

Skid Steer Magnetic Sweeper - Meerkat™ Series

Bluestreakequipment MAGNETICS
APPLICATION DRIVEN DESIGN
www.bluestreakequipment.com

MEERKAT
Front Mounted Skid Steer
Magnetic Sweeper



Needs/Problems for those wanting to use a front mounted skid steer magnetic sweeper

Debris Causing Flat Tires, Injuries & Product Contamination

- The flat tires on vehicles entering, exiting, and moving about the property and the resulting cost, interruption and delays are the problems that in most cases create the need for the use of a magnetic sweeper
- In some cases, debris also poses safety concerns or product contamination problems

Skid Steer Fit

- Skid steer owners want a magnetic sweeper that is easy to install and connect, and one that fits almost any skid steer on the market

The Meerkat Solutions

- The Meerkat was specifically designed to pickup and remove debris of various types: screws, wire, discarded pieces of construction and demolition activities, bolts, nuts, pins, screwdrivers, rebar, railway spikes, wrenches etc.
- The Meerkat easily mounts to the front of a skid steer using a universal adaptor plate set at a 0-degree lead angle allowing for easy positioning of the magnet over the ground.
- At 737 pounds the Meerkat magnetic sweeper is light enough to operate on all but the smallest skid steer models, and the 67" sweeping width of the Meerkat is wider than the majority of wheeled and tracked skid steer models.

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Ground Contact

- When operating a magnetic sweeper, the operator often has to feather the controls and pay close attention to avoid having the magnet hit the ground and losing all of the collected debris

The Meerkat Solutions

- The Meerkat's design allows operators to set the lift arms of the skid steer on the lower stops and this positions the magnet in the correct operating zone.
- At the recommended sweeping height of 3" inches – 4" inches the magnet is strong enough to collect debris even when it is raised high enough to avoid ground contact.
- The Wrap around feature ensures that, in the event of a ground strike, the collected debris is simply wiped to the back side of the magnet and not released onto the ground.
- Strong steel ribs between hanging magnet assemblies provide extra rigidity to prevent damage, even on big impacts



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The Meerkat Solutions

Ease of Use

- Operators want to be able to change tools quickly
- Operators need to be able to clean collected metal debris from the magnet and into a receptacle without getting out of the skid steer.
- Large Job sites require a fast and easy solution to collect debris that accumulates through normal operations.

- The Meerkat can empty debris from the magnet without the need to be handled by anyone, increasing safety and efficiency. The Swing-Out Clean-Off pivoting magnet system uses gravity to separate the debris from the magnetic field, and can empty into five and eight foot tall dumpsters.
- Connecting the Meerkat to a skid steer or track loader is the same procedure as mounting a bucket or any other non-powered attachment. Latching into the universal adaptor plate and engaging the safeties is all that is required to start sweeping. Making it easy to switch between tools without having to get out of the cab.
- The Meerkat has a powerful 67" inch wide magnet that can cover a large plot of land quickly and efficiently and the Meerkat will retain collected debris even if it hits the ground thanks to the wrap around feature.

Professional Performance and Power

- Commercial and industrial skid steer owners and operators want a magnetic sweeper that is going to work in tough dirty conditions to ensure removal of unwanted metal debris. Industrial and commercial users don't want to buy something that only half works.

- The Meerkat is a permanently charged magnet that can pick up a 2.5" inch nail from a height of 10" inches. Power will never decrease, ensuring years of use.
- Optional debris digging rakes extend the functionality of the Meerkat, allowing operators to simultaneously groom and re-surface job sites while digging up and collecting metal debris that may be below the surface.
 - The Debris Digging rake also provides a visual indicator of which areas have been swept.

Durability

- Not only does it have to work, and be easy to use, but industrial and commercial skid steer owners and operators want a magnetic sweeper that will last as long as the skid steer.

- The Meerkat is constructed of heavy-duty steel and stainless steel which can take the abuse that even the toughest job sites have to offer.
- Permanently charged C8 magnet will never need to be replaced.
- Any parts the Meerkat may need are available from Bluestreak Equipment.
- Strong steel ribs between hanging magnet assemblies provide extra rigidity to prevent damage, even on big impacts.

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Meerkat Specifications

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

Product Name

Meerkat - Skid Steer Magnetic Sweeper

Sweeper Width

Meerkat 67 - 67"

Magnet Housing Dimensions

3 housings each: 6.8"W x 5.25"H x 20.75"L

Magnet Dimensions Inside Housing

6"W x 5"H x 20"L

Total Product Weight

Meerkat 67 - 737 LBS

Total Shipping Weight

Meerkat 67 - 821 LBS

Cleaning Method

Swing-out, clean-off, pivoting magnet system, gravity powered

Sweeping Height Adjustability

Continuous, using lift arms of the skid steer

Mounting Point

Universal skid steer adaptor plate

Magnet Type

Permanently charged C8 magnets

Fit

Designed to fit most skid steers, track loaders

Maximum Lifting Height

10" (measures in 2 1/2" 8 penny nails)

Construction

Steel, stainless steel



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 **MEERKAT**

1645 Hwy 3, Delhi,
Ontario, Canada N4B 2W6
Tel: 1-519-582-1386
Fax: 1-519-582-2579
Email: sales@bluestreakequipment.com
Website: www.bluestreakequipment.com

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