Hanging Magnetic Sweeper - Khamsin Series™

Bluestreak equipment
APPLICATION DRIVEN DESIGN
www.bluestreakequipment.com

KHAMSIN

All Terrain Hanging Magnetic Sweeper

with Quick Clean Off Sleeve
in 4 Different Sizes



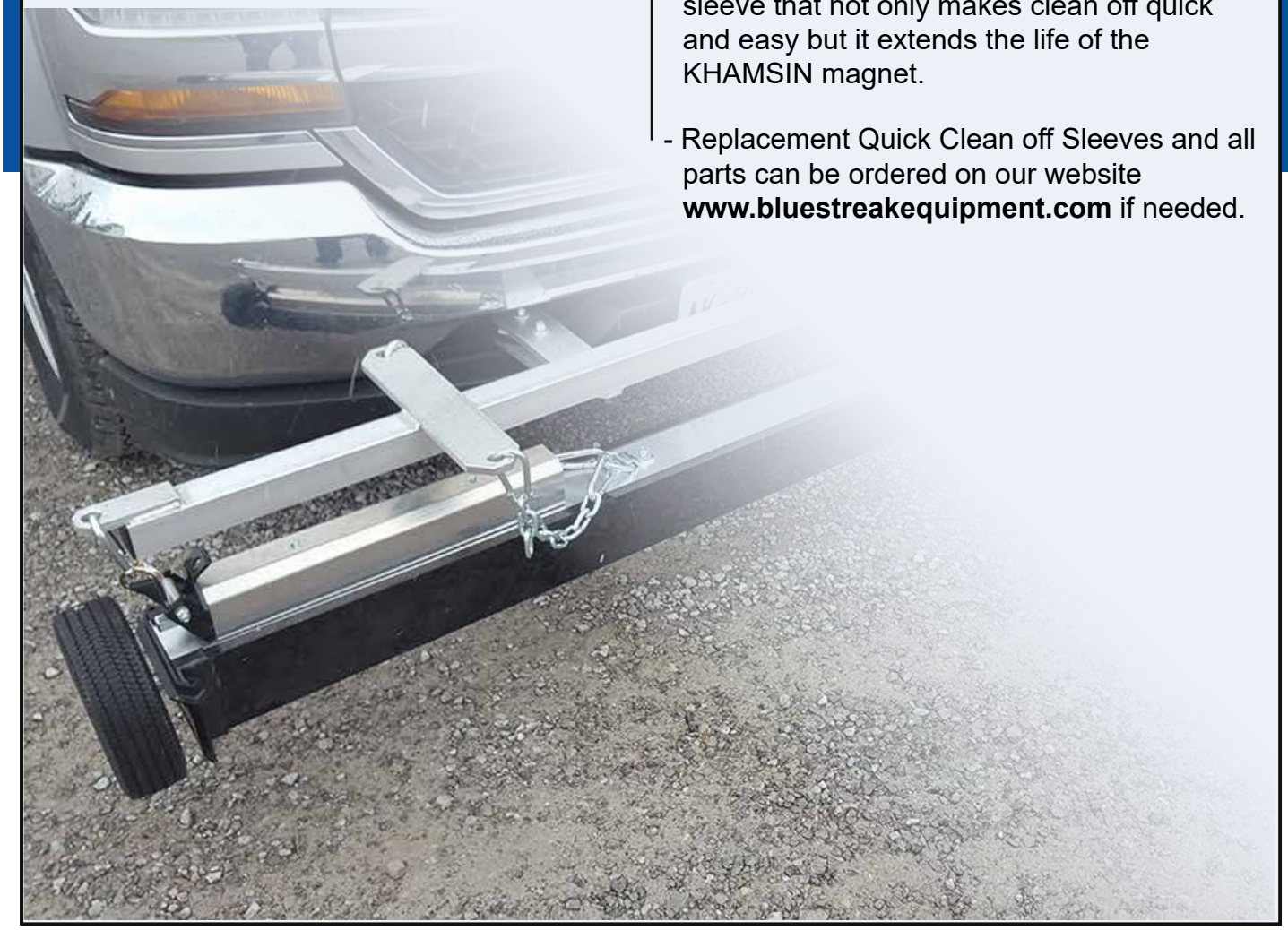
Needs/Problems for those wanting to use a hanging magnetic sweeper on a vehicle	Khamsin Solutions
DEBRIS CAUSING FLAT TIRES The flat tires on vehicles and the resulting costs, highway accidents, damages, interruptions and delays are the problems that in most cases create the need for the use of attaching a hanging magnetic sweeper to a vehicle.	- The KHAMSIN 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. from all terrain surfaces including asphalt, concrete, gravel and dirt.
ADJUSTING THE SWEEPER HEIGHT ONCE MOUNTED Once a hanging magnet is mounted to a vehicle it can be difficult to adjust the height of the sweeper. This is especially frustrating if operators want the sweeper raised and out of the way when it is not being used. Operators do not want to attach and reattach the magnet continuously.	- The KHAMSIN is unique because it has Actuators on either end of the magnet that make moving the magnet up and down quick and easy. - By using a cordless drill on the Actuators operators can easily move the sweeper to the chosen sweeping height or to a road travelling height.

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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.	- The KHAMSIN comes with 6 stabilizing chains to create a very stable magnet that prevents most of the swing of the magnet. - The KHAMSIN is designed with 10” x 3” bump wheels on each end that add further stability preventing the magnet from hitting the ground and sinking into soft soil.
EASE OF USE When mounting a hanging magnet under a vehicle the magnetic sweeper needs to be easy to clean off. Operators also want an easy way of adjusting the magnet sweeping hieght to fine tune the height for their job.	- The KHAMSIN 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 Actuators make lifting and lowering the magnet also quick and easy.
PROFESSIONAL PERFORMANCE AND POWER 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. We know industrial and commercial users don’t want to buy something that only half works.	- The KHAMSIN is a permanently charged magnet, power will never decrease, ensuring years of use. - The KHAMSIN 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 KHAMSIN 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. To maximize performance we recommend setting sweeping height at 3 inches (with the wheels ½” off the ground).
VEHICLE FIT Vehicle owners want a magnetic sweeper solution that fits their vehicle and maintains the vehicle’s manoeuvrability.	- The KHAMSIN is designed to fit shunt/yard trucks, commercial trucks, pickup trucks, graders, telehandlers, and tractors. - The KHAMSIN comes standard with 6 hanging attachment chains. - The KHAMSIN 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	- Permanently charged grade C8 magnets that will never need to be recharged. - The KHAMSIN was designed so that the magnet can be raised easily out of the way when it is not in use. This helps eliminate damages that could occur when the vehicle is travelling at higher speeds and not using the magnet. - Metal debris hitting the metal magnet can wear the metal 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 KHAMSIN magnet. - Replacement Quick Clean off Sleeves and all parts can be ordered on our website **www.bluestreakequipment.com** if needed.



Khamsin Specifications

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

Product Name
Khamsin Magnetic Sweeper

Sweeper Width

Khamsin 62 - 62”	Khamsin 86 - 86”
Khamsin 74 - 74“	Khamsin 98 - 98”

Height of Sweeper Magnetic Housing
4 ½”

Face Depth of Sweeper Magnetic Housing
4 ½”

Magnet Dimensions Inside Housing (unspaced)
Khamsin 62 - 3 ½” H x - 4” W x - 60” L
Khamsin 74 - 3 ½” H x - 4” W x - 72” L
Khamsin 86 - 3 ½” H x - 4” W x - 84” L
Khamsin 98 - 3 ½” H x - 4” W x - 96” L

Ground Clearance
Adjustable with a minimum of 2.5“ with the wheels on ground, 3” recommended, 5“ maximum.



Total Product Weight

Khamsin 62 - 191 lbs	Khamsin 86 - 258 lbs
Khamsin 74 - 225 lbs	Khamsin 98 - 291 lbs

Total Shipping Weight

Khamsin 62 - 277 lbs	Khamsin 86 - 363 lbs
Khamsin 74 - 320 lbs	Khamsin 98 - 405 lbs

Cleaning Method
Quick Clean of Sleeve

Wheels
10” x 3“ foam filled bump wheels with 5/8 inch ball bearings rated at 225 lbs each

Sweeping Height Adjustability
Yes, by using a cordless drill and the Actuators

Mounting Point
On custom mounting bracket (not included)

Magnet Type
Permanently Charged C8 Magnets

Vehicle Fit
Designed to fit most vehicles.

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

Construction
- Aluminum Magnet Housing
- PVC Quick Clean Off Sleeve

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