



# Multi PHS

Product specification

## The highest performance Powder Handling Station on the market

- Dust free workspace - the Performance Set as a whole is ATEX certified
- Easy material change
- Efficient powder collecting
- 4 sieving programs for morphologically different materials
- Solo sifting
- Built-in mixing function, possibility of external sifting
- Compatible with both the Compact and the Industrial line



## GENERAL

Category	SLS 3D Prints Post-processing Station
Type	Compact / Industrial
Dimensions	1000 x 700 x 1700 [mm] / 39.4 x 27.6 x 66.9 [in]
Unit height (without hose)	1426 [mm] / 56.1 [in]
Unit height (with open cover)	1800 [mm] / 78.9 [in]
Weight solo	157 [kg] / 346.2 [lbs]
Weight with Sandblaster shelf	166 [kg] / 366.0 [lbs]

## TECHNICAL DATA

Workspace dimensions	1000 x 600 [mm] / 39.4 x 23.6 [in]
Powder capacity	20 [L] / 5.3 [gal]
Storage space	70 [L] / 18.5 [gal]
Suction inlet	40 [mm]
Integrated power sockets	2 x (110 or 230 [V])
Operating Voltage	230 [V] AC, 47-63 [Hz], 4.83 [A] or 110 [V] AC, 47-63 [Hz], 10.9 [A]
Power consumption (solo)	80 [W]



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## NOISE LEVEL

Noise level without vacuum cleaner	< 60 [dB]
Equivalent continuous sound pressure level (8 hours)	73.9 [dB]
Sound pressure level	(A) 63.7 [dB]
Peak sound pressure level	(C) 81.4 [dB]
Sound power level	(A) 79.6 [dB]

## ACCESSORIES

- Includes magnetic tool holder with accessories:
- 3 x 3D printed nozzles
  - Anti-noise headphones
  - Powder squeegee
  - PVC brush
  - Special brush for deep material change cleaning
  - Dry dust-free cloths

## PACKAGING

Shipping size	1200 x 800 x 1580 [mm] / 47.2 x 31.5 x 62.2 [in]
Package weight	205 [kg] / 452 [lbs]
Space needed for unpacking	1700 x 4200 x 2000 [mm] / 66.9 x 165.4 x 78.7 [in]
Space for installation	1700 x 2200 x 1800 [mm] / 66.9 x 86.6 x 70.9 [in]

## SAFETY

- Certificates
- CE
  - IEC Protection Class Class 1
  - IP Code IP 30
  - ATEX certification as Performance Set
  - Ex II 2/3D II 2/3D Ex h IIIB T135°C Db/Dc