

## DP 500

DustPRO

The DustPRO 500 dust extraction systems combine extremely large filter capacity with high airflows and pressure. This combination makes them ideal for heavy duty applications that generate large amounts of particulate. Each system benefits from Automatic Flow Control. This feature enables the end user to set the required airflow for the application. The unit will then maintain this airflow throughout the life cycle of the filter.

Developed for the safe and effective removal of swarf and particulates generated during processes such as drilling, routing, mechanical engraving, grinding and turning.

One of the main problems with other dust extractors relates to the type of pump used. Most have brushed motors which are noisy in operation and frequently burn out, with the average life of brushes being around 800 hours. The pump used in the DustPRO 500 is brushless and designed for continuous running which can exceed 30,000 hours use before servicing.

### STANDARD FEATURES:

- Turbine with high airflow and pressure
- Large capacity bag filter
- Automatic flow control system
- HEPA filtration
- 'Easi-Glide' filter location mechanism
- Built in silencing

High end industrial particle and dust extractor.

### TYPICAL APPLICATIONS:

- PCB Cutting
- Cutting
- Drilling
- Lining
- Marking
- CNC Engraving
- Routing
- Paper Cleaning
- Paper Processing
- Dental Labs
- Mail Sorting Machines

### OPTIONAL FEATURES:

- Remote stop / start interface
- Filter change / System fail signal



PART NUMBERS					
Model	Voltage	Part No.	24V Stop / Start	Filter change / System failure signal	Hose Kit*
DustPRO 500 Powder Coated	230V	D1042A	A2001	A2002	A1020069 125-125mm
	115V	D1041A			

REPLACEMENT FILTERS		
Model	Bag Filter	HEPA Filter
DustPRO 500	A1030262	A1030059

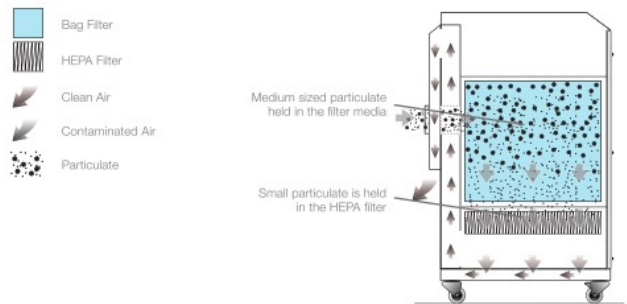
TECHNICAL DATA		
	230V	115V
Dimensions (HxWxD)	1220 x 600 x 770mm	48 x 23.6 x 30.3"
Cabinet Construction	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel
Airflow / Pressure	500m <sup>3</sup> /hr / 100mbar	294cfm / 100mbar
Electrical Data	230v 1ph 50/60Hz Full load current: 9.1 amps / 1.1kw	115v 1ph 50/60Hz Full load current: 14.3 amps / 1.1kw
Noise Level	< 62dBA*	< 62dBA*
Weight	125kgs	276lbs

\* At typical operating speed.

BAG FILTER SPECIFICATIONS	
Volume Area	100ltrs approx
Filter Media	Polyester
Filter Media Construction	8 Pocket Bag Filter
Surface Media Area	2.5m <sup>2</sup> approx
Filter Efficiency	F8 (95% @ 0.9 microns)

HEPA FILTER SPECIFICATIONS	
HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers
Surface Media Area	7.5m <sup>2</sup> approx
Filter Efficiency	99.997% @ 0.3 microns

### AIRFLOW THROUGH FILTERS



### TECHNICAL SPECIFICATION

- 1 Unit / Filter Condition Display - Automatic Flow Control
- 2 On / Off Switch
- 3 Signal / Interface Cable
- 4 Power Cable
- 5 Castors
- 6 Door Hinge
- 7 Hose Inlet Connection - 125mm
- 8 Exhaust Outlet
- 9 Motor Cooling Inlet / Outlet
- 10 Door Latch

