

# Advance RS 1300™

Compact Vacuum Sweeper



## FACT SHEET



### Advance RS 1300™ For Powerful, Versatile Outdoor Cleaning

Rid your outdoor environment of unsightly dirt, debris and even serious litter—and at the same time keep your labor costs down—with the heavy-duty power of the Advance RS 1300™ rider vacuum litter sweeper.

Watch your outdoor litter be swept away by the powerful three-broom system on the RS 1300™ vacuum sweeper, all with proven technology that has rid outdoor surfaces around the world of wet and dry debris alike.

### Bigger payload & larger sweep path combine for maximum cleaning effectiveness

The RS 1300 vacuum litter sweeper provides you with maximum cleaning capacity that ranges from a 63 inch to 83 inch wide sweeping path. In addition, operators have the ability to clean two surface levels simultaneously with the unit's third broom, which can be elevated to various heights for different cleaning functions.

### Top-draw™ design boosts cleaning results

The top-draw design of this unit contains a high-performance hydraulic vacuum fan which is located above the hopper, which produces powerful suction and airflow so debris does not pass through the vacuum fan. In addition, the rugged suction head (located between the front tires) channels and concentrates the vacuum air flow to capture large debris such as bottles and rocks, as well as fine particles. Operators can adjust the vacuum head (which glides on three swivel casters) to more efficiently channel debris and maximize cleaning efforts.

### Curb-Hugger™ rear-steering

The unique curb-hugger rear-steering system found on all Advance RS vacuum sweepers allows the machine operator to keep the machine brooms against curbs and other obstructions and navigate around sharp corners without leaving any litter behind.

### Superior Dust Control

The RS 1300 vacuum sweeper also provides excellent dust control with its three-stage dust suppression system that minimizes fugitive dust emissions. The system includes large water reservoirs, reducing unproductive time for tank refills.

### Easiest and safest operation available

The RS 1300™ vacuum sweeper features an enclosed cab with more glass area for clear and safe visibility and year-round sweeping. This machine is easy to operate with an easy-to-learn three-step cleaning system that assures optimum performance. And with the machine's compact frame and tight turning radius, the unit is ideal for debris pick-up in congested areas.

### STANDARD FEATURES INCLUDE

- 89.8 hp diesel engine
- Two large water tanks
- Two side brooms
- Three stage dust suppression system
- Simple and intuitive operator controls
- All-tempered glass operator cab
- Curb-hugger rear steering with rear pivoting axle
- 46 cubic feet capacity high dump stainless steel debris hopper
- 63 inch sweeping path
- Rear bumper
- Head and tail lights for night cleanup
- Air conditioning
- Video Camera for Extended Operator View
- High-pressure Washer
- Seat Belt
- Vacuum Hose
- Maintenance Tracking System (MTS)

### TYPICAL APPLICATIONS INCLUDE

- Corporate or college & university campuses
- Municipalities
- Amusement/entertainment
- Transportation or parking areas

### OPTIONAL EQUIPMENT

- Snow Broom
- Salt Spreader
- Third Broom



The third broom provides the ability to clean on two different surfaces simultaneously. The result is real versatility with outstanding cleaning results.

# Advance RS 1300™

## Compact Vacuum Sweeper

Unlike other outdoor rider vacuum sweepers, the RS 1300™ vacuum fan channels debris in one pass without the debris passing through the fan.

Tempered full-length glass in the operator cab provides a safe view of car and foot traffic and the surrounding environment. An optional camera is available on the RS 1300™ so the operator can see underneath and behind the machine.

Maintenance Tracking System (MTS) provides engine fault protection and helps track routine maintenance activities.

A 40 cubic foot stainless steel high dump hopper reaches heights up to 63 inches, for effortless emptying into almost any compactor, dumpster or bin.

Unique rear-steering and tight turning radius allows the machine to hug curbs, which means no missed debris.

An 89.8 hp diesel engine carries the machine over challenging surface variations and up climbing grades of up to 24%.

Effective three stage dust suppression system utilizes the two side brooms and water in unison, by spraying water at the side brooms and vacuum head to knock down the airborne dust, and a metal screen within the hopper prevents the water-laden dust from escaping the hopper.

Third broom provides an 83 inch sweeping path and the ability to clean on two different levels simultaneously.

Side brooms channel debris inward, allowing the operator to sweep close to curbs and walls on either side of the machine.

Unmatched in its class, the powerful suction of this vacuum sweeper captures heavy dirt, litter and debris.

- Our products are designed using innovative technology that increases productivity and drives down the cost to clean.
- You can get expert service and maintenance for your Advance machines from factory-trained personnel around the world. Fast parts delivery, too.
- Maintain peak performance with Nilfisk Genuine OEM Parts.

 Nilfisk *Genuine OEM Parts*

## Technical Specifications

<b>Model</b>	RS 1300™
<b>Cleaning Path</b>	63 in
<b>Cleaning Path w/ 3rd broom</b>	83 in
<b>Third Broom Diameter</b>	30.7 in
<b>Hopper</b>	1.5 yd <sup>3</sup> / 40 ft <sup>3</sup>
<b>Hopper Construction</b>	Stainless Steel
<b>Dumping Height</b>	Variable to 63 in
<b>Water Tank Capacity</b>	63 gal
<b>Steering</b>	Rear-Power
<b>Maximum Transport Speed</b>	Variable to 14.3 mph
<b>Minimum U-turn, Wall to Wall</b>	260 in
<b>Minimum U-turn, Curb to Curb</b>	248 in
<b>Operator View of Cleaning Head</b>	Mirror with Optional Camera
<b>Transmission</b>	Fully Hydrostatic to motors on front wheels
<b>Side Broom Diameter</b>	25.6 in
<b>Engine / HP / RPM / Cylinders</b>	Diesel, 89.8 hp @ 2,300 RPM, 4 cyl
<b>Engine Manufacturer / Model / EPA</b>	Detroit Diesel / VM D754IE3 Turbo Charged / Tier III compliant
<b>Fuel Tank Capacity</b>	20 gal
<b>Max. Climbing Grade</b>	24% / 13.8 degree
<b>Length - Frame</b>	168 in
<b>Width - Frame</b>	59 in
<b>Height - Frame</b>	90.2 in
<b>Weight Empty</b>	5,511 lb
<b>Max Operating Weight with Operator</b>	8,818 lb
<b>Airflow</b>	700 ft <sup>3</sup> /sec
<b>Suction Tube Diameter</b>	7 in
<b>Maximum Theoretical Production Rates at 6.5 mph</b>	237,470 ft <sup>3</sup> /hr
<b>Vacuum System</b>	Hydraulically driven vac fan located at the top of hopper, not in the waste stream
<b>Dust Suppression</b>	Three stage: water curtain at brooms, and in pipe plus screens in the hopper
<b>Part Number</b>	13300123

Specifications are subject to change without notice.



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Manual vacuum hose for cleaning in tight areas is a great multi-tasking option that provides workers with more cleaning flexibility, without the use of additional workers.



A snow broom can be added for winter surface maintenance and year-around productivity, allowing you to benefit from your investment all year long.



The machine's stainless steel multi-dump hopper is 40 cubic feet and reaches dump heights up to 63 inches, for effortless emptying into almost any compactor, dumpster or bin.



The high-pressure cleaning wand enables the unit to handle heavily soiled surfaces.



recyclable