Hanging Magnetic Sweeper - Erebus Series

Bluestreak equipment MAGNETICS
APPLICATION DRIVEN DESIGN
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EREBUS

Off Road Hanging Magnetic Sweeper

With Aluminum Clean Off Sleeve



Needs/Problems for those wanting to use a hanging magnetic sweeper in off road conditions	The Erebus Solutions
Debris Causing Flat Tires • The flat tires on vehicles and the resulting costs, highway accidents, damages, interruptions and delays are the problems that in most cases create the need to attach a hanging magnet sweeper to a vehicle.	• The Erebus 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.
Ability to Use the Magnet in Off-road Conditions • Off-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 Erebus has 10.5” x 3.25” heavy duty flat proof bump wheels on each end that prevents the housing from hitting the ground. • The Erebus bump wheels hit the ground when the magnet is 2 1/2” off the ground. • Aluminum quick clean off sleeve can take impacts without deforming or breaking during off road use • The Erebus is also equipped with 2 outriggers in the middle of the magnet with 4”x4” wheels that hand 0.75” below the bottom of the magnet to prevent the middle of the magnet from hitting the ground in extremely rough off road conditions.

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Stable Magnet • 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.	• The Erebus comes with 6 stabilizing chains with quick clips to create a very stable magnet that prevents most of the swing of the magnet. • The Erebus is designed with 10.5” x 3.25” heavy duty bump wheels on each end that add further stability preventing the magnet from hitting the ground with UHMW Bushings for a long service life.
Ease of Use • When mounting a hanging magnet under a vehicle, the magnet sweeper needs to be easy to clean off.	• The Erebus comes standard with an aluminum Quick Clean Off Sleeve. Simply pull the sleeve off using the pull out handle and all the debris falls off the magnet on the side you pulled the sleeve off from. Clean off is quick and easy. • Aluminum quick clean off sleeve doesn’t deform from collected debris and slides off easily on PVC rails.
Professional Performance and Power • Commercial and industrial owners and users want a magnet sweeper that’s going to work in tough dirty conditions to ensure removal of unwanted metal debris. • We know industrial and commercial users don’t want to buy something that only half works.	• The Erebus is a permanently charged magnet, power will never decrease, ensuring years of use. • The Erebus will pick up a 2 1/2” nail when the bottom of the magnet is 8 1/4” off the ground providing plenty of pickup power performance in dirt and gravel and when operating on moving road cleaning vehicles. To maximize performance, we recommend setting sweeping height between 3” and 5” in most situations.
Vehicle Fit • Vehicle owners want a magnet sweeper solution that fits their vehicle and maintains the vehicle’s maneuverability, so that the vehicle can operate normally.	• With 4 different widths to choose from (62” - 98”), the Erebus is designed to fit a variety of vehicles including telehandlers, graders, tractors, and front end loaders. • The Erebus comes standard with 6 hanging points and attachment chains. • The Erebus 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 Erebus has permanently charged grade C8 magnets that will never need to be recharged. • The 10.5” x 3.25” 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 aluminum quick clean off sleeve that not only makes clean off quick and easy but extends the life of the Erebus magnet. • Aluminum clean off sleeve can survive ground strikes and being run over by a 7000Lbs tractor without breaking.



Erebus Specifications

See this product in action.
View demo online.
Visit us at **www.bluestreakequipment.com**

Product Name
Erebus - Hanging magnetic sweeper

Sweeping Width
Erebus 62 - 62” Erebus 74 - 74”
Erebus 86 - 86” Erebus 98 - 98”

Height of Sweeper Magnet Housing
4 1/2”

Face Depth of Sweeper Magnet Housing
4 1/2”

Magnet Dimensions Inside Housing (unspaced)
Erebus 62 - 3 1/2”H x 4”W x 60”L
Erebus 74 - 3 1/2”H x 4”W x 72”L
Erebus 86 - 3 1/2”H x 4”W x 84”L
Erebus 98 - 3 1/2”H x 4”W x 96”L

Ground Clearance
Adjustable with a minimum sweeping height of 2 3/8”



Total Product Weight
Erebus 62 - 248.5lbs Erebus 74 - 291.8lbs
Erebus 86 - 327.3lbs Erebus 98 - 357.6lbs

Total Shipping Weight
Erebus 62 - 322 lbs Erebus 74 - 376 lbs
Erebus 86 - 422 lbs Erebus 98 - 474 lbs

Cleaning Method
Aluminum Quick Clean Off Sleeve

Wheels
10.5” x 3.25” Carlisle flat free wheels with 5/8” UHMW bushings.

Sweeping Height Adjustability
Yes, by changing hanging height. Recommended hanging height 3” to 5” maximum.

Mounting Point
4 outrigger and D-ring mounting points with 6 hanging chains with 12 clips included.

Magnet Type
Permanently charged C8 magnets.

Vehicle Fit
Can be front, mid, or rear mounted.

Maximum Lifting Height
8.25” (measures in 2 1/2” 8 penny nails)

Construction
Aluminum Magnet Housing
Aluminum Quick Clean Off Sleeve
Steel outriggers

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