

Hanging Magnetic Sweeper - Alpha Series



www.bluestreakequipment.com



Off Road Hanging Magnetic Sweeper

with remote control up and down movement



Needs/Problems for those wanting to use a hanging magnetic sweeper in off road conditions

Alpha Solutions

DEBRIS CAUSING FLAT TIRES

The flat tires on vehicles and the resulting costs, damages, interruptions and delays are the problems that in most cases create the need to attach a hanging magnetic sweeper to a vehicle.

- The Alpha was designed specifically to pickup and remove debris such as nails, screws, wire, discarded metal pieces from fabrication activities, bolts, nuts, pins, screw drivers, wrenches, etc., found on many public roads and commercial/Industrial sites

ABILITY TO USE THE MAGNET IN OFF ROAD CONDITIONS

Off road, gravel and dirt road conditions with uneven terrain and pot holes, bumps and loose sand and or gravel can cause a hanging magnet to hit the ground frequently. Users need a magnet that can handle rough off road conditions.

- The Alpha has 10" x 3" flat proof bump wheels on each end that prevents the housing from hitting the ground and are 3" wide so that they won't sink into loose sand or gravel.

- The Alpha bump wheels hit the ground when the magnet is 2 1/2" off the ground. This greater ground clearance is able to be provided because of the strength of the magnet.

- The Alpha is also equipped with 2 outriggers in the middle of the magnet with 4" x 4" wheels that hang 0.75" inches below the bottom of the magnet to prevent the middle of the magnet from hitting the ground in extremely rough off road outdoor conditions.

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<p style="text-align: center;">STABLE MAGNET</p> <p>When a hanging magnet is attached to a vehicle there can be a lot of movement and swing to the magnet when the vehicle is in motion which makes the magnet ineffective and can also damage the vehicle.</p>	<ul style="list-style-type: none"> - The Alpha comes with 4 stabilizing chains with 8 quick clips to create a very stable magnet that prevents most of the swing of the magnet. - The Alpha is also hung from the 2 actuator hanging points with 2 quick clips.
<p style="text-align: center;">EASE OF USE</p> <p>When mounting a hanging magnet under a vehicle the magnetic sweeper needs to be easy to clean off.</p> <p>Some users want a magnet that can be easily raised and lowered in order to travel between locations or when not in use.</p>	<ul style="list-style-type: none"> - The Alpha comes standard with a black PVC Quick Clean Off Sleeve. Simply pull the sleeve off and all of the debris falls off the magnet on the side you pulled the sleeve off from. Clean off is quick and easy. - The Alpha's 12 volt DC remote controlled actuators system with 7.5" inches of lift allows the operator to raise or lower the Alpha without getting out of the vehicle to preset and adjustable top and bottom positions..
<p style="text-align: center;">PROFESSIONAL PERFORMANCE AND POWER</p> <p>Commercial and industrial owners and users want a magnetic sweeper that's going to work in tough dirty conditions to ensure removal of unwanted metal debris.</p> <p>We know industrial and commercial users don't want to buy something that only half works.</p>	<ul style="list-style-type: none"> - The Alpha is a permanently charged magnet, power will never decrease, ensuring years of use. - The Alpha is wrapped with a replaceable black PVC Quick Clean Off Sleeve that protects the magnet by taking all of the wear and tear of everyday use. - The Alpha will pick up a 2 ½" nail when the bottom of the magnet is 9" off the ground providing plenty of pickup power performance in dirt and gravel and when operating on moving road cleaning vehicles. With the wheels ½" off the ground as recommended, the sweeping height is 3" inches. To maximize performance we recommend setting sweeping height between 3 and 5 inches in most situations.
<p style="text-align: center;">VEHICLE FIT</p> <p>Vehicle owners want a magnetic sweeper solution that fits their vehicle and maintains the vehicle's manoeuvrability so that the vehicle can operate normally.</p>	<ul style="list-style-type: none"> - With 2 different widths of 86" and 98" inches the Alpha is designed to fit a variety of vehicles including shunt/yard trucks, commercial trucks, pickup trucks, outdoor forklifts, Telehandlers, graders and tractors. - The Alpha comes standard with 6 hanging points and 4 attachment chains and 2 blue synthetic actuator lifting ropes and 10 quick connect clips - The Alpha can be front, mid or rear mounted.

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DURABILITY

Not only does it have to work, and be easy to use, but industrial and commercial owners and users want a magnet that will last as long as the vehicle and still be a cost effective solution.

- The Alpha has permanently charged grade C8 magnets that will never need to be recharged.
- The 10" x 3" wide off road wheels and outriggers prevent damage to the magnet by preventing the magnet from hitting the ground.
- Metal debris hitting the magnet can wear the aluminum housing on the magnet over a long time and reduce its useful service life, therefore we've shifted the wear to the replaceable and removable quick clean off sleeve that not only makes clean off quick and easy but it extends the life of the Alpha magnet.
- Replacement Quick Clean off Sleeves and all parts can be ordered on our website www.bluestreakequipment.com if needed.



Alpha Specifications

See this product in action.
View demo on line.
Visit us at www.bluestreakequipment.com

Product Name
Alpha Magnetic Sweeper

Sweeper Width
Alpha 86 - 86" Alpha 98 - 98"

Height of Sweeper Magnetic Housing
4 1/2"

Face Depth of Sweeper Magnetic Housing
4 1/2"

Magnet Dimensions Inside Housing (unspaced)
Alpha 86 - 3 1/2" H x 4" W x 84" L
Alpha 98 - 3 1/2" H x 4" W x 96" L

Ground Clearance
Adjustable with a minimum sweeping height of 2.5"

Total Product Weight
Alpha 86 - 328 lbs Alpha 98 - 361 lbs

Total Shipping Weight
Alpha 86 - 355 lbs Alpha 98 - 394 lbs

Cleaning Method
Quick Clean off Sleeve, also comes standard with double handled orange poly fabric debris catcher.

Wheels
10" x 3" foam filled flat proof wheels with 5/8" inch ball bearings.

Sweeping Height Adjustability
Yes, by changing hanging height. Minimum 2.5", recommended hanging height 3" to 5" maximum.

Mounting Point
6 mounting points with 4 stabilizing/hanging chains and 2 blue synthetic actuator lifting ropes and 10 quick connect clips.

Magnet Type
Permanently Charged C8 Magnets

Vehicle Fit
Can be front, mid or rear mounted.

Maximum Lifting Height
(measures in 2 1/2" 8 penny nails)
9" inches

Construction
- Aluminum Magnet Housing
- PVC Quick Clean Off Sleeve
- Steel outriggers



Bluestreakequipment MAGNETICS
APPLICATION DRIVEN DESIGN



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*The manufacturer reserves the right to modify the product at any time, without prior notice.