

# RS 501™

Compact Vacuum Sweeper

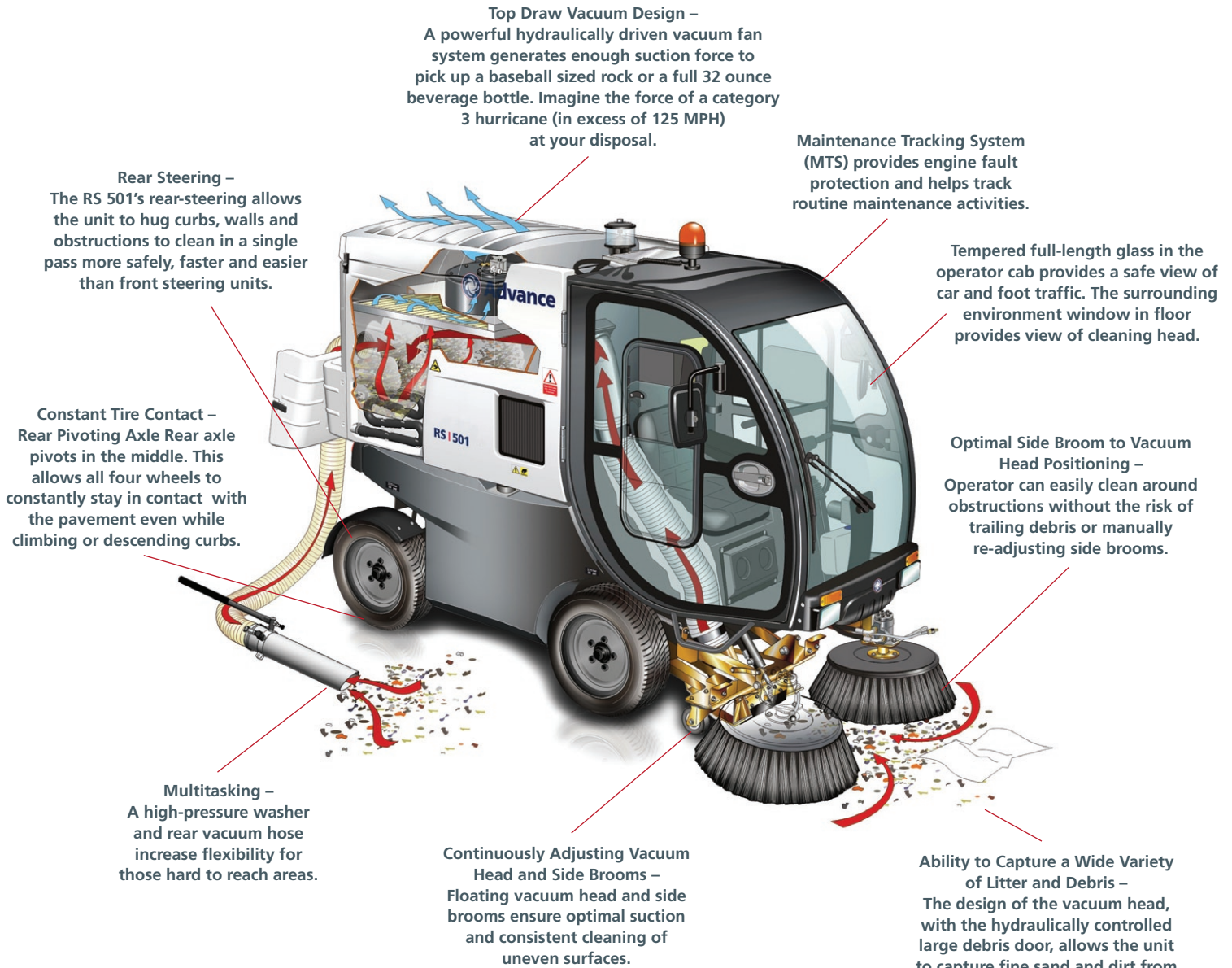


Smart cleaning.

A Nilfisk-Advance Brand

 **Advance**  
Industrial Cleaning Equipment

# Powered with a Kubota Turbo Diesel Engine.



Low clearance design is ideal for parking garages.



Rear steering makes cleaning around obstructions easy, safe and efficient.



Quickly and easily cleans high volumes of litter and debris from large open areas.



# RS 501™

## Compact Vacuum Sweeper

### Power & Agility... The Advance RS 501™

First impressions matter. The appearance of the grounds of your facility, campus or municipality send a strong message. With a little help from the Advance RS 501, you can ensure the message is positive.

The Advance RS 501 all season wet/dry sweeper stands alone in its category. Equal parts power and agility, the RS 501 not only gets to places other outdoor sweepers can't, it picks up debris that the others either miss or simply can't handle.

The keys to the RS 501's performance are its exclusive rear steering capabilities and its top draw vacuum design. The rear-steering design enables the RS 501 to quickly and deftly maneuver more closely to curbs, buildings and other obstacles while its top draw vacuum design resists clogging and delivers awesome suction power.



### Ideal applications include:

- Campus Settings
- Municipalities
- Airport, Train and Bus Stations
- Parking Facilities
- Amusement Parks, Stadiums and Casinos
- Cleaning Contractors
- Government Facilities

### FEATURES AND BENEFITS

**Compact, powerful outdoor rider vacuum sweeper.**

**Cleans any paved outdoor environment.**

**Unique rear steering increases cleaning productivity.**

**The most powerful suction in its class.**

**Multi task machine.**



## Technical Specifications

Model	RS 501™
Cleaning Path	65 in
Hopper Capacity Volumetric	1 yd <sup>3</sup> / 27 ft <sup>3</sup>
Debris Capacity	0.65 yd <sup>3</sup> / 17.7 ft <sup>3</sup>
Hopper Construction	Stainless Steel
Maximum Dumping Height	54.3 in
Water Tank Capacity	63 gal
Steering	Rear with power assist
Maximum Speed	Variable to 12.5 mph
Minimum U-turn, Wall to Wall	197 in
Minimum U-turn, Curb to Curb	184 in
Operator View of Cleaning Head	Direct sight line through glass floor
Transmission	Hydrostatic front wheel drive.
Side Brush Diameter	28.3 in
Engine Fuel / HP / Cylinders	Diesel, 44.2 hp @ 3,000 RPM, 4 cyl
Engine Manufacturer / Model	Kubota V1505T, Turbo, complies with EPA interim tier IV emission regulations.
Fuel Tank Capacity	8 gal
Chassis	Purpose built - welded frame, painted for corrosion protection.
Maximum Climbing Grade	22% / 12.4 degree
Length - Frame	116 in
Width - Frame	51 in
Height - Frame	78 in - accessible to most parking ramps
Weight Empty	3,748 lb
Max Operating Weight	4,916 lb
Vacuum Air Speed	In excess of 125 mph - Equivalent to category III hurricane force winds.
Suction Tube Diameter	7 in
Maximum Theoretical Production Rates at 6.5 mph	186,000 ft <sup>2</sup> /hr
Vacuum System	Hydraulically driven vac fan located at the top of hopper for maximum air flow until hopper is full. Debris does not pass through fan.
Dust Suppression	Three stage: water curtain at brooms and in vacuum head, plus stainless steel screens and deflection plate in the hopper.
Pressure Washer	Variable to 3,000 psi pressure with self retracting 25 ft hose.
Rear Vacuum Hose	137 in length with 4.5 in diameter
Enclosed Cab	Tempered glass. Includes heater and air conditioner

Specifications are subject to change without notice.

### Standard Features:

- Three Stage Dust Suppression System
- Simple and Intuitive Operator Controls
- Rear Vacuum Hose
- High-pressure Washer
- Air Conditioning
- Seat Belt
- All-tempered Glass Operator Cab
- Rear Bumper
- Head and Tail Lights for Night Cleaning
- Backup Alarm
- Maintenance Tracking System (MTS)

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### Optional Accessories:

- Rear View Camera System

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