



AIR
GLOBAL



GLOBAL R3^{AIR} *Regenerative Air Sweeper*

Purpose-Built, Maneuverable, Powerful, Quiet and Simple

- ▶ 12.5' Turning Radius
- ▶ Cab-Over Design with Unmatched Visibility
- ▶ Large 47" Gutterbrooms Designed to Clean the Curb
- ▶ Large 32" Diameter Impeller
- ▶ Unmatched Access to Engine and Sweeping Components
- ▶ Large 5.8 Cubic Yard Hopper with Access Door
- ▶ 100% Stainless Steel Hopper Construction
- ▶ Lots of Power with Excellent Fuel Consumption

THE ULTIMATE PERFORMANCE AND AGILITY

From the modern, comfortable and well appointed operator's cab, to the toughest and most rugged Regenerative-Air Type sweeping system ever built, the **Global R3AIR** is designed to take on the worst of the worst sweeping conditions.

The performance matched 32" Suction Fan and 72" Wide Pick-Up Head provide superior sweeping of all heavy debris quickly and efficiently. The purpose-built chassis is based on four decades of experience designing the most effective, and safe, street sweepers in the industry

The 116-inch wheelbase allows for the sweeper to reach a turning radius of 12 1/2-feet, wall-to-wall. With the pickup Head in the center you don't have to worry about what is happening behind you. **Global R3AIR** is the only 3-Wheel Air Type Street Sweeper in the market that can be utilized virtually anywhere.

Global R3AIR Standard Equipment

- Air Conditioned Cab
- In-Cab Gutterbroom Pressure Adjustment
- Front Chalmers Suspension
- Rear View Camera and LCD Monitor
- 72" Wide Pick-Up Hood, 32" Impeller
- 172HP Isuzu Turbo T4 Final Engine
- Hopper Access Door

Global R3AIR Options

- All-Wheel Suspension
- In-Cab Gutterbroom Tilt
- In Cab Gutterbroom Speed Control
- AM/FM/CD Stereo with AUX/USB Port
- Air-Ride Seat
- Hopper Wash Out System
- Automatic Greasing System
- (SCAQMD) PM-10 Water System



PURPOSE-BUILT, MANEUVERABLE, POWERFUL, QUIET and SIMPLE



THE BEST TURNING RADIUS & EXCEPTIONAL VISIBILITY With the center mounted cab/forward layout the operator has unsurpassed visibility of the road surface as well as pedestrians and surrounding traffic. The 116-inch wheelbase allows for the sweeper to reach a turning radius of 12 1/2 feet, wall-to-wall. With the pickup Head in the center you don't have to worry about what is happening behind you. The **Global R3AIR's** exceptional visibility increases operator and pedestrian safety.

THE ULTIMATE SWEEPING SYSTEM

The Sweeping system consists of 72" Wide Pick-Up Hood with Carbide Dirt Shoes, Combining both with a Large 32" Suction fan equals to one of the most powerful AIR Street Sweepers available today.



POWERFUL GUTTERBROOMS

Large 47" Digger-Type Gutterbrooms allow for superb cleaning of curbs and help guide the debris to the 72" wide Pick Up Hood. Combined with a Large 32" Suction fan equals one of the most powerful AIR Street Sweepers available today.

DUST SUPPRESSION SYSTEM

Global R3AIR includes 230 Gallon Water Tank Capacity combined with Two(2) Diaphragm Water pumps and Two(2) Modes (LOW/HIGH) provide versatility and superb dust control.



LARGEST HOPPER IN IT'S CLASS

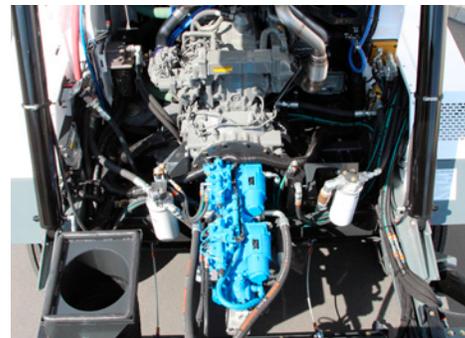
Global R3AIR includes a 5.8 cu/yd 100% Stainless Steel hopper construction, Cyclone Type Dust Separators and Swing-Down Hopper Screens are easy to clean.

GLOBAL R3AIR

PURPOSE-BUILT, MANEUVERABLE, POWERFUL, QUIET and SIMPLE

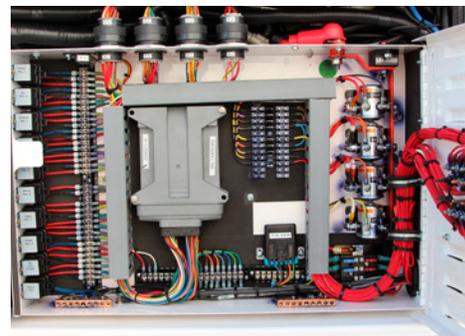


The **Global R3AIR** is designed to make routine maintenance easy, so your sweeper spends more time on the street and less time in the garage. Two swing-out center body panels provide unrestricted access to Fan Housing, maintenance and daily cleaning. A centralized, weather-proof systems locker fully protects electrical components from the elements while fender located Hydraulic system allows for easy maintenance, accessibility and inspection. Troubleshooting is now a breeze.



The **Global R3AIR** comes standard with a fuel-efficient Final T4 4-cylinder, turbocharged 172-horsepower Isuzu diesel engine, largest in its class, delivering outstanding performance and reliability.

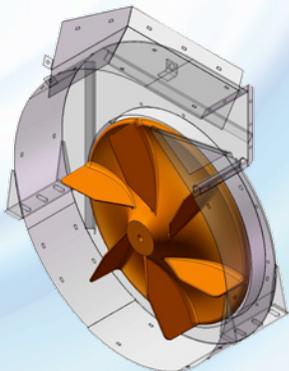
IT'S ALL IN THE OPEN Hydraulic Hoses are NOT hidden in the frame of the sweeper, while all Manifolds and Filters are located in a central location.



The **Global R3AIR** offers the best maneuverability in its class with its tight turning radius that allows the operator to maneuver easily in cul-de-sacs and close quarters.



Designed to Prevent Sand-Blasting
Designed for Durability, Easy Access,
and Long Service Life.



THE ULTIMATE AIR SWEEPING SYSTEM
Large 32" Diameter Impeller includes wear-resistant coating. The Internal Impeller Housing components include Rubber Lining. Driven Hydraulically, Impeller will reach speed of 3,000 RPM independent of Engine RPM or Sweeping Speed.

Hydraulically-Driven Fan sealed loop Air is blasted down a 12" vertical tube (Pressure Side) on the left side of the Pick-Up Hood. Debris and Air then travels to the right and Up 12" Hose (vacuum side), Enter Dust Separator, which filters fine particles from Air Stream before it reaches the blower again. Water system keeps the debris from returning to the impeller.



EASY TROUBLESHOOTING

A centralized, weatherproof systems locker fully protects electrical components from the elements while it allows maintenance staff easy accessibility for inspection and troubleshooting.

The **Global R3AIR** features many maintenance-friendly attributes, such as a rear swing-out radiator, easy access front mounted AC condenser, brake and windshield washer fluid reservoirs, and cab fresh air filter.





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