
Abrasive Media Valve
Valve Liner
Mixer T
Remote Control Valve
Exhaust T
Construction

CONTRACTOR

12bar
(174psi)

32mm
(1¼")

- Industry standard valves & RCV
 - 32mm (1¼") pipework
- Great efficiency & productivity
 - 12bar (174psi)



40-200 litres (1.41-7.06cu ft)

12bar (174psi)

32mm (1¼")

UKCA & CE Approved

Standard Grit Valve (SGV)

Standard

Elcometer Engineered
Standard Mixer T

Standard

Elbow

Made in Great Britain

PERFORMANCE

12bar
(174psi)

38mm
(1½")

- Elcometer engineered valves & RCV
 - 38mm (1½") high flow pipework
 - High efficiency & productivity
 - 12bar (174psi)
 - Ideal for all projects



20-285 litres (0.70-10.06cu ft)

12bar (174psi)

38mm (1½")

UKCA, CE & ASME Approved

Elcometer GV/AGV

elcoTOUGH™ Long Life Liner

Elcometer Engineered High Resistance
Long Life Mixer T

Elcometer Engineered

90° Reinforced Elbow
& Sacrificial Wear Plug

Made in Great Britain

PERFORMANCE HP

15bar
(217psi)

38mm
(1½")

- Elcometer engineered valves & RCV
 - 38mm (1½") high flow pipework
 - Ultimate efficiency & productivity
 - High pressure 15bar (217psi)
 - Ideal for large scale contracts
and long hose runs



100-285 litres (3.53-10.06cu ft)

15bar (217psi)

38mm (1½")

UKCA & CE Approved

Elcometer GV/AGV

elcoTOUGH™ Long Life Liner

Elcometer Engineered High Resistance
Long Life Mixer T

Elcometer Engineered

90° Reinforced Elbow
& Sacrificial Wear Plug

Made in Great Britain

Using industry standard remote control valves, grit valves and 32mm (1¼") pipework, the Elcometer range of **CONTRACTOR** Abrasive Blast Machines are highly competitive and easy to maintain.

- Competitive and easy to use abrasive blast machines
- Available in a range of sizes from 40 to 200 litres to suit your application
- Industry standard parts for simple maintenance
- Heavy duty 6mm (¼") construction for long service life
- Elcometer engineered for reliability
- 12 month manufacturer's warranty against manufacturing defects



The **CONTRACTOR** Portable Abrasive Blast Machines are built to the same high quality as the Elcometer **PERFORMANCE** and **PERFORMANCE HP** blast machines.

Elcometer CONTRACTOR Portable Abrasive Blast Machines are cost effective, easy to use and Elcometer engineered for reliability.

Easy to manoeuvre

Balanced design makes it easy to move on site.

Moisture Separator

Prevents water and oil from entering the blast pot.

32mm (1¼") Pipework

Standard bore 32mm (1¼") pipework throughout for reliable airflow performance.

Fast Flow Cones

45/90° cone to maximise abrasive flow rate.



High Flow Dish

Concave dish for easy refill and deflector plate for operator safety.

Rating Plate

Clear information on pressure ratings, UKCA and CE approval to both PED 2014/68EU and PE(s)R 2016.

Easy Access

Large inspection access wide enough for both arms.

Standard Grit Valve

Industry standard abrasive metering valve.

Flexible Pusher Line

Hard wearing flexible pusher line to maximise air flow.

One Piece Mixer T

Solid one piece metal Mixer T and metal pot coupling.

UKCA & CE approved.

Fully tested and certified to PED 2014/68EU and PE(s)R 2016.

Maximum working pressure of 12bar (174psi).



Heavy Duty Construction

6mm (1/4") steel wall thickness, double weld seams & coated with a tough multi-coat paint for corrosion protection.



Reliable Performance

Standard bore 32mm (1 1/4") pipework throughout for reliable airflow performance.



Concave Dishes

Our high flow concave dish comes complete with a deflector plate for fast filling & operator safety.



Fast Flow Cone

45/90° cone to maximise abrasive flow rate.



Exhaust Manifolds

Industry standard exhaust manifolds allow air to exhaust through the silencer safely.



Moisture Separators

High performance moisture separator prevents water and oil from entering the blast pot.



Large Inspection Access

Elcometer's Contractor abrasive blast machines make inspection and servicing easy, thanks to the large doorway access that is wide enough to fit both arms.

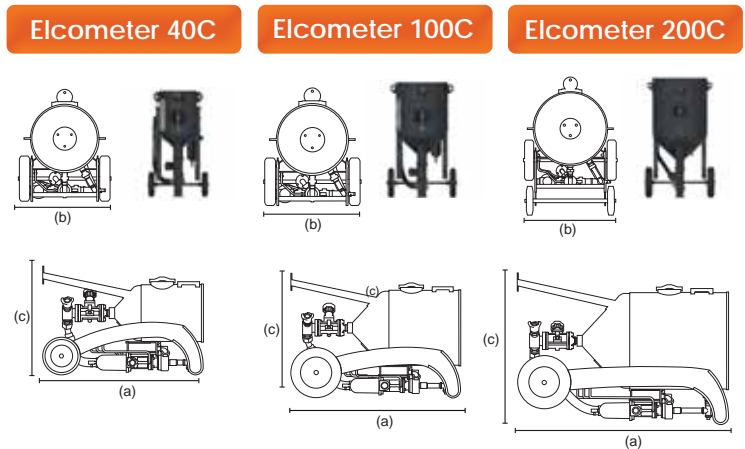


Waterproof Sieves & Lids

Optional sieves & lids are designed to fit over the top of the machine to prevent water ingress, keeping the media dry.

Available in a range of sizes from 40 up to 200 litres (1.41 - 7.06cu ft), to suit your application.

Technical Information		Elcometer 40C	Elcometer 100C	Elcometer 200C
Capacity ¹	Volume	40 litres (1.41cu ft)	100 litres (3.53cu ft)	200 litres (7.06cu ft)
	Aluminium Grit	94kg (206lbs)	234kg (515lbs)	468kg (1031lbs)
	Steel Shot/Garnet	176kg (388lbs)	440kg (971lbs)	880kg (1942lbs)
Model	Portable	■	■	■
Valve	Standard Grit Valve (SGV)	SGV	SGV	SGV
Dimensions	Pot Diameter	356mm (14")	508mm (20")	610mm (24")
	Height (a)	1015mm (40")	1175mm (46")	1380mm (54")
	Width (b)	615mm (24")	704mm (28")	794mm (31")
	Depth (c)	714mm (28")	865mm (34")	1109mm (44")
	Weight	95kg (209lbs)	153kg (337lbs)	205kg (452lbs)
	Pipework Diameter	32mm (1¼")	32mm (1¼")	32mm (1¼")
Maximum Working Pressure (WP) ²		12bar (174psi)	12bar (174psi)	12bar (174psi)
Operating Temperature Range		0-60°C (32-40°F)	0-60°C (32-40°F)	0-60°C (32-40°F)



¹ Aluminium & steel shot capacity figures based on typical media bulk density. Note that bulk density varies according to media size and grade.

² Do not operate this abrasive blast machine unless there is an appropriate safety pressure relief valve within the pressurised system as a whole.

Elcometer Contractor

Kit Selection	Elcometer 40C	Elcometer 100C	Elcometer 200C
Part Number	M40B-G	M100B-G	M200B-G
Abrasive Blast Machine	•	•	•
Pressure Test Certificate	•	•	•
Remote Control Valve with Air Manifold, Exhaust & Silencer	•	•	•
10m (32.8ft) Pneumatic Control Hose & Deadman's Handle	•	•	•
Choke Valve and Pusher Line	•	•	•
Abrasive Metering Valve with Mixer T and Metal Pot Coupling	SGV	SGV	SGV
Moisture Separator	•	•	•

Accessories

Part Number	Description
MT32044	32mm (1¼") Pneumatic Remote Control Valve
MT28617	Moisture Separator Assembly
MT32042	Standard General Valve (SGV)
MT32046-1	Pusher Line Assembly for Elcometer 40C Abrasive Blast Machines
MT32046-2	Pusher Line Assembly for Elcometer 100C Abrasive Blast Machines
MT32046-3	Pusher Line Assembly for Elcometer 200C Abrasive Blast Machines
MT28553	38mm (1½") Mixer T
MT30002	38mm (1½") Pot Claw Coupling
GV-LINER1	elcoTOUGH™ Rubber Valve Liner for 1" General Valve
GV-LINER5	elcoTOUGH™ Rubber Valve Liner for 1" General Valve (x5)
GV-LINER20	elcoTOUGH™ Rubber Valve Liner for 1" General Valve (x20)
SLKIT-14	356mm (14") Screen Sieve & Blast Machine Cover Lid
SLKIT-20	508mm (20") Screen Sieve & Blast Machine Cover Lid
SLKIT-24	610mm (24") Screen Sieve & Blast Machine Cover Lid



Elcometer Standard
Grit Valve



Optional elcoTOUGH™
Long-Life Rubber Valve
Liners



Optional Screen Sieve &
Blast Machine Cover Lid

Not all Abrasive Blast Machines are created equal

Elcometer **Performance** Abrasive Blast Machines are engineered to **work harder**, **last longer** and **perform better**



- High flow rate design with 12 or 15 bar (174 or 217psi) working pressure ensures minimal pressure loss for greater blasting efficiency over long hose lengths
- Precision media valves with fingertip adjustment allow you to use less abrasive to cover the same area
- Safe control & fast depressurisation using state-of-the-art Remote Control Valves
- Machines and valves are tough, reliable & built to last with a full 12 month warranty against manufacturing defects.
- UKCA and CE approval to both PED 2014/68EU and PE(s)R 2016.
- Supported by a complete range of spare & replacement parts, accessories & personal protection equipment



Blast it, paint it, inspect it, test it...



**Blast
Equipment**



**Spray
Equipment**



**Inspection
Equipment**



**NDT
Equipment**



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