

**FUTURE SERVICES**

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Allianz  
JOHNSTON M7350

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# High Speed, High Velocity Regenerative Air Sweeper

Allianz RT655



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## The street sweeper benchmark

Allianz is the world's leading manufacturer of outdoor surface cleaning equipment. We are unique among sweeper manufacturers in that our comprehensive range of machines means we are able to offer the right product for your application—whatever you are trying to clean.

**The Allianz RT655 is designed to deliver industry-leading sweeping technology:**

- Ease of use
- Outstanding performance
- Reliability, durability
- The lowest possible cost of ownership

With durable, rugged construction, superior performance suction and a design that meets all international safety and environmental standards, the RT655 sets the global benchmark for sweeper's quality.

**Allianz**  
A cleaner  
environment  
for everyone



## Feel the Power of Regenerative Air Sweeping

### John Deere Auxiliary Engine

The RT655 comes standard with a powerful John Deere diesel engine, which meets the latest EPA emission requirements for off road diesel engines. Engine speed is managed by an electronic actuator eliminating unreliable and costly cables. Standard equipment includes a fail safe engine shutdown system for low oil pressure and high engine temperature; as well as a stainless steel muffler and exhaust pipe.

A single 58 gallon (220 L) fuel tank supplies both truck and auxiliary sweeper engine ensuring long operation without re-fueling. This rotational molded plastic tank has been designed to eliminate corrosion.

### Covered Engine Compartment

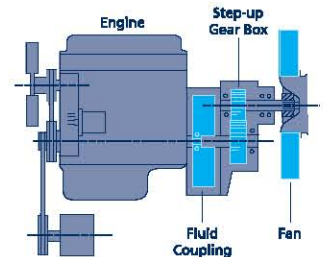
Completely covered engine pack reduces engine noise, lowers overall machine decibels, while protecting components from inclement weather and damage. Air intake drawn from the top of the sweeper ensures a clean environment for the engine, resulting in greater reliability and longer component life.

### Energy efficient blower system for fuel savings

The RT655 features a patented gearbox driven blower/fan, which eliminates belts and other high wear components, resulting in a lower cost of operation. Its patented step-up gearbox drive system increases fan speed at a ratio of 1.79:1 which:

- Results in lower fuel consumption
- Creates less engine wear and tear
- Lowers noise levels

The Step-up gearbox fan transmission system, is available with industry's most comprehensive power train warranty: a full 5 years of protection



### Turns on a Dime

The RT655 can be mounted on an assortment of Conventional and Cab Over Chassis, allowing users to standardize their fleets. Its compact design permits mounting onto a short 133" (338 cm) wheelbase truck resulting in unrivaled maneuverability.



*Tightest turning radius in its class.*

## Generous Sweeper Hopper Body.

8.5 cu. yd. (6.5 cu.m) high capacity debris hopper, with rear mounted access door, gives maximum loading capacity and greater productivity

Available in full stainless steel with a lifetime warranty against rust perforation and corrosion.

- Ensures component longevity over the life of the equipment
- Safeguards investment against corrosion and abrasion ensuring trouble free operation and a lower cost of ownership

Allianz Sweeper Company has continually set the standard for debris hopper construction, while backing them with comprehensive warranties that safeguard your investment.



*Stainless steel hopper resists corrosion*

The debris hopper is dumped via a handheld remote that permits operation from inside or outside the drivers cabin. A safety button is provided that prevents unintentional raising/lowering of the debris hopper and rear door.

The hopper tips to a 55 degree angle ensuring quick and clean dumping every time, while eliminating maintenance intensive floor scraping bars found on competitive models.

In addition, the dust separator is automatically emptied each time the hopper is tipped eliminating unreliable cables and linkages.



*Hopper tips like dump truck-eliminating wear parts*



*Handheld remote*



*Automatic body prop ensures operator or maintenance personnel safety during equipment inspection.*

## Lots of water on board

Twin molded Polyethylene plastic water tanks with 250 gallon (956 L) capacity increases productivity and is guaranteed against corrosion for life.



Water is delivered via a hydraulically driven twin diaphragm pump which can run dry without damage.

## Dust separator/hood hydrant washout

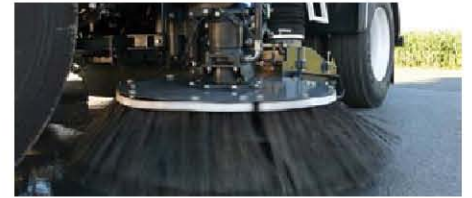
A quick connect hydrant connection is furnished as standard equipment to provide fast, easy cleaning of the dust separator, sweeping hood, pressure and suction hoses.

## Sweep Gear

The RT655 comes standard with two 43" (109 cm) diameter hydraulically driven gutter brooms. The brooms are forward facing digger style to provide the aggressive, digging action you require from a high performance road sweeper. Standard equipment includes in cab down pressure controls and variable speed broom controls so you can easily adapt to whatever is thrown in your way. Optional broom tilt angle controls are provided via a cab controlled hydraulic actuator.

The gutter brooms feed the widest sweeping hood in the industry; a full 93" (236 cm). The hood features an in cab control 'hovering' feature for collection of bulky litter and trash. Twin 14" (36cm) diameter pressure and suction hoses ensure even the largest debris is collected.

No need to raise sweep gear when reversing. The RT655 design allows sweeping in reverse without worrying about damaging the sweep gear.



*Gutter brooms variable speed control from within the cab rotate from 0 -100 RPM. Optional Gutter broom tilt angle adjustment*

## Ergonomic control box

The RT655 features the most modern and simple control box in the industry.

A single master sweep control 'ergo' switch raises/lowers, stops/starts all sweeping functions. Water can be automatically selected with each broom/sweeping function, eliminating switches and wires.



*Single touch master control all functions*

## Simple design – Easy maintenance

Today's customers demand safety, economy, operator comfort, and simplified maintenance. The RT655 is engineered for easy maintenance. No need to hunt and crawl all over our machine, the RT655 has been designed logically. Common components are centrally located and grouped. All systems feature LED status indicators on control solenoids, and built in test ports for fast, easy diagnostics. Color coded electrical harnesses and pneumatic lines are another little touch that saves you time and money. Electrical connectors are set to an industry leading IP67 standard to operate in the harshest of environments.

### Options

- High pressure washdown systems (*top photo*)
- High pressure street washing option (*middle photo*)
- Rear catch basin hose (*bottom photo*)
- Rear lightweight litter hose
- In cab broom tilt angle controls
- PM10 Dust containment system
- Reverse camera system
- Beacons/strobes
- Rear mounted arrow boards/Arrowstick

**Other options available, please consult factory**



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