

DustMaster Electric & Pneumatic 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 coatings containing Hexavalent Chromium (Cr VI), lead, cadmium and other heavy metals, 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 3: ULPA Filter
(not visible)

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

Stage 3: ULPA Filter is 99.9995% efficient @ 0.12 μ m (U15).
Change when magnahelic reads above 5 with a new pre-filter installed. With proper maintenance and use, this filter will last several years.



Minihelic

Stage 2: Pre-filter

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.

Our Auto On/Off System Pressure acts as a countdown monitor. When a connected tool is actuated the Auto System is pressurized. When the tool is stopped the shut off delay bleeds air from the Auto System and the pressure counts down to zero at which time the vacuum shuts off.

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 several 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 100 psi.

The DustMaster System is available in 5 configurations

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

- 1**

Consolidated
Hose Reel
&
Toolkit

ULPA Vacs

Cyclone

The DustMaster ULPA Vacuum is available as a standalone unit. This is the Heart of the DustMaster System.
- 2**

Consolidated
Hose Reel
&
Toolkit

ULPA Vacs

Cyclone

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.
- 3**

Consolidated
Hose Reel
&
Toolkit

ULPA Vacs

Cyclone

In this configuration the Consolidated Hose Reel & Toolkit (CTK) rides atop the vacuum creating a single unit for easy deployment and storage.
- 4**

Consolidated
Hose Reel
&
Toolkit

ULPA Vacs

Cyclone

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.
- 5**

Consolidated
Hose Reel
&
Toolkit

ULPA Vacs

Cyclone

Suction, tool storage, and cyclonic pre separation all in one package.

DustMaster Vacuums

Model	NSN	Power	Weight lbs (kg)	Price
DM-100	7910-01-520-6439	Electric	84 (38)	
DM-104	7910-01-520-6436	Pneumatic	77 (35)	

CTK Only

Model	NSN	Power	Weight lbs (kg)	Price
650-201	5140-01-520-8551	CTK without Casters	100 (45)	
650-301		CTK with Casters	108 (49)	

DustMaster Vacuums (CTK)

Model	NSN	Power	Weight lbs (kg)	Price
DM-100CTK		Electric	184 (83)	
DM-104CTK		Pneumatic	177 (80)	

DustMaster Systems (Cyclone)

Model	NSN	Power	Weight lbs (kg)	Price
DM-100Cyclone		Electric	164 (74)	
DM-104Cyclone		Pneumatic	167 (75)	

DustMaster Systems (CTK & Cyclone)

Model	NSN	Power	Weight lbs (kg)	Price
DM-300		Electric	207 (93)	
DM-304		Pneumatic	200 (90)	

★ Available on GSA Advantage website @ www.GSAadvantage.gov





DustMaster Electric Vacuums



Features

- Supports up to 3 users with optional Y adapter
- 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
- Lightweight aluminum chassis
- Heavy duty dual electric motors
- ULPA Filter is 99.9995% efficient @ 0.12 μm (U15)
- Each vacuum certified leak free
- Pre-filter protects ULPA filter for longer life
- Includes all filters and bags

Consolidated Hose Reel & Toolkit	Cyclone
ULPA Vacs	

DustMaster Electric Vacuum

Model	NSN	Power	Weight lbs (kg)	Dimensions Inches (cm)	Consumption	CFM (lpm)	Vacuum "H ₂ O (mbar)	dBA	HP	Price
DM-100	7910-01-520-6439	Electric	84	28w x 22d x 20h (71w x 55d x 50h)	120VAC @ 20A	182 (5153)	85 (212)	77	2	

★ Available on GSA Advantage website @ www.GSAadvantage.gov

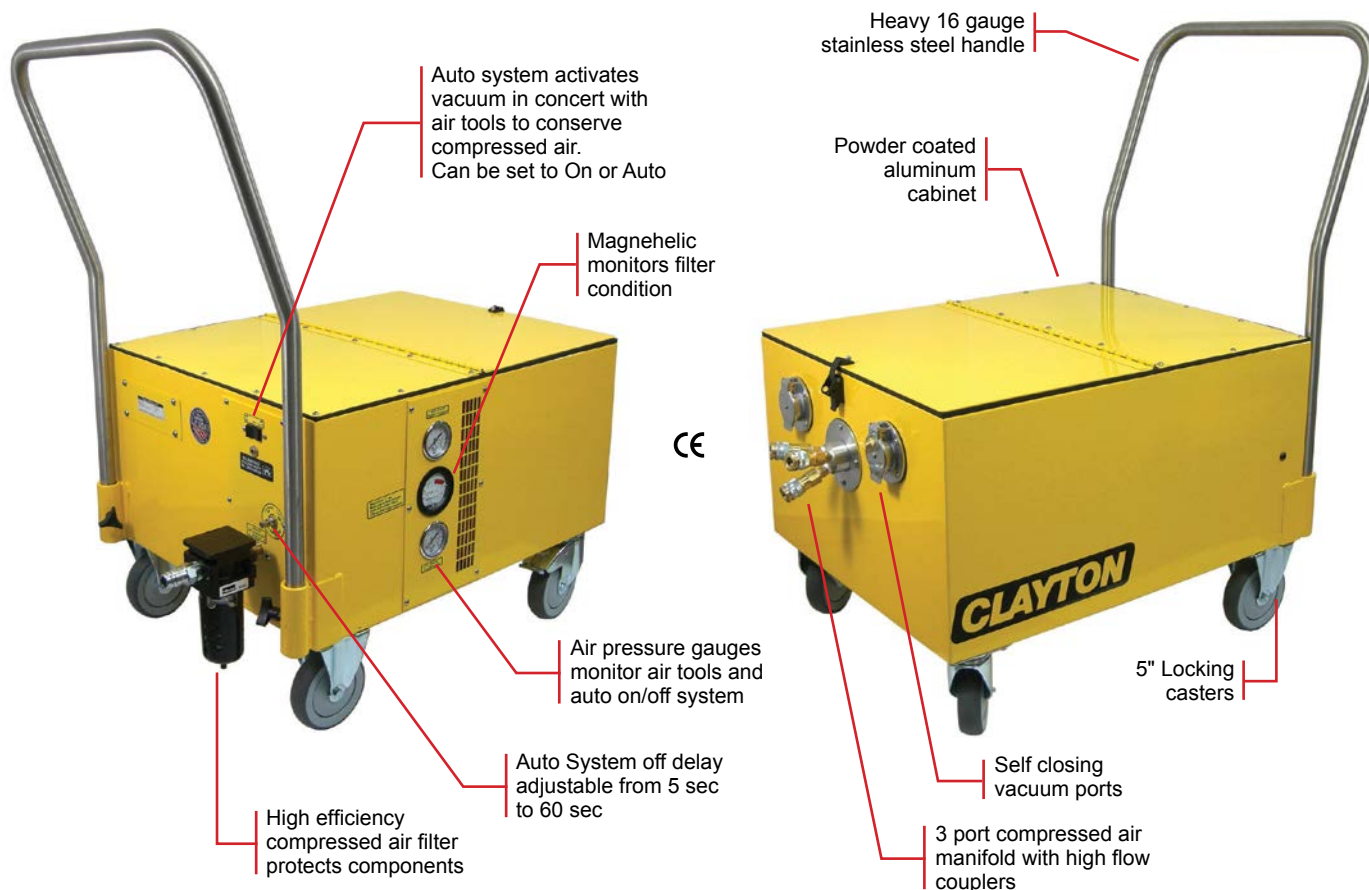
① Hoses sold separately



Call 732-363-2100 / 800 248-8650 or Order 24 hours a day from our website @ www.JClayton.com



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
- Lightweight aluminum chassis
- Heavy duty dual pneumatic motors
- ULPA Filter is 99.9995% efficient @ 0.12 μm (U15)
- Pre-filter protects ULPA filter for longer life
- Includes all filters and bags

Consolidated Hose Reel & Toolkit	Cyclone
ULPA Vacs	

DustMaster Pneumatic Vacuum

Model	NSN	Power	Weight lbs (kg)	Dimensions Inches (cm)	Consumption	CFM (lpm)	Vacuum "H ₂ O (mbar)	dBA	HP	Price
DM-104	7910-01-520-6436	Pneumatic	77	28w x 22d x 20h (71w x 55d x 50h)	75 CFM @ 90 PSI (2123 lpm @ 621kPa)	212 (6003)	125 (310)	75	-	

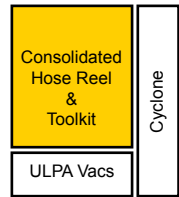
* CFM with cyclone pre separator

★ Available on GSA Advantage website @ www.GSAadvantage.gov

① Hoses sold separately

DustMaster Consolidated Tool Kit & Hose Reel

The **Consolidated Tool Kit & Hose Reel** provides storage for three vacuum hoses. The top of the CTK is a shadowboxed tool tray which holds sanders and tools. Every item is tethered or shadowed, so tool control can be easily maintained. Each compartment is lockable for tool security.

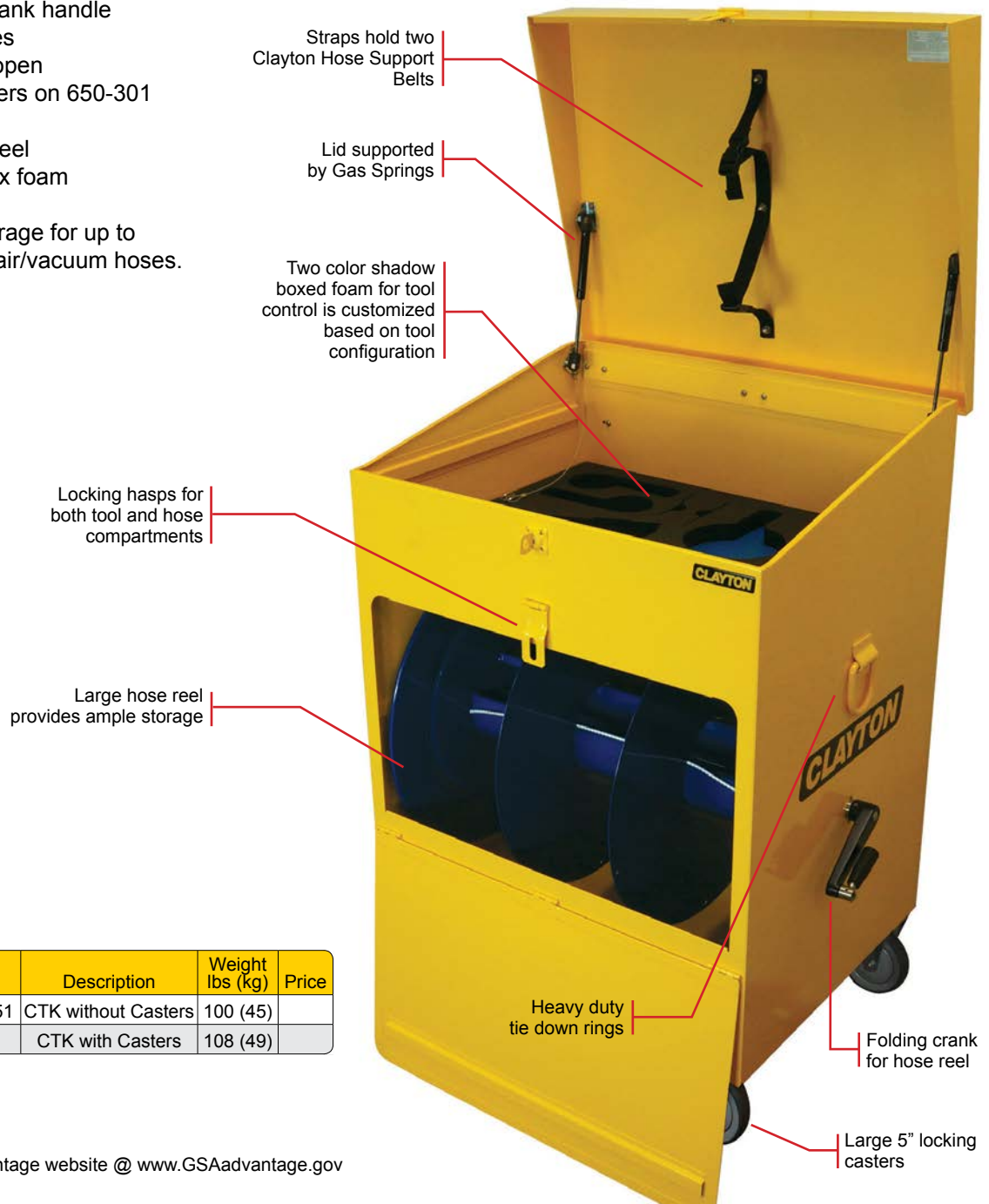


The CTK is available with wheels as a standalone unit or without wheels for mounting on a Clayton DustMaster Vacuum.

Includes:

- All steel powder coated construction
- Heavy duty tie down rings
- Foldable hose reel crank handle
- Heavy duty lift handles
- Gas springs hold lid open
- Large 5" locking casters on 650-301
- Lockable hasps
- Three position hose reel
- Two color shadow box foam

Hose reel provides storage for up to three 30' combination air/vacuum hoses.

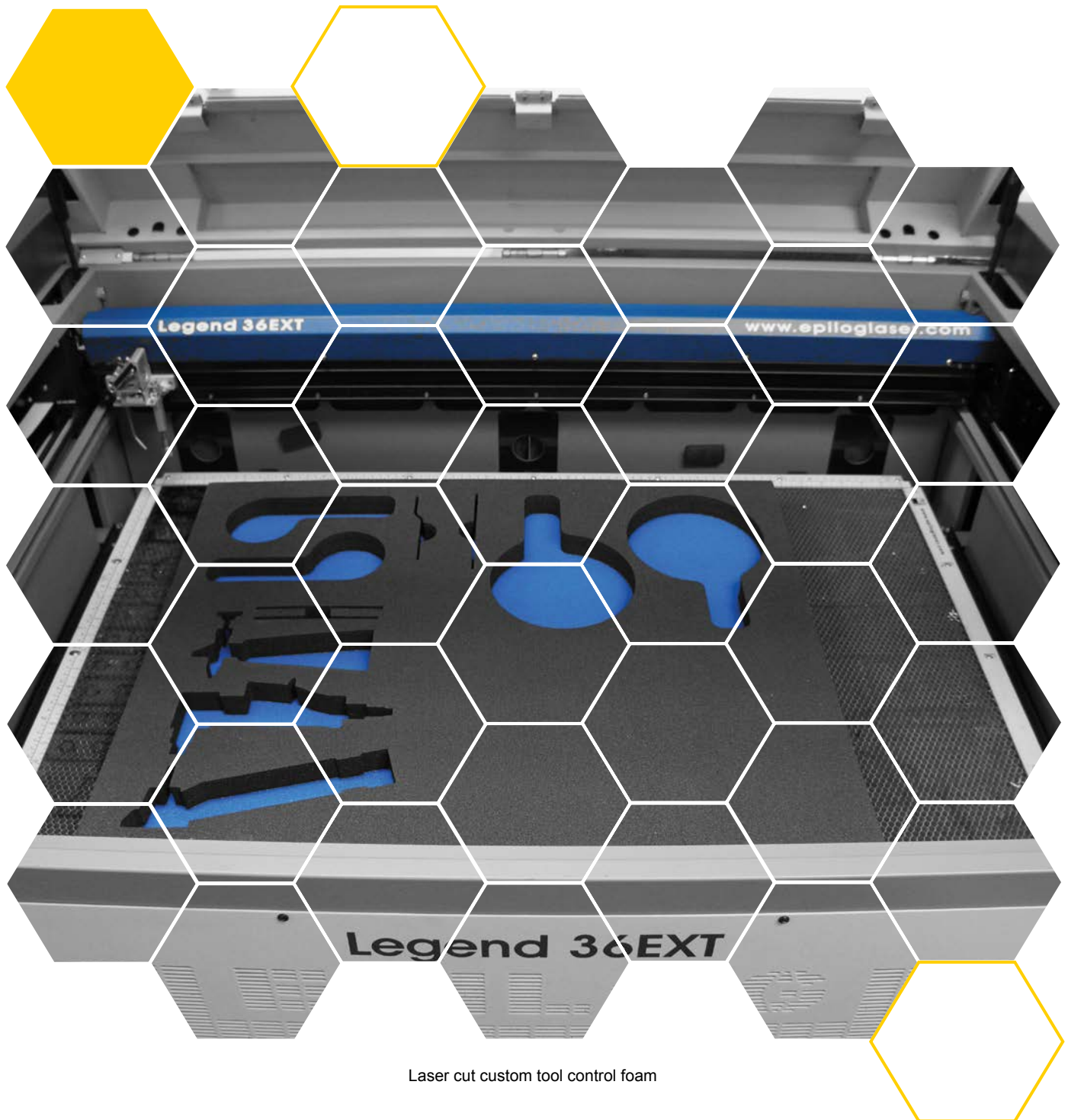


CTK Only

Model	NSN	Description	Weight lbs (kg)	Price
650-201	5140-01-520-8551	CTK without Casters	100 (45)	
650-301		CTK with Casters	108 (49)	

★ Available on GSA Advantage website @ www.GSAadvantage.gov

① Hoses sold separately



Laser cut custom tool control foam

DustMaster CTK Systems

The DustMaster CTK Systems combine a DustMaster Electric or Pneumatic vacuum with a CTK to form a single self contained portable unit with space for hoses tools and abrasives in a single place. This makes deployment and storage a one man job.

Features

- Supports up to 3 users
- Use a single compressed air line and an internal manifold to supply 3 users with compressed air
- Self closing vacuum port prevents hazardous dust from escaping when not in use
- Heavy duty dual motors
- ULPA Filter is 99.9995% efficient @ 0.12 µm (U15)
- Pre-filter protects ULPA filter for longer life
- Includes all filters and bags for turnkey operation

DustMaster Systems (CTK)

Model	NSN	Power	Dimensions Inches (cm)	Weight lbs (kg)	Price
DM-100CTK		Electric	28w x 22d x 53h	184 (83)	
DM-104CTK		Pneumatic	(71w x 55d x 134h)	177 (80)	



Consolidated Hose Reel & Toolkit	Cyclone
HEPA Vac	

DustMaster CTK / Cyclone Systems

The DustMaster CTK Cyclone systems, in either Electric or Air Powered, include the addition of our Cyclonic separator 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.

Features

- Use a single compressed air line and the internal manifold to supply 3 users with compressed air
- Supports up to 3 users
- Self closing vacuum port prevents hazardous dust from escaping when not in use
- Heavy duty dual motors
- ULPA Filter is 99.9995% efficient @ 0.12 µm (U15)
- Pre-filter protects ULPA filter for longer life
- Includes all filters and bags for turnkey operation

DustMaster Systems (CTK)

Model	NSN	Power	Dimensions Inches (cm)	Weight lbs (kg)	Price
DM-300		Electric	36w x 22d x 53h	207 (93)	
DM-304		Pneumatic	(91w x 55d x 134h)	200 (90)	



Consolidated Hose Reel & Toolkit	Cyclone
HEPA Vac	

★ Available on GSA Advantage website @ www.GSAadvantage.gov

The DustMaster Turn-Key Kits

This turn-key kit includes tools, hose, and abrasives.

660-DM-1000-4 (pneumatic) / 660-DM-1000-0 (electric)

This DustMaster System is ideal for maintenance on both airframes and ground support equipment. A core set of tools provides flexibility to tackle larger surfaces like the wing or fuselage, or tighter areas and curves, like rotor blades or munitions. Multiple hoses and tools allow up to three artisans to work simultaneously

- DustMaster ULPA Vacuum with patented Safe-Filter-Change.
- Consolidated Tool Kit (CTK) with shadow-boxed two-color foam
- One 2" Grinder kit with abrasives and accessories
- Two 3" Random Orbital Sanders, backup pads, protector pads, & 750 sheets of 3" abrasive
- Two 6" Random Orbital Sanders, backup pads, protector pads, and 750 sheets of 6" abrasive
- Two 20' Air/Vac work hoses, One 30' Air/Vac work hose
- One Compressed air supply line, and a complement of fittings

DustMaster Turn-Key Kits

Model	NSN	Power	Price
660-DM-1000-4	5130-01-413-9122	Pneumatic	
660-DM-1000-0		Electric	

670-DM-1535-4 (pneumatic) / 670-DM-1535-0 (electric)

This DustMaster System contains a robust set of tools selected by NAVAIR maintainers to support all types of aviation assets during long deployments. Multiple hoses and tools allow up to three artisans to work simultaneously.

- DustMaster ULPA Vacuum with patented Safe-Filter-Change.
- Consolidated Tool Kit (CTK) with shadow-boxed two-color foam
- Two 3" Random Orbital Sanders, backup pads, protector pads, and 1000 sheets of 3" abrasive
- One 3x4" Orbital Sander, backup pads, and 500 sheets of 3x4" abrasive
- One 3-2/3 x 7" Orbital Sander, backup pads, and 500 sheets of 3-2/3 x 7" abrasive
- Two 6" Random Orbital Sanders, backup pads, protector pads, and 1000 sheets of 6" abrasive
- Two 20' Air/Vac work hoses, One 30' Air/Vac work hose, Two Hose support belts
- One Compressed air supply line, and a complement of fittings
- Complement of Filter bags, Pre-filters, and Waste disposal bags

DustMaster Turn-Key Kits

Model	NSN	Power	Price
670-DM-1535-4	7910-01-653-4892	Pneumatic	
670-DM-1535-0	5130-01-551-2270	Electric	

Consolidated Hose Reel & Toolkit	Cyclone
ULPA Vacs	



This turn-key kit includes tools, hose, and abrasives.

660-DM-500-4 (pneumatic) / 660-DM-500-0 (electric)

This DustMaster System is ideal for maintenance on both airframes and ground support equipment. A core set of tools provides flexibility to tackle larger surfaces like the wing or fuselage, or tighter areas and curves, like rotor blades or munitions. Multiple hoses and tools allow 2 artisans to work simultaneously. Add a third vacuum hose to support three users.

- DustMaster ULPA Vacuum with patented Safe-Filter-Change.
- Consolidated Tool Kit (CTK) with shadow-boxed two-color foam
- One 2" Grinder kit with abrasives and accessories
- Two 3.5" Random Orbital Sanders, backup pads, protector pads, & 200 sheets of 3.5" abrasive
- Two 5" Random Orbital Sanders, backup pads, protector pads, and 200 sheets of 5" abrasive
- Two 20' Air/Vac work hoses
- One Compressed air supply line, and a complement of fittings

DustMaster Turn-Key Kits

Model	NSN	Power	Price
660-DM-500-4	4130-01-532-9524	Pneumatic	
660-DM-500-0		Electric	

Consolidated Hose Reel & Toolkit	Cyclone
ULPA Vacs	



Please call for other
Tool & Shroud
combinations that
may be available.

★ Available on GSA Advantage website @ www.GSAadvantage.gov



Call 732-363-2100 / 800 248-8650 or Order 24 hours a day from our website @ www.JClayton.com



DustMaster Accessories

Covers

This black nylon cover will keep your DustMaster looking like new.

- Dual ply 420 Denier Nylon with water proof urethane backing
- Cover is sized so that it will not drag on the ground
- Handle slots expose handle for easy movement
- Waterproof



DustMaster System Covers

Model	NSN	Description	Price
954-006		System cover for CTK system	
954-005		System cover for CTK Cyclone system	

Cyclone Add On

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.

- Kit includes all mounting hardware

Cyclone Add-On

Model	NSN	Power	Weight lbs (kg)	Price
682-A102		Cyclone Add on Kit	40 (19)	



DustMaster Filters

Clayton ULPA are engineered to provide maximum protection from hazardous dust. ULPA Filter is 99.9995% efficient @ 0.12 µm (U15). These filters are the ideal solution when working with chromated primers, lead paints, or composites.

Clayton Pre-filters have been designed to prolong the life of the ULPA filter. Pre-filters provide protection from larger particles which might escape when a bag filter is installed incorrectly or has sustained damage.

Disposable bag filters are the first stage of filtration on most Clayton vacuums. These vacuum bags are designed to capture larger particles and debris. Most are manufactured with a lining to resist 'caking' of dust on the inside of the bag. Bag filters are intended for single use.

DustMaster Bags & Filters

Model	NSN	Description	Price
600-313A	7910-01-520-6435	Bag Filter 5 pack (DM Vac)	
610-313A	4310-01-520-8595	Collection Bag Cloth 10 pack (Cyclone)	
600-115	4310-01-519-5205	Pre-filter 3 pack	
600-116	4310-01-519-5796	ULPA Filter 1 pack	
600-114DM	8105-01-521-2119	Black 6 mil poly bag 25 pack	
926-75F		Compressed Air Filter 40	
926-75F-01		Replacement Filter Element 40µm	



600-115



600-116



926-75F



600-114DM



610-313A



600-313A