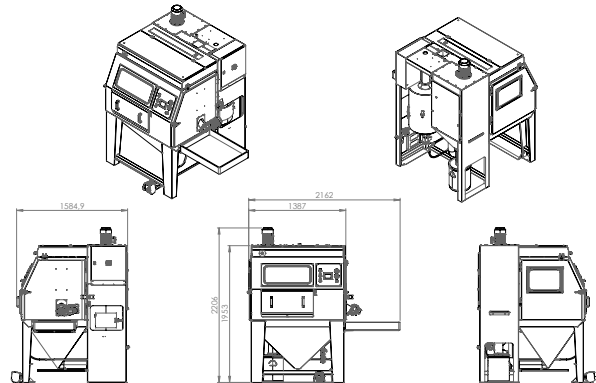


## DEPOWDERING & SHOT BLASTING SYSTEM



### FOOTPRINT



### CERTIFICATIONS

The PostPro DP is CE and ISO9001 2015 certified and is designed to be used in processes where the consumable media and dust generated may be combustible. ATEX certified ATEX certified to Class II 3/-D T125°C.

### TECHNICAL SPECIFICATIONS

Description	EU	US
<b>External Dimensions (w x d x h):</b>	1,626 x 1,600 x 2,206 mm	64 x 63 x 87 in
<b>Effective Blast Room (w x d x h):</b>	1,320 x 940 x 1,060 mm	52 x 37 x 42 in
<b>Working Height:</b>	725 mm	28.5 in
<b>Door Openings (w x h) (2 pieces):</b>	835 x 825 mm	32.5 x 32.5 in
<b>View Window (w x h):</b>	656 x 266 mm	25.5 x 10.5 in
<b>Maximum Load Cabinet:</b>	350 kg	350 lbs
<b>Basket with Lining:</b>		
• Dimensions	Ø 600 x 400 mm	Ø 23.5 x 15.5 in
• Approx. Volume (depends on size and form of products)	30 liter	30 liter
• Maximum Load	15 kg	33 lbs
<b>Blast Guns Basket (2 pieces):</b>	Hardened blast guns with boron carbide nozzles (Ø 8 mm)	Hardened blast guns with boron carbide nozzles (Ø 0.3in)
<b>Filter Cartridges (polyester, M-class):</b>	2 filter cartridges of 4 m <sup>2</sup> each	2 filter cartridges of 4 m <sup>2</sup> each
<b>Capacity Ventilator:</b>	900 m <sup>3</sup> /h (1,1 kW)	52cfm (1.1kW)
<b>Dust Emission:</b>	< 1.8 mg/Nm <sup>3</sup>	< 1.8 mg/Nm <sup>3</sup>
<b>Atex Classification:</b>	Class II 3/-D T125°C	Class II 3/-D T125°C
<b>Lighting:</b>	LED light 50 Watt	LED light 50 Watt
<b>Electrical Connection:</b>	3 x 400V, 50hz, earth and zero, 16A	3 x 480V + Earth, 60Hz, 16A
<b>Total Power Consumption:</b>	1,3 kW	1.3 kW
<b>Pneumatic Connection/Pressure:</b>	G 1/2" air supply hose, 6 bar	1/2 inch air supply hose, 6 bar
<b>Cabin Weight (complete):</b>	570 kg	1,257 lbs
<b>Min. Pneumatic Flow Rate:</b>	2.02m <sup>3</sup> /min	Minimum 71.3 cfm

## SYSTEM DESCRIPTION

The PostPro DP is constructed as one compact unit, incorporating the blasting area and cyclone to minimize the machine footprint.

### MANUAL BLAST PROCESS:

Manual blasting is possible by removing the front mounted gloves cover. To ensure operator safety, it is not possible to start an automatic process with the gloves cover removed.

### VIEW WINDOW:

The large front mounted window consists of a safety glass and a secondary splash glass which can be easily removed and replaced.

### DOORS:

The heavy duty doors are designed with a sandwich construction to ensure a tight seal against the blasting chamber. The doors incorporate an interlock to ensure the machine cannot be operated when a door is open.

### IONIZATION UNIT:

Equipped with an ionization unit and conductive powder coated cabinet to further reduce static build up within the blasting process, thus resulting in 'dust free' products with no need for any additional cleaning steps once the process has finished.

### CYCLONE:

Built in cyclone for efficient blast media cleaning and dust separation, resulting in longer blast media life.

### EXTRACTION:

A ventilator system with a high extraction rate has been installed to prevent dust build up in the blasting chamber and improve visibility. The filters are cleaned automatically with an adjustable cleaning pressure to suit different media and applications.

### DUST BIN:

The dust from the filter unit is collected in a sealed dust bin for quick and clean waste removal.

### MIXING CHAMBER:

The mixing chamber, located underneath the cyclone, is easily adjustable to ensure a perfect air / abrasive mix for all types of blast media.

### NOISE LEVEL:

Low noise level due to the installed silencer (<79dB(A) at 3 bar).

### CONSUMABLES:

Suitable for all common abrasives and surface finishing media such as glass beads, polybeads, corundum, ceramics, nut shells, plastics and fine sizes of stainless steel and steel.

