

SURFACING

**DYE
MANSION**



DYEMANSION POWERSHOT S

The new surface quality standard for AM plastics.

The key to consumer products

DyeMansion's sophisticated surfacing technology delivers closed pores and an improved surface quality, transforming porous, vulnerable powder-based plastics into long lasting, finished products, which is key for high value 3D-printed consumer products, such as eyewear.

Compatible with every geometry

Fast, cost-effective and compatible with every geometry. Our special blasting process reaches almost all areas of the parts and only lasts a few minutes.

Improved part properties

Our proprietary finishing process blasting process compacts the surface and achieves unsurpassed results. Functionally and visually. The parts have more scratch-resistance, gloss and homogeneous color distribution.

TECHNICAL DATA

POWERSHOT S



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)	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

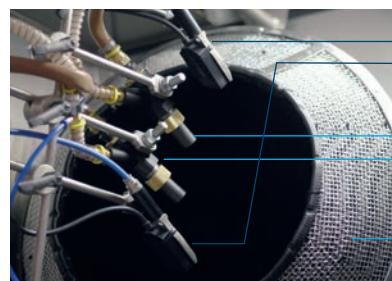
Connection	400V 50Hz CEE 16A
Consumption	1 kW (typical)
Noise Level	> 85dB

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 4 bar 50 cfm at 58 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)
- Small load carrier for leftover powder and blasting media
- Stainless steel cabinet



- 2x Flat-jet ionized nozzles (antistatic)
- 2x Borcabid nozzles
- Stainless steel cabinet

CERTIFICATION

- ✓ CE 2006/42/EG

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