

# Forklift Magnetic Sweeper - The Guardian Series™

**Bluestreak**equipment  
APPLICATION DRIVEN DESIGN  
www.bluestreakequipment.com

**THE GUARDIAN**

## Rear Pin Mounted Forklift Magnetic Sweeper

with super slim forklift  
hugging design



### Needs/Problems for those wanting to use a forklift mounted magnetic sweeper

#### DEBRIS CAUSING FLAT TIRES

The flat tires on forklifts and other 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.

#### COST OF CONTINUOUS DEBRIS REMOVAL

Routine removal of metal debris to prevent flat tires represents another activity to be performed and extra labour cost if done separately. Forklift owners want a solution that solves the flat tire problem without adding more permanently ongoing labour costs to do so.

### The Guardian Solutions

- The Guardian was designed specifically to pickup and remove debris of this type; nails, screws, wire, discarded pieces from fabrication activities, bolts, nuts, pins, screw drivers, wrenches, etc.
- By mounting the Guardian on forklifts, clean up of metal debris occurs as other normal activities are carried out. It results in negligible extra labour costs to solve the problem of flat tires. By eliminating the current and future labour costs of solving the flat tire problem, the payback period of investing in the Guardian is greatly reduced. The Guardian pays for itself very quickly.



## Needs/Problems for those wanting to use a forklift mounted magnetic sweeper

### FORKLIFT FIT

Forklift owners and operators don't want to have to fabricate a custom installation for their forklift that damages the forklift in the process of installing the magnet. They want a magnetic sweeper solution that is easy to install out of the box, that fits almost every type of forklift on the market, and that is compact in size to minimize the overall length it adds to the forklift in order to maintain forklift manoeuvrability.

## The Guardian Solutions

- The Guardian was designed to fit most brands and sizes of forklift on the market right out of the box. See our FIT guidelines for the Guardian to make sure it fits your forklift.
- The Guardian is super slim and hugs and wraps around the rounded back contour of the forklift to maintain a low profile fit. The three sections with pivot points allow you to adjust the sections to exactly match the rounded contour of your forklift.
- No need to weld on or drill into your forklift to mount the Guardian.
- Utilizes the rear pin on your forklift as the mounting point even if the exhaust on your forklift is vented through the pin slot.
- Multiple installation bracket positions accommodate different height forklifts of every kind.
- The vertical installation angle of the Guardian is easily adjustable to accommodate different rear geometries of forklifts of every kind.
- The Guardian is compact in size and adds only 6 1/8 inches to the length of a forklift.
- The Guardian is easy to install and setup on any forklift in a few minutes.





## Needs/Problems for those wanting to use a forklift mounted magnetic sweeper

## The Guardian Solutions

### EASE OF USE

Forklift operators want a magnetic sweeper that's easy to clean off, they don't want to get down on their hands and knees at ground level to clean a magnet off.

Forklift operators want something to catch the debris when they clean the magnet off so that cleaning the magnet off doesn't become a big secondary job.

- The Guardian is easily cleaned off by simply pulling up on the handles on the top of the magnet which are at a convenient height. Clean off takes only seconds. No working on the ground and no bending over to clean the magnet off.
- To make clean off even easier we've thought of everything, therefore the Guardian comes standard with our double handled orange debris catcher. Just pull the debris catcher out of its holder on the Guardian, and lay it down on the ground under one of the magnet sections, pull up on the magnet handle, and all the debris will fall onto the orange debris catcher. This then allows you to easily pick up the debris catcher with the debris on it, and dump it in the garbage. No more looking around for something to catch the debris. Easy, convenient, simple.

### PROFESSIONAL PERFORMANCE AND POWER

Commercial and industrial Forklift 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 Guardian is a permanently charged magnet, power will never decrease, ensuring years of use.
- The Guardian magnet is completely enclosed in a stainless steel housing for years of use.
- The Guardian will pick up a 2 ½ inch nail when the bottom of the magnet is 7 ¼ inches off the ground providing plenty of pickup power performance in dirt and gravel and when operating on moving forklifts. To maximize performance we recommend a sweeping height of 2 ½ to 3 ½ inches in most situations.

### DURABILITY

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

- Heavy Duty steel and stainless steel construction
- Permanently charged grade C8 magnets that will never need to be recharged.

# The Guardian Specifications

See this product in action.

View demo on line.

Visit us at [www.bluestreakequipment.com](http://www.bluestreakequipment.com)

---

## Product Name

**Guardian** - Forklift Magnetic Sweeper

---

## Sweeper Width

Guardian 33 - 33"

---

## Magnet Dimensions Inside Each of the 3 Housings (unspaced)

Guardian - 4" H x 2 1/2" W x 10" L

---

## Depth (Addition to overall length of forklift)

6 1/8 inches

---

## Total Product Weight

Guardian 33 - 142 lbs

---

## Total Shipping Weight

Guardian 33 - Box 1 of 4 - 18.8 lbs  
Box 2 of 4 - 45.1 lbs  
Box 3 of 4 - 42.9 lbs  
Box 4 of 4 - 45.1 lbs

---

## Vertical Angle Adjustability

Yes, to accommodate varying rear geometries of different forklifts

---

## Cleaning Method

Pull Up Debris Release Handles

---

## Sweeping Height Adjustability

Yes, in 1 inch increments by adjusting Mounting Bracket Position which is done on initial setup only. Recommended sweeping height of 2 1/2 to 3 1/2 inches .

---

## Mounting Point

Rear Pin of Forklift

---

## Magnet Type

Permanently Charged C8 Magnets

---

## Forklift Fit

Designed to fit most forklifts.  
(see FIT Guidelines online)

---

## Maximum Lifting Height

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

7 1/4 inches

---

## Construction

- Steel Vented Mounting Bracket
- Stainless Steel Magnet Cartridges (3)
- Aluminium Debris Release Handles



1645 Hwy 3, Delhi,  
Ontario, Canada N4B 2W6

Tel:1-519-582-1386

Fax:1-519-582-2579

email: [sales@bluestreakequipment.com](mailto:sales@bluestreakequipment.com)

web site: [www.bluestreakequipment.com](http://www.bluestreakequipment.com)

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