



DYEMANSION POWERSHOT C

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

Reduce cost and lead-time

A single run takes approximately 10 minutes and replaces up to four manual blasting cabinets, reducing manpower, cost, and time.

Damage prevention

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

Flexible use

The Powershot C is able to automatically remove excess powder from most parts. Possibility to manually blast big or complex parts by removing the rotary basket inside the cabinet.

Powder-free parts

Integrated ionizing nozzles provide powder. 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

480 kg | 1058 lb

POWER

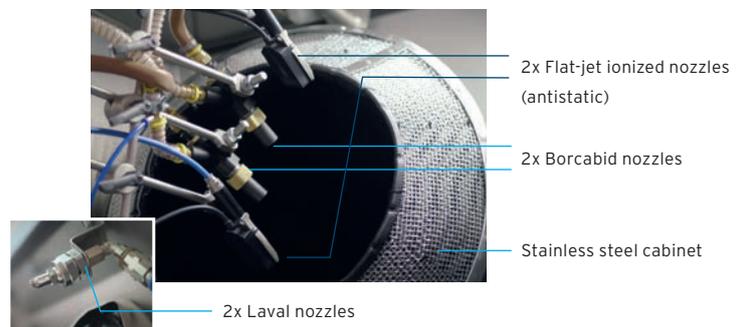
Connection	400V 50Hz CEE 16A
Consumption	1 kW (typical)
Noise Level	> 85dB

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 2.5 bar 50 cfm at 36 psi Maximum: 2.5 m ³ /min at 7 bar 88 cfm at 101 psi

CUSTOMIZED ITEMS

- Removable rotary basket for manual blasting
- Ionized 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

DyeMansion GmbH
Robert-Koch-Straße 1
82152 Planegg-Munich
+49 89 414 170 500
hallo@dyemansion.com

DyeMansion North America
3813 Helios Way, #B298
Pflugerville, TX 78660
+1 (415) 996 811 5
hello@dyemansion.com

For more information, visit:
www.dyemansion.com