amt postpro®

postprodp MAX

SPECIFICATION GUIDE

CONTINUOUS INDUSTRIAL 2-IN-1 DEPOWDERING & SHOT BLASTING SYSTEM FOR MAXIMUM THROUGHPUT

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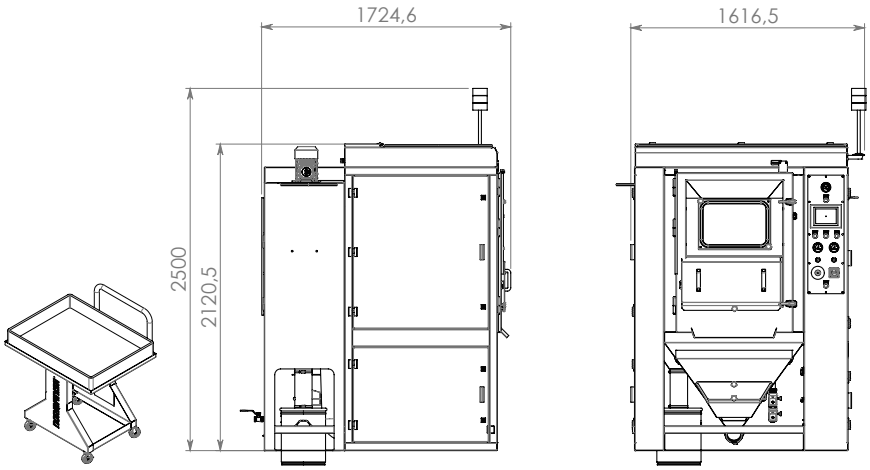
POWERED BY CONTINUOUS TUMBLE BELT TECHNOLOGY, POSTPRO DP MAX IS A FULLY AUTOMATED DEPOWDERING & SHOT BLASTING SYSTEM DESIGNED FOR MAXUMUM THROUGHPUT.

CERTIFICATIONS

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

FOOTPRINT

Safe and robust industrial technology with a compact design to reduce floor space.



TECHNICAL SPECIFICATIONS

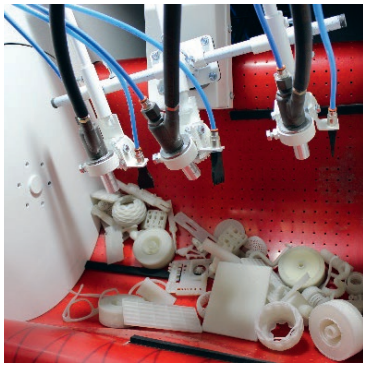
Description	EU	US
External Dimensions (WDH)	1,617 x 1,725 x 2,500 mm	64 x 68 x 99 in
Front Door Opening (WH)	740 x 1,074 mm	29 x 42 in
Processing Belt - Dimensions	Ø590 x 740mm	Ø23 x 29 in
Processing Belt - Volume	50 Litre (Part dependant)	50 Litre (Part dependant)
Processing Belt - Maximum Load	30Kg	66 lbs
Blast Guns	3 x Hardened blast guns with boron carbide nozzles (ø 8 mm)	3 x Hardened blast guns with boron carbide nozzles (ø 8 mm)
Filter Cartridges	2 x Polyester, M-Class, 4m²	2 x Polyester, M-Class, 4m²
Ventilator Capacity	800 m³/h (1,1 kW)	52 cfm (1,1 kW)
Dust Emission with HEPA Filter	< 0,1 mg/ Nm³	< 0,1 mg/ Nm³
Dust Emission without HEPA Filter	< 1,8 mg/Nm³	< 1,8 mg/Nm³
ATEX Classification	class II 3/-D T125°C	class II 3/-D T125°C
Electrical Connection	3 x 400V, 50 Hz, earth and neutral, 25A	3 x 480V, 60 Hz, earth and neutral, 25A
Total Power Consumption	3.0kW	3.0kW
Minimum Pneumatic Flow Rate	3.0m³/min	106 cfm
Cabin Weight	1,250Kg	2,756 lbs

SYSTEM DESCRIPTION
The PostProDP Max is constructed as one compact unit, incorporating the blasting area with tumble belt technology and cyclone to minimize the machine footprint.

The cabinet is front loading at an ergonomic working height with the possibility to allow for automatic loading and unloading.

CONTINUOUS TUMBLE BELT
Powered by continuous tumble belt technology for maximum throughput and process flexibility, the PostProDP Max has a 50 Liter processing volume and has been designed for use in large batch and/or large component production runs.
Reversible belt control enables automatic loading and unloading of parts to and from the transport container.

NOZZLE MOVEMENT
3 blast nozzles are attached to a moving arm for complete blast area coverage and to reduce the process time for maximum throughput.



IONIZATION
Equipped with an ionization unit to reduce static electricity within the blasting process results in 'dust free' products with no need for any additional cleaning steps once the process has finished.

HMI / TOUCHSCREEN
Equipped with a Siemens S7-1200 PLC, the PostProDP Max can be connected with external Manufacturing Execution Systems.
Programmable recipes and parameters can be created, edited and stored via the touch screen interface.

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 improved 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.

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.

CONTACT INFORMATION

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