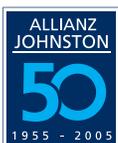




# Sweeping Never Looked So Good

Allianz Johnstone MS350

Allianz Johnstone MT350



Manufacturers and distributors:  
Allianz Sweepers & Johnstone Sweepers

# Allianz Johnston - The benchmark for sweeper quality

48

HOUR

USA AND CANADA  
PARTS SHIPMENT

30

THOUSAND

PARTS IN STOCK  
WORLDWIDE

125

STRONG

WORLDWIDE  
CUSTOMER SERVICE  
NETWORK

Allianz Johnston 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 MS350/MT350 are designed to deliver industry-leading sweeping technology:

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

With durable, rugged construction, high performance and a design that meets safety standards, the MS350 & MT350 set the global benchmark for truck-mounted sweeper quality.

## Higher standards

The quality of our single (MS350) and twin (MT350) version engine is matched only by the high standard of our premium quality after sales support. You can always be sure that your MS350 or MT350 Sweeper will continue to provide maximum performance and productivity.

## Lower costs

Add low depreciation rates and high residual values and you will see how Life Cycle costs of the MS350 /MT350 are kept to a minimum.

Allianz Sweeper's commitment to environmental issues is also a key part of our manufacturing philosophy. Recycling, energy efficient processes and a "Green Supplier" policy reduce waste and contribute to a cleaner workplace that is kinder to the environment.

RIGHT  
**Allianz Johnston**  
*A cleaner  
environment for  
everyone*





## MS350/MT350

### Simply Rugged and Dependable

Allianz Johnston, the world's largest manufacturer of street sweepers, introduces the mechanical truck-mounted MS350/MT350 sweeper. Incorporating years of engineering expertise across several continents, the MS350/MT350 is simply rugged and dependable.

- The MS350 (Single Engine) features a Cat C7 230 hp diesel engine for exceptional performance.
- The MT350 (Twin Engine) features a rugged and dependable John Deere 70 hp auxiliary diesel engine.

### You are in control

Complete OEM dual power steering system with complete identical dual gauges at each operator's position permits operation from either side of cab.

### Generous Sweeper Hopper Body

- Large debris hopper and water tank capacity increase productivity.
- Hydraulically operated discharge door automatically opens when the container is tilted. Discharge door is 41" in length to help position the debris load into the center of the dump truck.
- Variable height debris dumping system from ground level up to 120" is safe and simple.
- Optional 138" Ultra high dump for special applications.

RIGHT  
**MS350/MT350**  
Dual power steering system for increased productivity



RIGHT  
**MS350/MT350**  
Variable height debris dumping system from ground level up to 120 in.  
Optional 138 in. ultra high side dump available.



# Simply Rugged and Dependable

## Turn on a dime

- Short, 128" wheelbase design results in outstanding maneuverability.

## Longer sweeping runs

- 60-gallon fuel system permits greater travel and more on-site sweeping time.

## Central System Locker

- Centralized service systems locker is a weatherproof side locker for the sweeper's pneumatics and hydraulics which means simplified maintenance and easy troubleshooting.

## Main Broom

- 34.5" diameter and 58" in length, the broom is hydraulically driven at a constant speed with adjustable pressure and flotation system and has four water spray jets for dust control.
- Direct hydraulic broom drive eliminates wear parts, which results in lower operating cost.

## Gutter brooms – Dual

- Dual 44" diameter gutterbrooms with in-cab down pressure controls scour the road surface, while cleaning a 10-foot wide path.
- Optional 12" extended reach for each broom.
- Digger style brooms mounted just forward of the rear wheels to minimize trailing.
- Brooms are pneumatically raised and lowered and with locks for transport.
- "Non-handed" design allows interchangeable parts from left to right and feature three water spray jets for dust control.

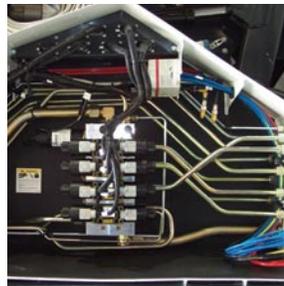
## Dirt Conveying System

- Dirt conveying system has an in-cab raise and lower, hydraulic height adjustment to permit sweeping of leaves and bulky trash.
- The squeegee type design, 58" width conveyor comes with an in-cab stall alarm.
- Arched conveyor floor ensures constant contact with squeegee blade.



ABOVE  
*Polyethylene water tank capacity is 375 gallons and baffled to minimize stress related movement*

RIGHT  
*To reduce fuel consumption, the sweeper's working speed is 2000 rpm*



FAR LEFT  
*60-gallon fuel system permits greater travel and more on-site sweeping time*

CENTER  
*44 in. dual gutterbrooms come with an in-cab down pressure adjustment*

LEFT  
*All sweep system pneumatic valves are located in a weatherproof systems locker*

# Sweeper controls second to none

## Water System

- Water tank capacity is 375 gallons and constructed of polyethelene and baffled to minimize stress related movement.
- Water pump is self priming and not subject to damage when operated dry.



TOP  
Most comprehensive warranty in the industry

## Cab comforts

- Features heater with full width defrosters, fresh air ducts and variable speed fan.
- Dual, two speed electric intermittent windshield wipers with washers, operable from either side.
- Two West Coast type mirrors 6" x 16"
- Two 8" convex mirrors allow operator full view of sweeping equipment.
- Factory air conditioner
- Optional AM/FM stereo cassette/CD



## Sweeper Controls

- Allianz's "ergo" switch permits one-button operation for all sweeping functions, resulting in safe and simple operation.
- Centralized sweeping control panel pivots for ergonomic access for either left or right side operation.
- Engine speed is controlled from the cab by a pneumatic actuator (MT350).
- Engine standard equipment includes a tachometer and hour meter and push button keyless operation (MT350).
- Three position switches control gutter brooms, conveyor and main broom. Positions one and two are for raising and lowering, while position three activates water system.
- Warning lights and and shutdown are furnished for low oil pressure, high water temperature.

BELOW  
Centralized sweeping control panel pivots for ergonomic acces on either left or right side.

BOTTOM  
4.5 cubic yards hopper capacity





## Allianz quality keeps you up and running

### Transmission

**MT350** Transmission is an Allison 2500RDS series automatic with return line filtration,

**MS350** transmission is an Allison 3500RDS.

### Powerpack

To reduce fuel consumption, the sweeper's speed is 2000 rpm

### Suspension

Chalmers CSI 1023 rubber spring type.

### Air System

All sweep system pneumatic valves are housed in a weatherproof systems locker and activated by cab mounted rocker switches.

### Warranty

- 1 year warranty, 100% parts and labor.
- The sweeper auxiliary engine carries a two-year warranty.
- The basic vehicle & drive train are warranted by the manufacturer for 2 years.

MAIN

Main Broom is 34.5" diameter and 58" in length

ABOVE LEFT

Large debris hopper and water tank capacity increases productivity

ABOVE

Broom is hydraulically driven at a constant speed with adjustable pressure and flotation system



### Outline Specification MS350/MT350 Mounted on Freightliner M2 Cab

<b>Engine:</b>	Single Engine : Cat C7 230hp diesel Twin Engine : Cat C7 190hp diesel John Deere diesel auxiliary engine
<b>Brooms:</b>	44 in. (1117mm) dual gutterbrooms with in cab down pressure adjustment. Main broom , 58 in. (1473 mm)
<b>Hopper Capacity:</b>	4.5 cubic yards (4 m <sup>3</sup> )
<b>Sweeping path:</b>	120 in. (3038 mm) Optional 12 in. (304 mm) extended brush reach for each broom.
<b>Water Tank:</b>	375 gal (1419 L), polyethelene construction
<b>Other:</b>	Centralized service systems locker, hydraulically driven dirt conveyor, 128 in. (3251 mm) wheelbase, 33,000 GVWR. Variable side dump up to 120 in. (3038 mm) Optional 138 in. (3505 mm) Ultra high dump available.

RIGHT  
Engine speed is controlled from the cab by a pneumatic actuator.

FAR RIGHT  
Short, 128" wheelbase design results in outstanding maneuverability

BELOW  
MS350/T350 at work, sweeping millings



## ALLIANZ'S COMMITMENT TO YOU

Our guarantee of service and performance continues long after the sale:

- Most comprehensive warranty in the industry
- Guaranteed 48-hours parts shipment
- State-of-art training facility

## 125 DEALERS ACROSS 82 COUNTRIES ARE READY TO SERVE YOU.

Our extensive network of authorized dealers are carefully selected, highly trained, and thoroughly committed to provide a level of customer service and support that is unmatched in the sweeper industry.

That's your assurance of maximum road time, low operating cost per mile, and a thoroughly satisfying, long-term relationship with your sweeper company.



**Call today for a free catalog, video or demonstration.  
Call TOLL FREE: 1-800-862-3822**

Your local Allianz Johnston Dealer is:

### **Allianz Sweeper Company**

4651 Schaefer Avenue, Chino  
CA 91710, USA

1690 Eiffel, Boucherville,  
Quebec J4B 7W1, Canada

**Toll-Free** 1 800 862-3822

Tel.: 1 (450) 616-8100

Fax: 1 (450) 616-8103

E-Mail: [info@allianzsweeper.com](mailto:info@allianzsweeper.com)

Web: [www.allianzsweeper.com](http://www.allianzsweeper.com)



Specifications subject to change without notice.  
Allianz® are registered trademarks of Allianz Sweeper Company.  
Printed in Canada ©2007 Allianz Sweeper Company.  
PLEASE NOTE: All line drawings herein are approximations for general comparisons only.  
Please consult manufacturer for accurate dimensions/specifications.

Part #: P2405  
Revision #1 - 12/06