



## POWERSHOT C

### The industry standard for easy and efficient part cleaning with glass blasting media

#### Automated depowdering boosts your production capacity

With our proprietary PolyShot Cleaning (PSC) 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 significantly reduced. This boosts your effectiveness and efficiency. By investing in automated part cleaning with the Powershot C, up to four manual blasting systems can be easily replaced.

#### Gentle part 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 controlpanel. The Powershot C is being operated through a userfriendly interface and preinstalled 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 <sup>1</sup>

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 Stratasys H350 build jobs

Effective volume of basket

26l | 6.8gal

## DIMENSIONS

System (L x W x H)

1700mm x 1310mm x 2030mm | 66.9in x 51.6in x 79.9in

Recommended space requirement in operation (L x W x H)

2500mm x 2915mm x 2300mm | 98.4in x 114.8in x 90.6in

## WEIGHT

System

480kg | 1058lb

## POWER SUPPLY

Supply

1W

Requirements

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

## COMPRESSED AIR <sup>2</sup>

Consumption

2.0m<sup>3</sup>/min at 6bar | 70.3cfm at 87psi

Input pressure

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

## NOISE EMISSION

Sound level

< 80dB(A)

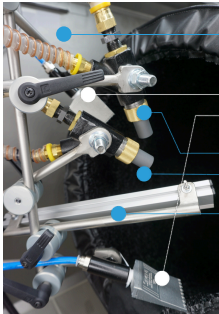


CERTIFICATION  
CE | 2006/42/EG

1x Air curtain



1x Laval nozzle



Stainless steel cabinet

2x Flat-jet ionizing nozzles (antistatic)

2x Borcabid nozzles

1x Ionization unit

① Can vary according to material, printing process, part volume or complexity of the parts.

② To ensure that the machines are fully functional, DyeMansion recommends to configure the compressed air system for maximum consumption.



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