



DYEMANSION POWERSHOT C

Highly efficient, damage-preventive part cleaning of AM plastics.

Reduce costs and lead-times

A single run takes approximately 10 minutes and replaces up to four manual blasting cabinets. This automated part-cleaning process reduces costs, lead-times and increases your productivity.

Damage prevention

Our proprietary blasting nozzle design and the consistent operation of the rotary basket ensure reproducible results, while eliminating damage risk. This process is providing the foundation for further post-processing steps, such as homogeneous coloring of the parts.

Flexible use

The Powershot C is able to automatically remove excess powder from most parts. The option to manually blast big or complex parts assures flexible usage possibilities.

Powder-free parts

Integrated ionizing nozzles provide powder-free parts. Our customizable cyclone completely separates powder from glass beads and the chamber is cleaned automatically after each run.

TECHNICAL DATA

POWERSHOT C



PERFORMANCE

Cycle time	Variable, typically between 5 to 15 minutes, depending on filling level
Capacity per run	Up to 75% of EOS P396 or HP Jet Fusion 4200 build job
Cyclone performance	510 m ³ /h 300 cfm

DIMENSIONS

Blasting cabinet (W x D x H) Closed doors, w/o box	1300 x 1665 x 2030 mm 51.2 x 65.6 x 79.9 inch
Required space for operations (W x D x H)	2915 x 2465 x 2300 mm 114.8 x 97.0 x 90.6 inch

WEIGHT

Blasting cabinet CE	480kg 1058 lb
Blasting cabinet UL	520kg 1146 lb

POWER

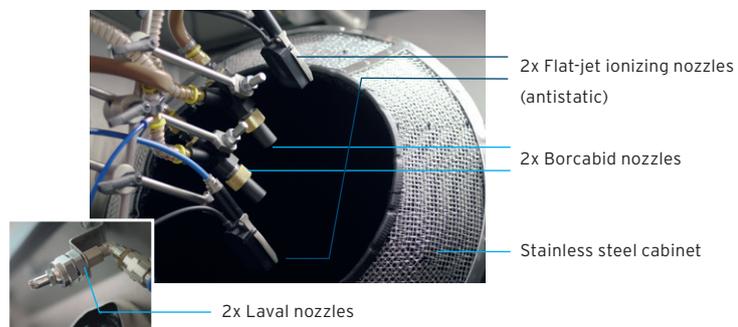
Connection	400V 50Hz CEE 16A or 208V 60Hz, NEMA L21-20A
Consumption	1 kW
Noise Level	> 85dB

COMPRESSED AIR

Connection	Hose nozzle, Air tube inside Ø 19 mm 3/4" or 1/2" IT
Consumption	Recommended: 1.4 m ³ /min at 2.2 bar 50 cfm at 32 psi Maximum: 2.5 m ³ /min at 7 bar 88 cfm at 101 psi

CUSTOMIZED ITEMS

- Removable rotary basket for manual blasting
- Ionizing flat-jet nozzles (2x) | Borcabid nozzles (2x) | Laval nozzles (2x)
- Small load carrier for leftover powder and blasting media
- Stainless steel cabinet



CERTIFICATION

- ✓ CE 2006/42/EG

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