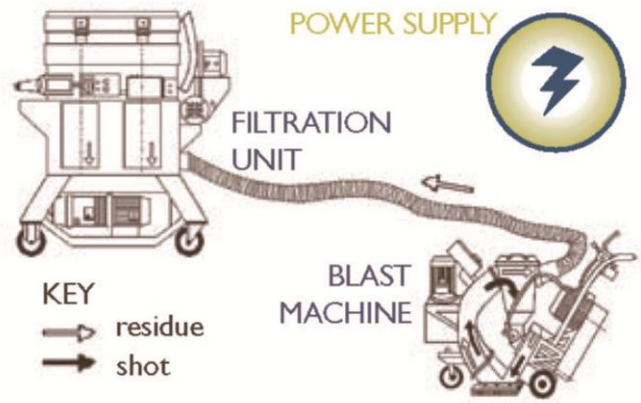


## The Shotblasting Principle

For all enclosed shotblasting equipment the principle remains the same, steel abrasive (shot) is propelled at high velocity onto the designated surface to create an infinite range of profiles. The level of profile is determined by the speed at which the machine is operated and the grade of steel abrasive selected.



## Product Range

The Preparation Group's shotblasters are high performance machines, manufactured from a thick, high grade manganese plate and feature simple, precise controls and body units that are intelligently designed for stability and to create a consistent, uniform blast pattern. Uncomplicated electrics make light work of repairs using standard components.

The PPC215 Shotblaster is the smallest abrasive machine in the range, designed for use with a vacuum unit.

The larger PPC265, PPC400 and PPC558 Shotblasters are supplied with a dedicated filtration unit.

Machine	Size H x L x W mm	Power	Motor	Weight
PPC215 Shotblaster	795-1030x895-1054x295	110v/230v	2.3kW	45kg
PPC215 Shotblaster	1100x1000x300	415v	4kW	114kg
PPC265 Shotblaster	1100x1340x475	415v/3 phase/32amp	11W	345kg
PPC400 Shotblaster	1270x1680x550	415v/3 phase/63amp	15kW	550kg
PPC558 Shotblaster	1220x1600x680	415v/3 phase/63amp	22kW	700kg
2 Filter Collector	1620x1555x720	415v/3 phase/32amp	2.2kW Compressor	350kg
3 Filter Collector	1700x2000x720	415v/3 phase/63amp	4kW Compressor	517kg



Technical Support & Order Line: +44(0)1522 561460

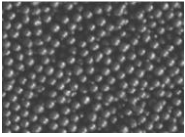





## Applications

- Laitence removal from new concrete
- Line removal
- Preparation of steel to Swedish standard SA3
- Texturing, cleaning & exposing aggregate on concrete or asphalt surfaces
- Providing anti-slip qualities on concrete, stone & tiles
- Removal of paint, adhesive & self levelling compounds

For Health & Safety information visit:  
[www.thepreparationgroup.com](http://www.thepreparationgroup.com)

## Accessories

A selection of the accessories that are available:

<p><b>Steel Abrasive (Shot)</b>                  Creates the surface profile.                  Available in 5 grades.</p>	
<p><b>Tuning Kit</b>                  Propels shot onto the floor</p>	
<p><b>Liners</b>                  Wear plates. Available in Top, Left, Right and Middle</p>	
<p><b>Magnet</b>                  Collects and retains shot</p>	
<p><b>Skid Seal</b>                  Creates a seal against the floor at the back of the machine</p>	
<p><b>Brush Seal</b>                  Creates a seal against the floor at the front and side of the machine</p>	

We also supply a Magnetic Sweeper to collect steel abrasive after shotblasting.



## Guide to Steel Abrasive (Shot)

**Shot is the medium used in all enclosed shotblasting equipment to create the designated surface profile.**

### 330 Grade 0.85 – 1.2mm

Very fine profile. Can be used to lightly texture power floated concrete, steel or asphalt surfaces. For general cleaning.

### 390 Grade 1.0 – 1.4mm

More aggressive than 330 and commonly used to clean and texture surfaces prior to applying coatings and sealants.

### 460 Grade 1.2 – 1.7mm

Most popular grade for cleaning concrete, asphalt and tiled surfaces and for providing a light-medium profile ready for the application of self levelling systems and screeds. Cleans and textures coated surfaces; ideal for preparing bridge decks and roads for surface dressings and waterproof systems.

### 550 Grade 1.4 – 2.0mm

For similar applications to 460 grade, but slightly more aggressive and rougher in profile.

### 660 Grade 1.8 – 2.4mm

For very aggressive applications i.e. to expose aggregate and reveal surface defects and cracks, to remove existing surface treatments and to provide a coarse profile.

**Combinations of abrasives can be selected to provide the desired surface profile on the designated surface.**