

POLYSHOT CLEANING

**DYE
MANSION**



DYEMANSION POWERSHOT C

The industry standard for easy and efficient part cleaning

Automated depowdering boosts your production capacity

Using the Powershot C, a mid sized build job can be cleaned in only ten minutes or less. The time you need for part cleaning and the personnel in your production can be reduced in a significant way. This boosts your effectiveness and efficiency. By investing in automated part cleaning with the Powershot C, up to four manual blasting systems can be replaced easily.

Gentle surface treatment thanks to smart hardware features

The blasting cabinet of our Powershot C is equipped with a rotary basket and is manufactured from stainless steel. Different blasting nozzles and an ionization unit ensure reproducible results. Couple this with a basket with a soft and replaceable lining protecting the parts from damage during the process. Two simultaneously working blasting nozzles are positioned perpendicular to the rotating basket and the contained parts. The cyclone cleans the blasting media constantly. This configuration guarantees an efficient powder removal.

Advanced operator convenience with enhanced ergonomics and process control

Experience a new level of process control with a touchscreen and integrated control-panel. The Powershot C is being operated through a userfriendly interface and pre-installed programs can be started. Individual programs can be configured and saved easily, enabling a fast adaption to your application. With a user-centric design everything can be easily accessed and operated safely. Continuous monitoring allows an efficient and reproducible process.

TECHNICAL DATA

POWERSHOT C



AUTOMATION

Individual programming, control and monitoring of process parameters via control panel and touch screen

PERFORMANCE

| | |
|----------------------------|--|
| Cycle time | Variable from 1 to 40 minutes, typically 3 to 10 minutes |
| Capacity per run | Up to 3/4 EOS P396, 1x HP Jet Fusion 4200/5200 or close to 1.5x full-sized Stratasys H350 build jobs |
| Effective volume of basket | 26l 6.8gal |

DIMENSIONS

| | |
|--|--|
| System (L x W x H) | 1700mm x 1310mm x 2030mm 66.9inch x 51.6inch x 79.9inch |
| Recommended space requirement in operation (L x W x H) | 2500mm x 2915mm x 2300mm 98.4inch x 114.8inch x 90.6inch |

WEIGHT

| | |
|--------|----------------|
| System | 480kg 1058lb |
|--------|----------------|

POWER

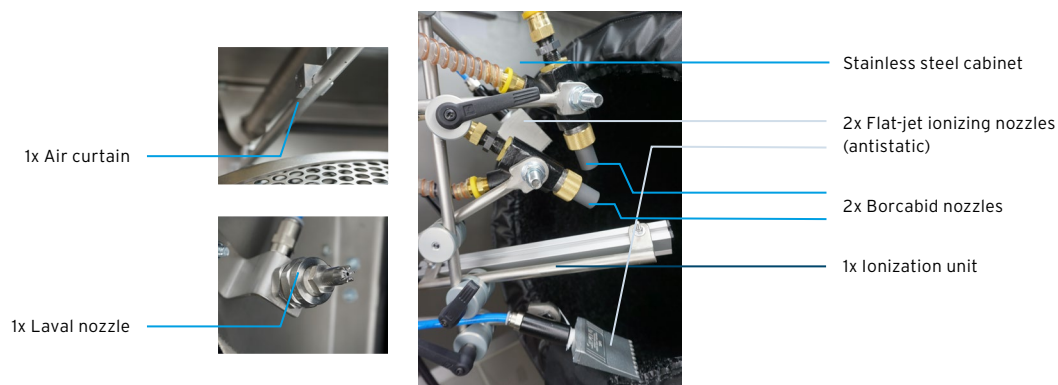
| | |
|--------------|------------------------------------|
| Supply | 1kW |
| Requirements | 400V, 50Hz, 16A or 208V, 60Hz, 20A |

COMPRESSED AIR

| | |
|--------------------------|--|
| Consumption ¹ | Minimum: 1.4m ³ /min at 2.2bar 50cfm at 32psi Maximum: 1.8m ³ /min at 5bar 64cfm at 73psi |
|--------------------------|--|

NOISE EMISSION

| | |
|-------------|-----------|
| Sound level | < 80dB(A) |
|-------------|-----------|



¹To ensure that the machines are fully functional, DyeMansion recommends to configure the compressed air system for maximum consumption.

²Deviations possible depending on system variant.

CERTIFICATION²

✓ CE | 2006/42/EG

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