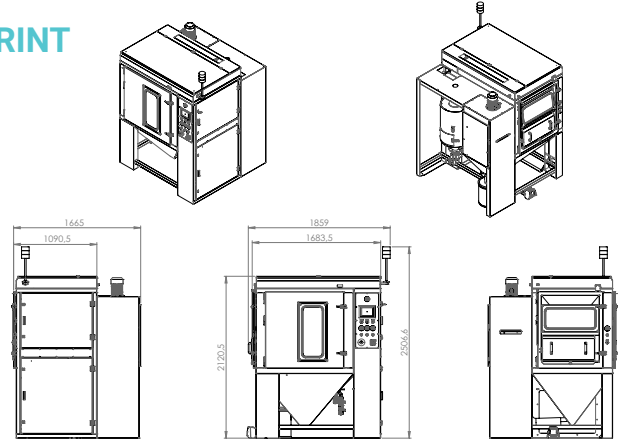


**AUTOMATED INDUSTRIAL  
DEPOWDERING & SHOT BLASTING SYSTEM**



**FOOTPRINT**



**CERTIFICATIONS**

The POSTPRO DP PRO is CE and ATEX certified.



**SYSTEM DESCRIPTION:**

The POSTPRO DP PRO is constructed as one compact unit, incorporating the blasting area and cyclone to minimize the machine footprint. The cabinet is front loading at an ergonomic working height.

**TECHNICAL SPECIFICATIONS:**

| Description  | EU   | US  |
|--|--|---|
| <b>External Dimensions (w x d x h):</b>                | 1,700 x 1,800 x 2,500 mm                               | 67 x 71 x 98 in   |
| <b>Front Door Openings:</b>                            | 1,100 x 970 mm   | 44 x 39 in  |
| <b>Manual Blasting Door Opening:</b>                   | 875 x 970 mm   | 35 x 39 in  |
| <b>Blasting Chamber Dimensions:</b>                    | 1,287 x 1,050 x 1,100 mm                               | 51 x 42 x 44 in   |
| <b>Manual Blasting Area:</b>                           | 420 x 1,000 x 1,100 mm                                 | 17 x 40 x 44 in   |
| <b>Basket with Lining:</b>                             |  |   |
| •Dimensions  | Ø 500 x 320 mm   | Ø 20 x 12.5 in  |
| •Approx. Volume (depends on size and form of products) | 20 liter   | 20 liter  |
| • Maximum load   | 20 kg  | 44 lbs  |
| <b>Blast Guns Basket (2 pieces):</b>                   | Hardened blast guns with boron carbide nozzles (Ø 8mm) | Hardened blast guns with boron carbide nozzles (Ø 0.3 in) |
| <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>Option: HEPA filter with dust emission of:</b>      | < 0.1 mg/Nm <sup>3</sup>                               | < 0.1 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, 25A                    | 3 x 480V + Earth, 60Hz, 25A                               |
| <b>Total Power Consumption:</b>                        | 3.0 kW   | 3.6 kW  |
| <b>Min. Pneumatic Flow Rate:</b>                       | Minimum 2.02m <sup>3</sup> /min                        | Minimum 71.3 cfm  |
| <b>Cabin Weight (complete):</b>                        | ca. 1,000 kg   | Ca. 2,205 lbs   |
| <b>Pneumatic Connection/Pressure:</b>                  | 3/4 inch air supply hose, 6 bar                        | 3/4 inch air supply hose, 6 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.

\*Specifications subject to change

## **BASKET:**

The steel basket has built in dividers to aid the rotation of parts. A soft lining is also supplied for delicate parts.

## **ANGLE ADJUSTMENT & NOZZLE HOLDER:**

The basket tipping angle is electronically actuated and can be adjusted for different geometries and loads. After the cleaning cycle, the nozzle assembly is automatically lifted allowing the operator to easily unload the machine.

## **IONIZATION:**

Equipped with an ionization unit to reduce static electricity within the blasting processes, thus resulting in 'dust free' products with no need for any additional clean steps once the process has finished.



## **HMI / TOUCHSCREEN:**

Programmable recipes and parameters can be created and stored via the touch screen interface. The automatic blasting pressure can also be adjusted via the HMI, as well as via the pressure regulator, so that different presets can be used for each recipe.



## **CYCLONE:**

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



## **MANUAL BLASTING:**

The POSTPRO DP PRO has a dedicated blast gun for manual blasting. The manual blasting gun can be accessed via the side door. The manual blasting area has independent controls for blast pressure and a separate blow off gun to clean parts.

