



Portable Industrial HEPA Vacuum Cleaner

TOP HAT SEPARATOR

OVERVIEW: Top Hat Separator for Vacuum Systems

Air Dynamics Industrial Systems Corporation offers high-performance pre-separators designed to enhance the efficiency and longevity of your industrial vacuum systems. Pre-separators are essential components in managing large volumes of dust, debris, and materials before they reach the vacuum, optimizing the vacuum's performance and reducing wear and tear. Our engineered pre-separators are built to handle a wide range of industrial applications, improving overall system effectiveness and reducing maintenance costs.

KEY BENEFITS

- Safely vacuum asbestos, lead, and other hazardous material with the PLECO™ Vacuum System
- Suitable for production environment
- Includes a steel drum
- Optimized designs for specific media - customizable to suite your facility and material
- Single or multi-user Inlets
- Drum dolly
- Easy maintenance quick disconnect cam lock fittings

APPLICATIONS

- **Asbestos & Lead Removal:** Safe capture of toxic materials in compliance with safety standards.
- **Combustible Dust:** Ideal for managing explosive dust in industries like woodworking or chemical processing.
- **Industrial Cleaning:** Effective for sticky, heavy debris in sectors like metalworking, food production, and aerospace.



Contact Us Today!
717-854-4050

PRODUCT FEATURES

- **Boosted Vacuum Efficiency:** Pre-separators capture large debris before it reaches the main system, preventing clogs and maintaining strong, consistent suction.
- **Longer Vacuum Lifespan:** By protecting filters and motors from wear, pre-separators reduce filter replacements and extend equipment life.
- **Better Filtration:** Removing large particles upfront allows HEPA filters to focus on fine dust, improving air safety and containment of harmful materials.
- **Lower Maintenance Costs:** Less strain on the vacuum means fewer breakdowns and filter changes, saving on maintenance over time.
- **Cleaner Air, Safer Workspaces:** Consistent airflow and reduced dust buildup improve air quality and reduce risks from hazardous materials.
- **Highly Versatile:** Effective with powders, wet debris, and bulk waste across industries like automotive, food, chemical, and construction.
- **Resource Recovery:** Captures reusable materials before they reach the vacuum, aiding in recycling and reducing waste.
- **Energy Efficient:** Reduced system load leads to better airflow and lower energy consumption without compromising performance.



Top Hat used in conjunction with the PLECO Portable HEPA Vacuum.