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BAPILON ENTERPRISE Co., Ltd.

P.O.Box 504, Fengyuan Dist., Taichung City 420, Taiwan.
TEL +886-4-2527 7125 / FAX +886-4-2527 8916
E-MAIL kufo@ms9.hinet.net

886-4-252785 2015.01



THE EXCELLENT FILTER UNIT FOR
DUST and **SHAVINGS**

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LS dust collector is designed for use in industrial environments for extracting different kinds of dust and dry shavings from single or multiple dust sources. It can be installed directly at the workplace without any additional fire or explosion protection measures.



LS-500E

SPECIFICATIONS

MODEL	LS-500E		
Inlet size	250mm	Filter material (optional)	catridge filter
Motor	5HP	Number of catridge filters	6
Air volume	75 M3/min.	Residual dust content	0.2 mg< M3
Static pressure	2667 Pa	Dust tank inner dimension	75 x 54 x 57 cm
Filter cleaning	by air pressure	Dust tank volume	0.23 cbm
Filter material	5 micron, L-PET, electric conductive	Air pressure required	6-8 kgs/cm2
Filter material (optional)	0.5 micron, L-PET, electric conductive	Sound rate	92 dB
Number of bag filters	20	Sound rate with noise reducing cover, optional	85 dB
Bag size each	12cm Dia x 100 cmL	Auto fire control system	optional
		Packing dimensions	170 x 77 x 213 cm

The blower, comprising a high efficiency centrifugal fan with backwardly curving blades, is situated on the pure-air side. The fan is positioned inside the unit and therefore soundproofed to obtain a low noise level.

Its fine filter material ensures residual dust content in the air of less than 0.2 mg/m³.



LS-750E

SPECIFICATIONS

MODEL	LS-750E		
Inlet size	300mm	Filter material (optional)	catridge filter
Motor	7.5HP	Number of catridge filters	9
Air volume	120 M3/min.	Residual dust content	0.2 mg< M3
Static pressure	3363 Pa	Dust tank inner dimension	145 x 54 x 61 cm
Filter cleaning	by air pressure	Dust tank volume	0.47 cbm
Filter material	5 micron, L-PET, electric conductive	Air pressure required	6-8 kgs/cm2
Filter material (optional)	0.5 micron, L-PET, electric conductive	Sound rate	88 dB
Number of bag filters	36	Sound rate with noise reducing cover, optional	82 dB
Bag size each	12cm Dia x 100 cmL	Auto fire control system	optional
		Packing dimensions	230 x 116 x 210 cm



LS-500A SHOWN IN OPTIONAL

Touch Screen Control Panel (left) for easy operation or Explosion proof Electrical Box (right) for added safety.



LS-1000E

SPECIFICATIONS

MODEL		LS-1000E	
Inlet size	300mm	Filter material (optional)	catridge filter
Motor	10HP	Number of catridge filters	15
Air volume	148 M3/min.	Residual dust content	0.2 mg< M3
Static pressure	4060 Pa	Dust tank inner dimension	87 x 65 x 56 cm X 2
Filter cleaning	by air pressure	Dust tank volume	0.32 cbm
Filter material	5 micron,L-PET, electric conductive	Air pressure required	6-8 kgs/cm2
Filter material (optional)	0.5 micron, L-PET, electric conductive	Sound rate	83 dB
Number of bag filters	48	Sound rate with noise reducing cover, optional	78 dB
Bag size each	12cm Dia x 100 cmL	Auto fire control system	optional
		Packing dimensions	261 x 125 x 226 cm



LS-500A

SPECIFICATIONS

MODEL		LS-500A	
Inlet size	250mm	Filter material (optional)	catridge filter
Motor	5HP	Number of catridge filters	6
Air volume	75 M3/min.	Residual dust content	0.2 mg< M3
Static pressure	2667 Pa	Dust tank inner dimension	75 x 54 x 57 cm
Filter cleaning	by air pressure	Dust tank volume	0.23 cbm
Filter material	5 micron, L-PET, electric conductive	Air pressure required	6-8 kgs/cm2
Filter material (optional)	0.5 micron, L-PET, electric conductive	Sound rate	92 dB
Number of bag filters	20	Sound rate with noise reducing cover, optional	85 dB
Bag size each	12cm Dia x 100 cmL	Auto fire control system	optional
		Packing dimensions	170 x 77 x 213 cm



ULTIMATE DRY DUST CONTROL SOLUTION FOR WIDE RANGE OF APPLICATIONS

Featuring in built-in Fire Control system to minimize the damage caused by the dust explosion hazard.



Semi-Automatic Filter Cleaning for Easy Maintenance

Simply by pressing a button to activate the built-in compressed air jet to clean the filter inside out.



Antistatic Treated Filters to minimize the chance of Fire & Explosion



Mobile base Collection Tank with Quick-Release hooks and see-through window for Simple Dust Disposal.



Low Maintenance Cost

The blower is located at pure-air side of the collector unit. All dust are filtered first before entering through the motor and fan blower section. It helps prolong the motor usage life but not losing suction power.



Clean Workplace

Totally enclosed design featuring fine micron filter bags to minimize fine dust sending back to the airborne.



Built-in Alarm to signal the-Fire occurred inside of the machine



Fire Control by built-in Fire Sprinkler or optional Fire Extinguisher

The fire control system helps minimize the damage caused by possible fire hazard occurred inside of the machine.



Energy Saving

The CFM performance of this 5HP LS-500E is comparable to 7.5HP on the traditional dust collector. Its high-performance blower and sophisticated aerodynamic casing design featuring backward cured impeller to make this collector consuming less energy even when the dust filter unit is operating at full power.



Low Sound Rating. Ideal for Indoor operation

The impeller fan is located inside of the collector and away from the open dust inlet to reduce the sound rating. It features backward curving blades for smooth and quiet operation.



UL Model Is Optional Upon Request



Optional : Fire Extinguisher



IDEAL FOR

Woodworking · Pharmaceutical · Fiber glass · Ceramic/Stone · Food Processing · CNC Machining · Fabrication · Laser Cutting · Paper Trimming / Packaging and more.



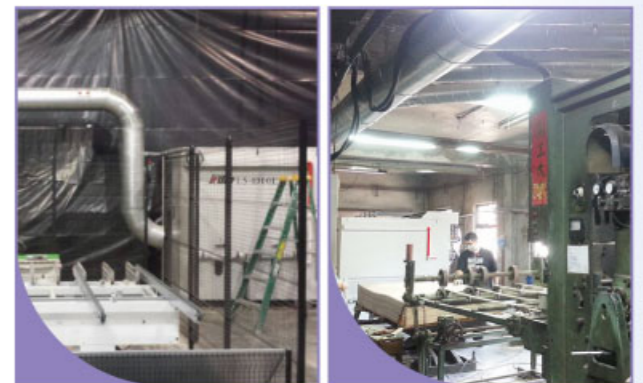
LS-500E Is Used In Metal Sheet Processing Factory



LS-1000E In A Plastic Powder Factory



LS-500E Is Used With The Metal Cutting Machine



LS-1000E Is Used With Column Machining Center

LS-1000E Is Used With Woodworking Wide Belt Sander



LS-500E Is Used With A Machining Center



LS-500A In The Metal Sheet Processing Factory



LS-500E Is Used In The Car Recoating



Me1050 Controller To LS-750E Remote Start-Stop Requirement