

Commercial Truck Magnetic Sweeper - Baffin Series



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Needs/Problems for those wanting to use a front mounted commercial truck magnetic sweeper



Front Mounted Commercial Truck Magnetic Sweeper

The Baffin Solutions



Needs/Problems for those wanting to use a front mounted commercial truck magnetic sweeper

Durability

- Equipment needs to be durable so that it lasts and doesn't require a lot of maintenance.

The Baffin Solutions

- The Baffin has a heavy duty construction of steel, stainless steel and aluminum with high quality paint and powder coated finishes.
- The C8 Ceramic magnets will never degrade and won't need to be recharged.
- The Baffin allows for 9" of up and down independent movement on the caster bump wheels allowing one side to move while the other doesn't which takes strain off the magnet frame and the connection to the truck for increased durability and longevity.

Safety

- Equipment needs to be safe to use for operators.
- Highway, airfield and port terminal workers need to be able to operate the unit without leaving the safety of the truck cab.

- Highways, airfields and port terminals are busy places. The Baffin was designed with operator safety as a top priority.
- The Baffin's remote hydraulic clean-off system allows the vehicle operator to remove debris from the magnet and empty it into onboard bins without leaving the cab of the vehicle.

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Debris Causing Accidents

- Shoulders on roadways are critical to keep clear of debris to ensure the safe passage of all vehicles on the roads including passenger vehicles, emergency vehicles and highway/road maintenance vehicles.
- Commercial trucks engaged in highway, airfield and port maintenance operations need to ensure they can do their jobs without getting flat tires.
- FOD (foreign object debris) on airport runways, taxiways and ramps can cause engine failures on jets if sucked into the turbines.

Easy to attach to and remove from the truck

- Conversion from other front mount attachments to the Baffin magnetic sweeper needs to be straight forward, quick, and easy.

The Baffin Solutions

- The Baffin was specifically designed to collect all ferrous debris (screws, snow brush bristles, banding, bolts, tools) at speeds suitable for the side of highways and on airport runways / taxiways (up to 25 km/h).
- The Baffin attaches to a truck using the included connection plate that has 12 pre-drilled holes to help with installation on the truck. Once this connection is made, the Baffin can be attached or removed from the connection plate in 2 minutes while leaving the adaptor plate on the truck.



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The Baffin Solutions

Ease of Use

- Cleaning debris off a magnetic sweeper must be easy and quick.

- The Baffin has a hydraulic clean-off function that can be activated from the safety of the cab, the collected debris falls into onboard bins which eliminates the need for the driver to leave the truck and allows them to clean the magnet off quickly and easily.

Ground Contact Avoidance

- Operators want a tool that can be operated without having to constantly monitor the attachment to avoid having the magnet hit the ground.

- The Baffin's caster bump wheels prevent the magnet from hitting the ground when they encounter bumps or rising elevation of the road ahead or on turns when the vehicle springs compress. The operator doesn't have to worry about the magnet hitting the ground.

Efficiency / Productivity

- Commercial and industrial users want a tool that's going to increase productivity.

- The Baffin's magnet can be cleaned off multiple times into the on-board debris bins until they are full. Clean off can be done from the cab of the vehicle easily.
- Cleaning the magnet off frequently into on-board debris bins keeps the magnet clear of debris which keeps the magnet at maximum power ensuring it stays at maximum productivity.
- On board debris bins mean you can sweep for debris for longer periods of time and once both 1.65 cubic foot onboard debris bins are filled, only then does the driver need to empty the bins.

Professional Performance and Power

- Commercial and industrial users want a magnetic sweeper that is going to work in tough 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 Baffin is a permanently charged magnet, power will never decrease, ensuring years of use.
- The Baffin magnet is completely enclosed to keep out debris.
- The Baffin can pick up a 2 ½" inch nail from 10.75" inches off the ground, this allows the Baffin to collect any type of ferrous debris at speed and over variations in the surface.

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Baffin Specifications

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

Product Name

Baffin - Commercial truck magnetic sweeper

Sweeper Width

Baffin 95 - 92"

Magnet Housing Dimensions

Baffin 95 - 96.25"L x 6.7"W x 5.25"H

Magnet Dimensions Inside Housing

Baffin 95 - 94.5"L x 6"W x 5"H

Total Product Weight

Baffin 95 - 1411 LBS

Total Shipping Weight

Baffin 95 - 1519 LBS

Cleaning Method

Hydraulic debris release into on-board debris bins

Sweeping Height Adjustability

2" - 5" using hydraulic cylinder stroke control blocks

Mounting Point

Includes mounting plate that attaches to the truck with 12 pre-drilled mounting locations. Quick latch system that allows for easy mounting and removal of the main sweeper from the mounting plate on the front of the vehicle.

Magnet Type

Permanently charged C8 magnets

Fit

Designed to fit large commercial trucks

Maximum Lifting Height

10.75" (measured using 2.5" #8 nails)

Construction

Steel, stainless steel



Bluestreakequipment MAGNETICS
APPLICATION DRIVEN DESIGN



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