

FODMaster® F.O.D. Sweeper

(Formerly the FodBuster® Rock Sweeper - trademark of The F.O.D. Control Corporation, but always built by A Z Industries, Inc.)

Models RS-48, RS-96, and RS-150



KEEP YOUR PLANES FLYING HIGH WITH OUR EQUIPMENT.

TOLL FREE: 877-856-3042

Plus: Magnetic Sweeper Bars, Chain & Quick-Link
Mounting Hardware, Magnetic Sweeper Wheel Kit

AZ Industries Inc.

Phone: 870 856-3041 - Fax: 870 856-3590

RS-48 FODMaster® Rock Sweeper



The simple, reliable, **Low Cost, Low Maintenance Sweeping Solution** for removal of sand, rocks, metal parts, chipped concrete, asphalt, safety wire and other ferrous/non-ferrous objects on the flightline.



Your FOD removal costs will drop dramatically once you hook up one of these efficient, traction-driven units to your flightline vehicles turning them into powerful sweeping machines. All motors, hydraulic, vacuum attachments, and fuel have been eliminated as well as the man-hours, parts and downtime required to repair them.

The FODMaster® Rock Sweeper's brush drive is geared to its own wheels, so your flightline vehicle provides all the power this sweeper needs, sweeping as you go about your daily work.

It was developed for one-person operation. Our side-mounted debris hoppers can hold 40-60 lbs of collected FOD and are easy to remove, dump and return. The single crank brush adjustment, light tongue weight, fully adjustable Pintle Hook Towing Eye and adjustable support jack make hitching up and operating quick and easy. It is possible to get two jobs done for the cost of one as your flightline vehicles sweep as they go about doing their regular duties.



Sweeper operation and brush replacement instructions are silk-screened onto a large weatherproof decal located right on top of the sweeper.



RS-48 FODMaster® Specifications

Name/Part Number:

FODMaster® Rock Sweeper / Model RS-48

Options/Part Number:

Magnetic Sweeper Attachment / M-54

Replacement Brush / B-48L

50% Oversize Hoppers / OH-50

Mileage Meter / OD-48

Trailer Lighting Kit / TLK-48

Tire Fender Wells / TFW-48

Lock Out Hubs / LOH-48

Custom Paint / CPS-48

To insure the purchasing division obtains a product that meets the strict performance standards you require: attach a copy of these specifications to your requisition.

Dimensions: 9.75' x 6' x 2.5' / 3 m x 1.8 m x .75 m

Weight: 460 lb / 207 kg (empty).

Shipping Weight: 550 lb / 248 kg.

In Ocean Crate: 795 lb/ 358 kg.

Assembly: Modular. No rivets. All welded Main Frame, Brush Swing Arm, Bin and Hopper Assembly.

Frame: 1.5" X 1.5" x .120" / 3.8 cm x 3.8 cm x .30 cm square Standard Structural Steel Tubing per ASTM A513-00 AWHR/AWPO; 45,000 PSI Tensile Strength.

Two Debris Hoppers: Each is 4" x 7.5" x 22" / 10.1 cm x 19 cm x 56 cm. Side mounted for easy removal, dumping and return. Weight full each approx. 40-60 lbs / 18-27 kg (depending upon type of debris).
Material: 14 GA welded HR steel.

Towing Device: Fully adjustable 5.5" OD x 2.5" ID / 13.4 cm OD x 6.4 cm ID Pintle Hook Towing Eye. (Meets DOD Spec's.) Provides range of vertical adjustment of 21" / 53 cm to accommodate high and low vehicle bumpers and still allow optimum sweeper operation.

Drive System: Traction gearing. Tow vehicle provides all power required. No internal engine, hydraulics, vacuum or PTO.

Support Jack: Adjustable, swiveling, with wheel. Safety locks up and down positions. Jack wheel has a foot brake.

Brush Adjustment: Single hand crank, stainless steel adjusting rod and pinion block with lubrication fitting.

Tires/Wheels: 195/75R14 Steel Radials, 5-lug wheels.

Sweeping Speed: 3 - 30 MPH / 5 - 48 km/h.

Non-Sweeping Tow Speed: With brush raised 35 mph / 56 km/h. With lock-out hub option - any legal speed.

Color: Standard is Fleet White. Optional other colors. See price sheet.

Operator's Manual: Includes operating and brush replacement instructions, lubrication guide, complete exploded view drawing with numbered and indexed parts list.

RS-96 FODMaster® Rock Sweeper

We took our standard RS-48 FODMaster® Rock Sweeper and doubled the width to provide twice the sweeping path. Now your sweeping operations can become even more cost effective - clean double the area in the same amount of time.

The RS-96 uses the exact same parts as our RS-48. The only differences are the wider frame and axle, four debris hoppers rather than two (one set of two for each brush) and a small V-brush between the two main brushes. *Again, the only maintenance is lubrication and brush replacement as needed.*



RS-96 FODMaster® Specifications

Name/Part Number:

FODMaster® Rock Sweeper / Model RS-96

Options/Part Number:

Magnetic Sweeper Attachment / M-103

Replacement Main Brush / B-48S (requires two)

Replacement V-Brush / VB-96

To insure the purchasing division obtains a product that meets the strict performance standards you require: attach a copy of these specifications to your requisition.

Dimensions: 10.5' x 10' x 2.5' / 3.26 m x 3.04 m x .75 m

Weight: 780 lb / 353 kg (empty).

Shipping Weight: 990 lb / 435 kg.

Assembly: Modular. No rivets. All welded Main Frame, Brush Swing Arm, Bin and Hopper Assembly.

Frame: 1.5" X 1.5" x .120" / 3.8 cm x 3.8 cm x .30 cm square Standard Structural Steel Tubing per ASTM A513-00 AWHR/AWPO; 45,000 PSI Tensile Strength.

Four Debris Hoppers: Each is 4" x 7.5" x 22" / 10.1 cm x 19 cm x 56 cm. Side mounted for easy removal, dumping and return. Weight full each approx. 40-60 lbs / 18-27 kg (depending upon type of debris).
Material: 14 GA welded HR steel.

Towing Device: Fully adjustable 5.5" OD x 2.5" ID / 13.4 cm OD x 6.4 cm ID Pintle Hook Towing Eye. (Meets DOD Spec's.) Provides range of vertical adjustment of 21" / 53 cm to accommodate high and low vehicle bumpers and still allow optimum sweeper operation.

Drive System: Traction gearing. Tow vehicle provides all power required. No internal engine, hydraulics, vacuum or PTO.

Support Jack: Adjustable, swiveling, with wheel. Safety locks up and down positions. Jack wheel has a foot brake.

Brush Adjustment: Single hand crank, stainless steel adjusting rod and pinion block with lubrication fitting.

Tires/Wheels: 195/75R14 Steel Radials, 5-lug wheels.

Sweeping Speed: 3 - 30 MPH / 5 - 48 km/h.

Non-Sweeping Tow Speed: With brush raised 35 mph / 56 km/h. With lock-out hub option - any legal speed.

Color: Standard is Fleet White. Optional other colors. See price sheet.

Operator's Manual: Includes operating and brush replacement instructions, lubrication guide, complete exploded view drawing with numbered and indexed parts list.

RS-150 Tri-Link System for RS-48 FODMaster® Rock Sweepers

This is the Champion of Powerful, Efficient Sweepers

If you would like to take care of a big sweeping job in the shortest amount of time, the RS-150 Tri-Link System builds the team that gets it done. This gives you **maximum sweeping coverage** by utilizing three of our RS-48 sweepers covering a 11.5 ft / 3.5 m path with each sweeping pass!

This gives you the ultimate versatility when attacking FOD: you can use each RS-48 individually behind different vehicles to cover multiple areas, or link them up into this **powerhouse sweeping system** to make the most economical use of your manpower and money.

This system requires three Model RS-48 sweepers and the model RS-150 Tri-Link Connector Assembly. The RS-150 is available in your choice of ball hitch or pintle hook configuration. Easily installed on any FODMaster® you may currently own, the system may be towed by virtually any vehicle and is just as easily operated by one person as any other FODMaster®. Order now and put this powerful team to work for you.

RS-150 Tri-Link Specifications

Name: Tri-Link Connector Assembly

Part Number: RS-150 (Specify Pintle Hook or Ball Hitch).

Dimensions: 76" x 23" x 5" / 193 x 58 x 13 cm

Weight: 45 lb / 20.4 kg

Color: Fleet White. Optional other colors. Attaching hardware is included.

Be sure to attach a copy of these specifications, and those for the RS-48 Model you need to complete the System to your request for purchase. This insures your procurement section will acquire a product that meets the standards you require.



Magnetic Sweeper Bars and Mounting Kits



Shown: 115-202 - 3-ft Magnetic Sweeper Bar



Look at all the debris this picked up!

Available Sizes:

- 115-200D Rubber Wear Shield (Sold by the foot)
 - 115-201 72" Sweeper Bar
 - 115-203 54" Sweeper Bar
 - 115-204 18" Sweeper Bar
 - 115-205 72" Wheel Kit
 - 115-206 36" Wheel Kit
 - 115-207 18" Wheel Kit
 - 115-209 54" Wheel Kit
 - 115-210 24" Sweeper Bar
 - 115-211 48" Sweeper Bar
 - 115-212 60" Sweeper Bar
- Custom Sizes Available - Call or email for pricing.

Our Magnetic Sweeper Bars are a great adjunct to our Models RS-48, RS-96 and RS-150 Tri-Link Systems. If a ferrous object (nail, screw, nut, etc) somehow does not get picked up by our FODMaster®, our Magnetic Sweeper Bar will definitely pick it up. These will maximize the effectiveness of our Rock Sweepers.

These are very powerful, black anodized, PERMANENT MAGNETIC sweeper bars - no power source required. Optimal ground clearance is 3 - 5 inches (7.6-12.7cm). These are always working because they are made from permanent magnets, attracting ferrous debris wherever you drive. Great for use on airfields, shops, municipal facilities and businesses that depend on clean surroundings.



Shown: 115-202 Magnetic Sweeper Bar with 115-206 Wheel Kit

Ask for our Chain & Quick Link Mounting Hardware Set (MH-6) for easy attachment of our Magnetic Sweeper Bars on any vehicle. This hardware set will enable you to mount the sweeper bar to the vehicles frame in a matter of a few minutes.

Our **Rubber Wear Shield** is made to protect our anodized aluminum Magnetic Sweeper Bars from rough, uneven surfaces, parking lot dividers, curbs or other obstructions that may cause premature wear to the units casing. This shield can be replaced when it has been worn through to keep your Magnetic Sweeper Bar lasting a lifetime. Specify Rubber Wear Shield (115-200D) when ordering. If you order a 115-212, 60" Magnetic Sweeper Bar, you will need to order 5-feet of the 115-200D Rubber Wear Shield. This wear shield will be installed at the time of manufacturing.



NOTES

Aviation Personnel Please Note: FOD to aircraft comes from many sources. Damage from ground Foreign Objects can be minimized if you have a good program set up to keep your ground ops environment FOD Free. The FODMaster® Rock Sweepers and our other FOD controlling equipment can be combined to create and maintain an effective program...and make it happen easily and efficiently. And remember, while you can't point out one of the millions of pieces of Foreign Objects our products will remove and say "that's the one that would have caused a mishap," you can say with absolute certainty..."NONE OF THESE EVER WILL!"

One Year Limited Warranty: The parts of all FODMaster® Rock Sweeper Models are warranted by manufacturer to be free of manufacturing defects for a period of one year from original date of sale. This warranty does not apply to the brush which will gradually wear in normal daily operation, nor does this warranty apply to any condition or damage resulting from the user's neglect, alteration, non-use, or misuse of any product or part. Manufacturer's obligation under this warranty is limited to repair or replacement, as determined by manufacturer, of any part(s) of the product that are found to be defective in material or workmanship upon inspection by the manufacturer. The cost of packaging and shipping, if necessary, are not covered by this warranty and remain the responsibility of the purchaser. Manufacturer is not liable for any incidental or consequential damage arising from any manufacturing defect. Manufacturer is not liable for any damage arising from the user's failure to use, or misuse of, the product. No agent, dealer or other party is authorized to change, modify or extend the terms of this warranty.



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