

# Product Catalog



# ***Ermator***

Hepa Extractor Systems  
for Surface Preparation  
Concrete Grinding  
and Polishing



# Construction Site Safety. Your Priority!

Crystalline silica exposure during a working life in construction can lead to serious health hazards including silicosis and lung cancer. This is especially true in jobs that involve working with equipment that generates respirable particles, such as grinders, electric saws, jackhammers and drills. In the concrete floor grinding and polishing market, the risk of overexposure to silica dust is dangerously high. As a business owner, it is important to implement proactive strategies to protect your workers and to lay defensive legal groundwork that will protect your business in the event of future litigation. The best ways to reduce silica dust exposure in concrete floor grinding are the use of HEPA extractors, HEPA air scrubbers, personal protection equipment, worker training and education.

**Ermator** is the leading manufacturer of HEPA Extractor Systems and Air Scrubbers for the construction, abatement and restoration industries. Our Products are recognized for their contribution to occupational health and safety, as well as for fast, efficient recovery and containment of concrete dust and other hazardous materials.



# Ermator

A HEPA Extractor System to fit any grinder, electric saw, jackhammer or drill



## Improves Surface Preparation, Concrete Floor Grinding and Polishing:

- ✓ Maximizes grinder performance
- ✓ Increased surface visibility during grinding or polishing
- ✓ Increased life of diamonds and other abrasives
- ✓ Less dust contamination between cuts

## Saves Time and Money:

- ✓ Fast, high volume recovery of dust without clogging and interruption
- ✓ Less handling and hauling of concrete dust
- ✓ Easy and efficient filter cleaning

## Compatibility:

- ✓ Works with all diamond surface grinders
- ✓ Works with other floor machine sanders and scarifiers
- ✓ Works with hand power saws and drills



# Dust is not just dust!



## Construction Dust Is A Unique Mix Of...

- Cement
- Concrete
- Plaster
- Wood
- Quartz
- And More

## It May Include...

- Asbestos
- Mineral Fibers
- Soot
- Crystal Fibers
- Granite
- Mold

## The Smallest Particles Are The Biggest Threat!

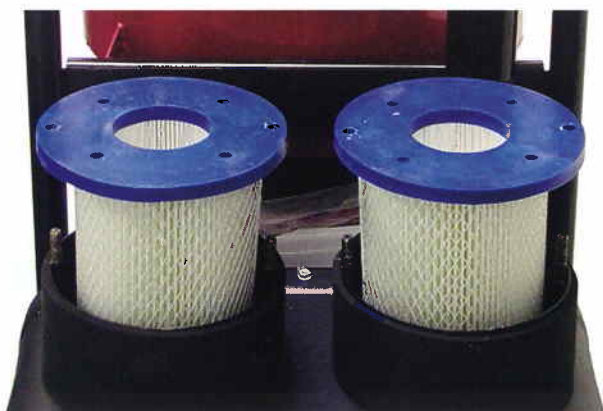
The smallest particles you never see are the most dangerous

They penetrate into your lungs and stay there!

## They Cause...

- Cancer
- Reduced Lung Capacity
- Heart Disease
- Allergies
- Silicosis

Dust Should be trapped in our HEPA filters not your lungs.



# What Makes our HEPA Extractors Safe and Efficient:

All Ermator HEPA extractors include three design features that promote safety while increasing productivity:



## Tested and Certified HEPA Filters

Each HEPA filter is individually tested and certified to have a minimum efficiency of 99.99% at .3 microns based on the application airflow rate of the extractor.



## Jet Pulse

Unique filter cleaning system efficiently purges the pre-filter to maintain airflow, without opening the vacuum and creating a dust hazard.

## Drop-Down Dustless Disposal into Poly Bags

Direct disposal into a single 11 gallon plastic recovery/disposal bag, or 70-foot Longopac. Our unique Longopac allows disposal into approximately 25 individually sealed bags, depending on a comfortable weight for transfer and handling (see specific models for bag type).



Continuous plastic tube is pulled downward and divided into single bags of any size.



Tie the plastic tube twice.



Cut between the ties and dispose of the filled bag.

**a**LINE



**S**LINE



**t**LINE





For more than forty years, Ermator has been the world's leading innovator in the design and manufacture of HEPA vacuums and air scrubbers that dramatically improve worker health and safety.

Ermator's staff of engineers and designers are dedicated to producing HEPA dust extractor systems and air scrubbers that meet or exceed environmental and safety standards and pass on the benefits of cutting edge technology to its customer's in the construction, abatement and restoration industries.

Recent Ermator innovations include the Longopac system for dust-free bag changes, Jet Pulse filter cleaning, a unique power tool power outlet with an automatic on/off trigger, a specially designed drop-down disposal, a sound alarm for clogged/broken HEPA filters, and proactive maintenance features like manometers and hour meters which warn you when filter is clogged or broken.

Ermator's approach to quality control is unmatched in the air cleaning and dust extraction industries. Every single HEPA filters is individually tested and certified at filtration rate 99.99% at 0.3 microns.

After more than forty years of leadership in the dust extraction and air cleaning industries, Ermator is a company you can trust.

Give us a call or email us so we can give you more information about our products and where you can find our closest distributor.

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