

HORNET

ULTRA-PORTABLE PNEUMATIC HEPA VACUUM



Hornet ultra-portable pneumatic HEPA vacuum designed specifically for dustless sanding and composites fabrication.

This unit is small enough to carry out to the flightline, but packs more than enough power for corrosion control, surface prep, or general cleanup.

The Hornet is incredibly efficient and powerful enough to use with sanders, grinders, and cutting tools.

The Hornet has been designed for the removal of coatings containing Hexavalent Chromium (Cr VI), lead, cadmium and other heavy metals, aluminum dust, carbon fiber, ceramic dust, fiberglass and mold. These units are extremely portable, lightweight and feature extra heavy duty components that ensure long life and extreme durability for industrial and military environments.

The Hornet pneumatic HEPA Vacuum incorporates Safe Filter Change unique to Clayton.

This means technicians can open the filter compartment and change the primary vacuum filter without protective gear or exposing other workers and environment to hazardous dust.

All this in a package so small, only 6" in diameter, and so portable that it can be used for deployment or mobile maintenance operations. Shops with central vacuum systems or larger mobile vacuums will find new freedom to perform spot repairs in the hangar or on the flight line, without exposing workers or the environment to hazardous dust.



Small footprint at only
20" x 6" x 6.5" x 10 lbs
(51cm x 15cm x 16cm x 4.5kg)

Ex II 3 D T85° C



Features:

- ATEX certified for use in Combustible Dust Atmospheres
- Recovery capacity 1 quart (1 liter)
- Vacuum and accessories are electrically bonded to ensure conductivity during use
- HEPA filter: Efficiency of 99.97% @ 0.3 μ m (H13)
- Consumes 30-75 CFM @ 90 PSI (user adjustable)
- Includes ½" compressed airline with ½" industrial interchange fittings
- Quiet at only 77dBA
- Innovative cooling wand, keeps users cool and comfortable while working with the vacuum
- Static conductive air/vacuum hose with sheathing
- Ergonomic backpack harness (not shown) with chest clasp allows vacuum to be securely worn on back
- Tool Control - Shadow-boxed two-color foam for FOD control / prevention
- Rugged Construction - Packaged in an indestructible, lockable, wheeled Pelican Case
- Turn-key Operation upon receipt

Air Powered



User adjustable from 70" to 170" static water lift, and 65 to 85 CFM airflow

Corrosion resistant, aluminum construction

Mil-spec grounding jack allows users to ground vacuum or bond it to an aircraft using a standard flight line grounding cable

Vacuum and sander operate from a single 1/2" compressed air supply line

Differential Pressure Gauge

Compressed air for sander or tool

Self closing vacuum inlet

Non-marring static conductive rubber rails provide static dissipation

Built in compressed air gauge shows system pressure



Compressed Air Line
Conductive / All Stainless Steel Fittings



Air/Vac Work Hose
Conductive / All Brass Fittings



Grounding Cable

Hornet Consumables

Model	NSN	Description	Price
627-516H	4460-01-519-5158	HEPA filter	
690-A0031	4460-01-519-5125	Bag Filter 10 pack	
92X-A08H30-II	4720-01-663-1575	Airline 1/2" x 30' Conductive	
67X-AVHW1616-08	4720-01-663-1580	Air/Vac Work Hose 8' Conductive	
900-A001-30	6150-01-671-8172	Aircraft grounding wire 30'	
500-415-1216	4130-01-478-3108	FOD Wand 3/4" x 1" x 18"	
600-114DM	8105-01-521-2119	Black poly bag 25 pack	
500-4017		Wall Mount Bracket	



HEPA Filter



FOD Wand



Wall Mount Bracket



Filter Bags

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ULTRA-PORTABLE PNEUMATIC HEPA VACUUM



The Hornet vacuum is available alone or in 4 package configurations.

<i>Hornet Packages</i>	ACE-1000	ACE-500	ACE-400	ACE-300	500-400
NSN	^				
Hornet Vacuum	✓	✓	✓	✓	✓
Pelican Case	✓	✓	✓	✓	
FOD Wand	✓	✓	✓	✓	
30' x 1/2" Air Supply Line	✓	✓	✓	✓	
Vacuum Hose				✓	
Air / Vacuum Hose	✓	✓	✓		
Bag Filters 10 pak	✓	✓	✓	✓	
Backpack Harness	✓	✓	✓	✓	
Aircraft Grounding Cable	✓	✓	✓	✓	
3" Random Orbital Sander	✓				
5" Random Orbital Sander		✓			
6" Random Orbital Sander	✓				
Backup Pads 1 each	✓				
Pad Protectors 100 discs	✓				
180 grit abrasive 500 discs	✓				
240 grit abrasive 500 discs	✓				
320 grit abrasive 500 discs	✓				

^ See www.NSNCatalog.com for details

ACE-1000

Turn-key Dustless Sanding System includes Clayton random orbital sanders with abrasives, backup pads, and protector pads for each.

ACE-500

Complete Dustless Sanding System includes 5" Clayton random orbital sander.

ACE-400

Basic Dustless Sanding System. Customer supplies sander or purchases a Clayton sander separately.

ACE-300

Cleanup Vacuum, great for FOD pickup.

500-400

Hornet vacuum only. All hoses and accessories sold separately.

Hornet Ultra Portable HEPA Vac

Model	NSN	Price
500-400		
ACE-300		
ACE-400		
ACE-500		
ACE-1000	7910-01-390-5761	

Use our Hornet Wall Bracket to mount hornets in decontamination or transition areas for personal cleanup. Vacuum slides in and out from the top and gravity holds it in place.



Wall Mount Bracket

