

DustMaster Electric & Pneumatic HEPA / ULPA Vacs

Available in both **electric** and **pneumatic**, the DustMaster Series ULPA vacs are our most powerful solution for portable dustless sanding, dust extraction, and general cleanup. They are designed for the removal of Hexavalent Chromium (Cr VI), paints containing lead or chromates, aluminum dust, carbon fiber, ceramic dust, fiberglass and mold. These units are portable, and include features for the most demanding applications. All components are extra heavy duty to ensure long life and extreme durability for industrial and military environments.

Three Stage Filtration

Stage 1: Filter Bag. Change as needed.

Stage 2: Pre-filter is 95% efficient @ 0.3 μm . Change once a year or when Magnehelic reads above 5.

Stage 3: ULPA Filter is 99.999% efficient @ 0.12 μm (exceeds HEPA standards). Change once every 5 years or when Magnehelic reads above 5 with a new Pre-filter.



Magnehelic

Stage 3: ULPA Filter

Stage 2: PreFilter

Stage 1: Filter Bag



Patented Safe-Filter-Change

This unique Clayton design, allows workers to change disposable filters in complete safety.

- Leave vacuum running while changing filter bag; downdraft into pre-filter contains any dust trying to escape, preventing worker exposure.
- Leave vacuum running while changing pre-filter, downdraft into ULPA filter contains any dust trying to escape, preventing worker exposure.



Filter Bag change



Pre-filter change

Twin Vacuum Motors

Our Electric and Pneumatic DustMaster Vacuum systems both employ dual vacuum motors for unmatched performance and support for up to 3 simultaneous users.



Auto On / Off

Compressed air is an expensive part of running any operation. Facility managers and engineers know the real cost of compressed air is significant. The electricity required to operate large screw compressors is a huge part of the daily operating expense for a shop or hangar.

We've observed in many facilities air powered vacuums left running continuously, reducing available pressure to the facility, and putting a heavy and continuous strain on the compressor. Our engineers have put years of research and development into the design of the industry's first automatic tool sensing all pneumatic vacuum - available only from Clayton.

All pneumatic DustMaster vacuums and systems have an Auto On/Off feature which allows the vacuum to start when any connected sander, grinder, etc. is started, and an adjustable shut off delay keeps the vacuum running for up to 60 seconds after the tool is stopped.

- Vacuum can be set to ON for continuous run
- AUTO for tool actuated mode
- Shut off delay adjustable from 5 to 60 seconds



Gauge Panel



Our gauge panel helps you monitor the health and performance of your DustMaster system.

For pneumatic systems with Auto On/Off, the auto system pressure should maintain 80psi for proper operation.

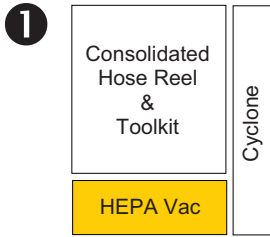
To help monitor the ULPA filter, our Minihelic compares the pressure on either side of the filter. As particles build up in the ULPA filter, the pressure difference increases. When the gauge is in the red, it's time to change the ULPA filter. With proper maintenance of the pre-filter and bag filters, the ULPA filter should last about 5 years.

Since the DustMaster has a built in manifold for providing compressed air to your tools, it's helpful to see the Air Supply Line Pressure. This lets you know if your compressor is keeping up with demand. In a properly operating system with an adequate air supply, this gauge should remain between 80 and 110 psi.

Configurations

The DustMaster System is available in 4 configurations.

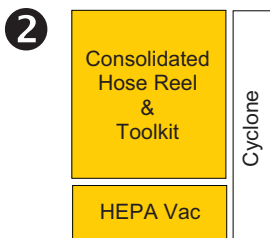
These configurations build on one another by adding components of the DustMaster system. These components interlock to form a single standalone unit.



The DustMaster ULPA Vacuum is available as a standalone unit. This is the Heart of the DustMaster System.

DustMaster Vacuums

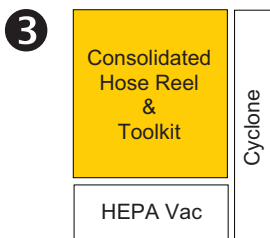
Model	NSN	GSA	Power	Weight lbs (kg)	Price
DM-100	▲	★	Electric	83 (37)	
DM-104	▲	★	Pneumatic	112 (51)	



The Consolidated Hose Reel & Toolkit (CTK) provides storage for vacuum hoses, compressed air lines, sanders, tools, and abrasives. It's available with or without casters, and can ride atop the vacuum.

CTK Only

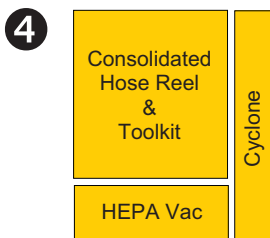
Model	NSN	GSA	Description	Weight lbs (kg)	Price
650-201	▲	★	CTK without casters	125 (57)	
650-301		★	CTK with casters	134 (61)	



In this configuration the Consolidated Hose Reel & Toolkit (CTK) rides atop the vacuum creating a single unit for easy deployment and storage.

DustMaster Systems (CTK)

Model	NSN	GSA	Power	Weight lbs (kg)	Price
DM-100CTK			Electric	208 (94)	
DM-104CTK			Pneumatic	237 (107)	



Our Cyclonic pre-separator is an add-on unit that captures 99% of debris before it gets to the primary filter bag. This means fewer filter changes and less loss of suction. The cyclone is only available with the CTK.

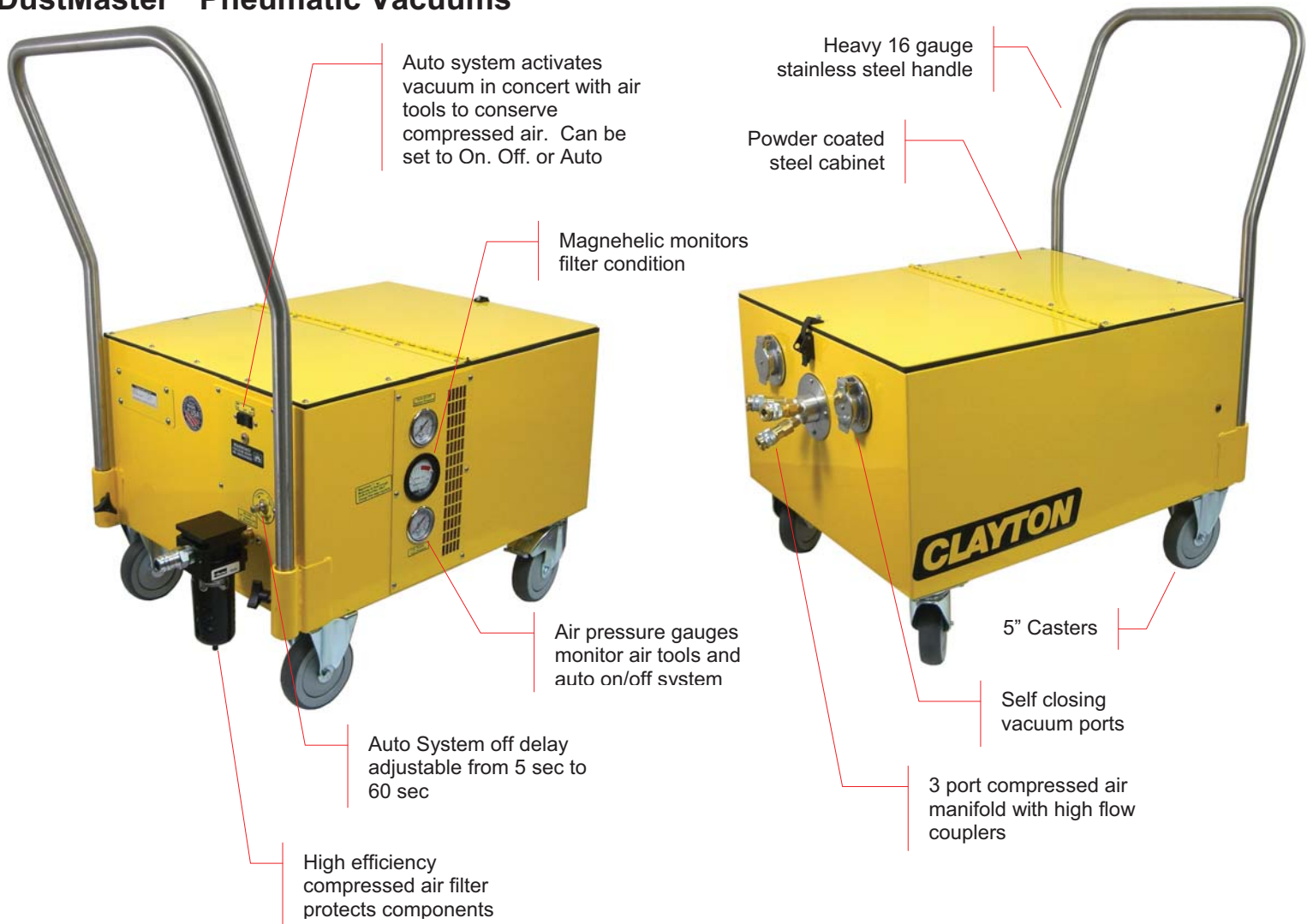
DustMaster Systems (CTK & Cyclone)

Model	NSN	GSA	Power	Weight lbs (kg)	Price
DM-300		★	Electric	249 (113)	
DM-304		★	Pneumatic	278 (126)	



① ULPA filters exceed HEPA standards

DustMaster™ Pneumatic Vacuums



Features

- Supports up to 3 users
- Auto On/Off System turns vacuum on when pneumatic tool is actuated (user adjustable)
- Uses a single compressed air line and an internal manifold to supply 3 users with compressed air
- Safe-Filter-Change protects users from exposure to hazardous dust when changing filters
- Self closing vacuum port prevents hazardous dust from escaping when not in use
- Low profile design won't tip
- Heavy duty dual pneumatic motors
- ULPA filter captures 99.999% of particles 0.12 µm and larger
- Pre-filter protects ULPA filter for longer life
- Includes all filters and bags

① Hoses sold separately

Consolidated Hose Reel & Toolkit	Cyclone
HEPA Vac	

DustMaster Pneumatic Vacuum

Model	NSN	GSA	Power	Weight lbs (kg)	Dimensions Inches (cm)	Consumption	CFM	H2O	dBA	HP	Price
DM-104	▲	★	Pneumatic	112	27w x 22d x 20h (68w x 56d x 51h)	75 CFM @ 90 PSI	212 (180)*	125	75	-	

* CFM with cyclone pre separator