



POWERSHOT X

The new generation of the leading blasting system in post-processing: optimal results for every requirement

One system, three technologies: PolyShot C, S or C&S

One system, two applications, three modes. With our efficient PolyShot technology, you can rely on non-abrasive post-processing for the highest quality results. PolyShot Cleaning is necessary for any powder bed-based 3D printing and sets the course for achieving reproducible results with your Print-to-Product workflow. PolyShot Surfacing delivers a matt-glossy surface with improved scratch resistance and a pleasant feel for your end-use application. In addition, the combined PolyShot Cleaning & Surfacing process offers the option of applying a quality-enhancing finish to your parts during the obligatory de-powdering process.

Maximum flexibility for your workflow

Three different modes make the Powershot X the flexible solution for automated post-processing. This allows you to adapt the system to changing production requirements on short notice - in terms of quantity and quality. You can convert the machine yourself using optimized setting parameters. If production volumes increase in the long term, you can flexibly expand your workflow with the system. This flexibility allows you to use the Powershot X as needed - for your individual Print-to-Product workflow.

Low investment with ensured ROI

Low initial investment, reduced personnel costs, little space requirement and variable application options. With the Powershot X, your return on investment is ensured, regardless of what your budget is allocated for: automated part cleaning, sophisticated end-use product quality or as a flexible back-up option for your Print-to-Product workflow. Whatever the application, the market-leading Powershot X blast cleaning system is a future-proof investment.

TECHNICAL DATA

POWERSHOT X



AUTOMATION

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

PERFORMANCE

Cycle time

Variable cycle times: PSC: 5 - 15 min / PSS: 10 - 20 min / PS C&S: 20 - 40 min

Capacity per run

Up to 3/4 EOS P396, 1x HP Jet Fusion 4200/5200 or close to 1.5x 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 3050mm x 2300mm | 98.4inch x 120.1inch x 90.6inch

WEIGHT

System

480kg | 1058lb

POWER SUPPLY

Supply

1.5kW

Requirements

400V, 50Hz, 16A oder 208V, 60Hz, 20A

COMPRESSED AIR

Consumption¹

2.0m³/min at 6bar | 70.3cfm at 87psi

Input pressure

Minimum: 6bar | 87psi
Maximum: 8bar | 116psi

NOISE EMISSION

Sound level

< 80dB(A)



CERTIFICATION²
CE | 2006/42/EG

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

② Deviations possible depending on system variant.

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