Hanging Magnetic Sweeper - PYR Series™

Bluestreak equipment MAGNETICS
APPLICATION DRIVEN DESIGN
www.bluestreakequipment.com

PYR

Hanging Magnetic Sweeper
In six lengths and two strength levels



Needs/Problems for those wanting to use a skid steer magnetic sweeper	The PYR Solutions
DEBRIS CAUSING FLAT TIRES • Flat tires on vehicles and the resulting costs, damages, interruptions and delays are the problems that in most cases create the need for a hanging magnetic sweeper.	• The PYR 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 flat level surfaces quicker and faster than other methods of picking up metal debris because it attaches to equipment you already use.
COST CONTROL • Industrial and commercial users need to control costs. • They need to control the cost of flat tires and downtime as well as possible injuries. But they also need to control the cost of cleaning up metal debris.	• The PYR attaches to equipment you already own. • The PYR can sweep while the vehicle is used for it's regular activities, resulting in no extra labor costs. • Eliminates downtime costs caused by repairing flat tires punctured by metal debris.

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Needs/Problems for those wanting to use a hanging magnetic sweeper on a vehicle	The PYR Solutions
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 PYR comes with 4 stabilizing chains and 4 steel anchor points to create a very stable magnet that prevents most of the swing of the magnet. • The PYR is designed with bump wheels on each end that add further stability preventing the magnet from hitting the ground.
EASE OF USE • When mounting a hanging magnet under a vehicle the magnetic sweeper needs to be easy to clean off.	• A black PVC Quick Clean Off Sleeve accessory can be purchased for the PYR. 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.
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 PYR is a permanently charged magnet, power will never decrease, ensuring years of use. • Availabe in 2 strengths with 3" x 3" and 4.5" x 4.5" housing sizes. • Housing is packed end to end with 2" H x 2 1/2"W Magnets (3" x 3") and 3 1/2" H x 4" W Magnets (4.5" x 4.5"). • The PYR 3" x 3" will pick up a 2 ½" nail when the bottom of the magnet is 6" off the ground and the PYR 4.5" x 4.5" will pick the nail up from 9 1/4" off the ground providing plenty of pickup power performance in dirt and gravel and when operating on moving vehicles. To maximize performance we recommend setting sweeping height between 2 and 3 inches in most situations.
Vehicle Fit • Vehicle owners want a magnetic sweeper solution that fits their vehicle and maintains the vehicle's manoeuvrability.	• The PYR is designed to fit airport baggage tugs,shunt/ yard trucks, commercial trucks, pickuptrucks and street sweepers. • Available in 6 widths - 38", 50", 62", 74", 86", and 98". • The PYR comes standard with 4 hanging chainsand 8 quick links for easy mounting options. • The PYR can be front, mid or rear mounted • Maneuverability of your current equipment is not affected by attaching a hanging sweeper.



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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. • Durable long lasting design using 1/8” thick 6061 aluminum housing that wont rust if left outside. • Accessory Quick Clean off Sleeves, and all parts can be ordered on our website www.bluestreakequipment.com if needed.



PYR Specifications

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

Product Name
PYR magnetic sweeper

Sweeper Width (3” x 3” and 4.5” x 4.5”)
PYR 38 - 38” PYR 62 - 62” PYR 86 - 86”
PYR 50 - 50“ PYR 74 - 74” PYR 98 - 98”

Magnet Dimensions Inside Housing
PYR 38 (3” x 3”) - 2” H x 2 ½” W x 36” L
PYR 50 (3” x 3”) - 2” H x 2 ½” W x 48” L
PYR 62 (3” x 3”) - 2” H x 2 ½” W x 60” L
PYR 74 (3” x 3”) - 2” H x 2 ½” W x 72” L
PYR 86 (3” x 3”) - 2” H x 2 ½” W x 84” L
PYR 98 (3” x 3”) - 2” H x 2 ½” W x 96” L
PYR 38 (4.5” x 4.5”) - 3 ½” H x 4” W x 36” L
PYR 50 (4.5” x 4.5”) - 3 ½” H x 4” W x 48” L
PYR 62 (4.5” x 4.5”) - 3 ½” H x 4” W x 60” L
PYR 74 (4.5” x 4.5”) - 3 ½” H x 4” W x 72” L
PYR 86 (4.5” x 4.5”) - 3 ½” H x 4” W x 84” L
PYR 98 (4.5” x 4.5”) - 3 ½” H x 4” W x 96” L

Ground Clearance
PYR (3“ x 3“) Adjustable with a minimum of 1.75“
PYR (4.5“ x 4.5“) Adjustable with a minimum of 1.875“

Total Product Weight
PYR 38 (3“ x 3“) - 42 lbs PYR 74 (3“ x 3“) - 79 lbs
PYR 50 (3“ x 3“) - 54 lbs PYR 86 (3“ x 3“) - 91 lbs
PYR 62 (3“ x 3“) - 66 lbs PYR 98 (3“ x 3“) - 103 lbs
PYR 38 (4.5“ x 4.5“) - 126 lbs PYR 74 (4.5“ x 4.5“) - 227 lbs
PYR 50 (4.5“ x 4.5“) - 160 lbs PYR 86 (4.5“ x 4.5“) - 260 lbs
PYR 62 (4.5“ x 4.5“) - 193 lbs PYR 98 (4.5“ x 4.5“) - 293 lbs

Total Shipping Weight
PYR 38 (3” x 3”) - Box 1 of 2: 43 lbs | Box 2 of 2: 9.5 lbs
PYR 74 (3” x 3”) - Box 1 of 2: 58 lbs | Box 2 of 2: 9.5 lbs
PYR 50 (3” x 3”) - Box 1 of 2: 72 lbs | Box 2 of 2: 9.5 lbs
PYR 62 (3” x 3”) - Box 1 of 2: 86 lbs | Box 2 of 2: 9.5 lbs
PYR 86 (3” x 3”) - Box 1 of 2: 94 lbs | Box 2 of 2: 9.5 lbs
PYR 98 (3” x 3”) - Box 1 of 2: 107 lbs | Box 2 of 2: 9.5 lbs

PYR 38 (4.5” x 4.5”) - 166 lbs PYR 74 (4.5” x 4.5”) - 290 lbs
PYR 50 (4.5” x 4.5”) - 208 lbs PYR 86 (4.5” x 4.5”) - 330 lbs
PYR 62 (4.5” x 4.5”) - 248 lbs PYR 98 (4.5” x 4.5”) - 375lbs

Sweeping Height Adjustability
Yes, by changing suspension height

Mounting Point
4 D-ring hanging points with 4 chains and 8 spring clips included

Magnet Type
Permanently charged C8 magnets

Fit
Designed to fit most commercial vehicles.

Maximum Lifting Height
(Using 2 1/2” 8 penny nails)
3” x 3” - 6 inches
4.5” x 4.5” - 9 1/4 inches

Construction
Aluminum Magnet Housing

Wheels
4.5” x 4.5” - 5” Dynatread Thermoplastic Rubber wheels with polypropylene hubs and 5/8 inch ball bearings rated at 300 lbs capacity each
3” x 3” - 7” diamond tread wheel with steel hub and 1/2” ball bearings.

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