

# Advance Exterra®

Rider Sweeper



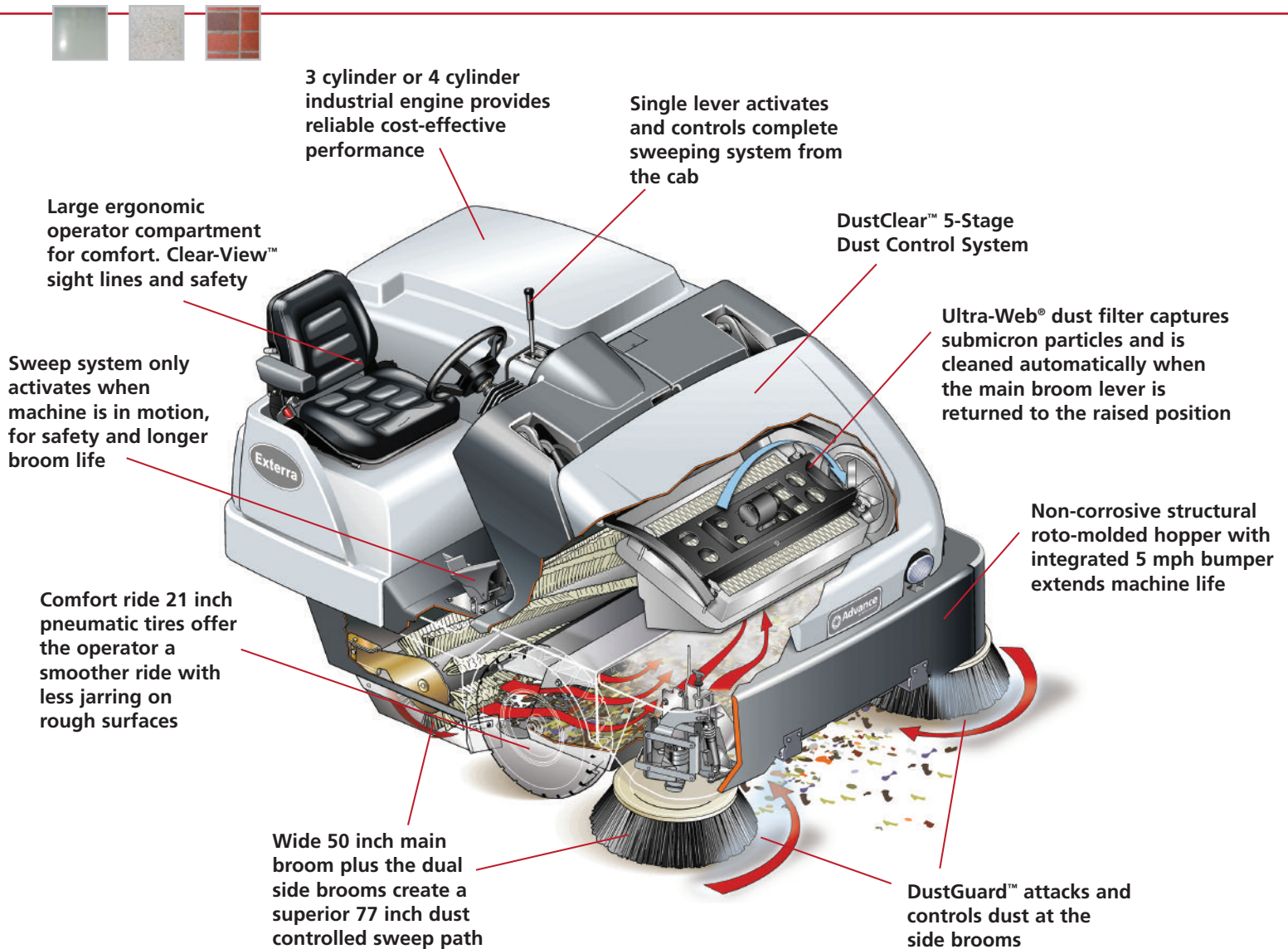
Advance Exterra® redefines power sweeping  
with exclusive DustClear™ Five Stage  
Dust Control System

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**Bortek**  
INDUSTRIES, INC.

# Advance Exterra® Redefines Power Sweeping



DustGuard™ suppresses airborne fugitive dust allowing continuous use, and increasing productivity by up to 71%.



For optimal safety, the operator controls the hopper safety arm from the seat. The sweeping systems automatically shut down when the machine stops.





## Superior Dust Control and Productivity...

The Advance Exterra® is unsurpassed in indoor and outdoor power sweeping. A 50 inch main broom – the widest in this sweeper class – combined with full time dust controlled dual side brooms\*, creates an incredible 77 inch sweep path.

On conventional machines, dust is controlled at the main broom and, the side brooms must be raised in open areas to prevent airborne fugitive dust. The Exterra is not a conventional machine. The innovative DustClear™ Five Stage Dust Control System allows for full time use of the dual side brooms by controlling dust along the entire sweep path – including the side brooms. Productivity is then increased by up to 71% compared with conventional sweepers that control dust only at the main broom.

With superior dust control, innovative safety features, low maintenance costs, and ease of operation, the Advance Exterra redefines power sweeping.

\*Optional features

## Features and Benefits

### Unique, Patented DustClear™ Five Stage Dust Control System –

1.) DustGuard™ at the side brooms, 2.) Vacuumized Main Broom Chamber, 3.) Airflow Labyrinth, 4.) Nanofiber Technology Dust Filter, and 5.) Airflow Restoration System all for dust control performance unsurpassed in the industry.

**MaxAccess** – Minimizes downtime and maximizes efficiency, reliability and longevity through quick and easy access to all engine and hydraulic components.

**Easy To Operate** – One-Touch™ controls and a single foot pedal controls direction plus activates the main and side brooms and offers the operator the easiest machine to use in the industry.

**Clear-View™** – Offset hopper allows the operator to view the side broom and the area in front of the sweeper without having to lean outside the frame of the machine making it safer to use.

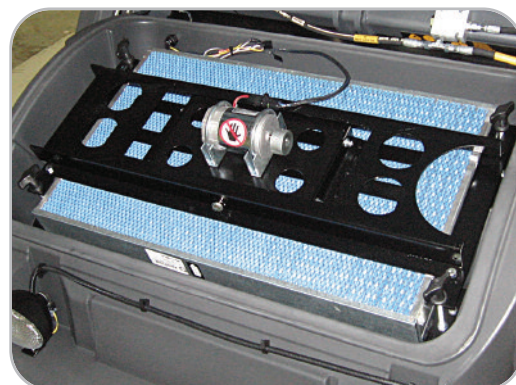
**Operator Safety** – Hopper safety arm is controlled from the operator's compartment. Operator is safe from moving parts through the interlocking engine cover. Impact-adsorbing body structure and 5 mph bumper provides the ultimate in operator safety.



The optional all weather cab keeps the operator comfortable and productive. Clear-View™ window in the cab provides a safe view of the right side broom.



MaxAccess allows faster repairs and less downtime so the sweeper spends less time in the shop and more time sweeping.



Ultra-Web® dust filter is >98% efficient on 0.3 - 1 micron dust. This meets MERV 13 on the ASHRAE 20 point scale.

### Air Quality Features:

- DustGuard™ "fog" suppresses airborne fugitive dust for a cleaner environment\*
- Ultra-Web® filters submicron particles for a cleaner sweep

### Safety Features:

- Independent testing lab, ETL certified for safety
- Low 83 dBA sound level

### Sustainability Features:

- Constructed of materials that can be recycled
- Automatic return-to-idle engine feature conserves fuel and lowers total emissions
- Sweep system off in neutral feature can extend broom life by 30%

\* Must order DustGuard™





## The Advance Exterra® Rider Sweeper

- Redefines power sweeping with exclusive DustClear™ Five Stage Dust Control System
- Up to 71% higher productivity than conventional sweepers
- Lowers the cost to clean
- DustGuard™ uses “fog” to suppress dust from side brooms
- Ultra-Web® filter captures submicron dust

### Industrial Strength Solutions...

- Our products are built tough and feature innovative technology that increases productivity and drives down the cost to clean.
- Expert service and maintenance for your products is available by factory-trained personnel around the world, as well as fast parts delivery.
- Maintain peak performance with Nilfisk Genuine OEM Parts.

Nilfisk Genuine OEM Parts

## Optional Accessories

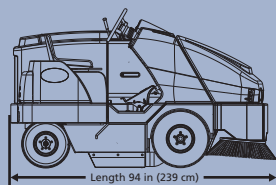
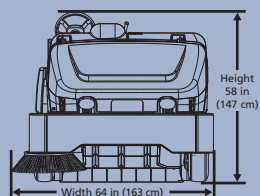
- Left Side Broom
- DustGuard™ Side Broom “Fog” System
- Litter Vac
- Fire Extinguisher
- Hopper High Temp Sensor
- Raised Air Intake
- Foam Filled Tires
- Backup Alarm
- Brake / Turn Signals
- Work Lights
- Amber Strobe
- Overhead Guard
- Fully Enclosed Cab with Optional Pressurizer, Heater, and A/C
- Suspension Seat with Arm Rest
- Floor Mat
- Metal Hopper Liner
- Seat Belt
- Tilt Steering Wheel
- Clogged Filter Indicator



Litter Vac option allows the flexibility to clean around obstructed areas.

## Technical Specifications

Models	Exterra® 3 cyl	Exterra® 4 cyl
<b>Sweeping System</b>		
Cleaning Path - Single Side Broom	65 in (165 cm)	65 in (165 cm)
Cleaning Path - Dual Side Brooms	77 in (196 cm)	77 in (196 cm)
Main Broom Length	50 in (127 cm)	50 in (127 cm)
Side Broom Diameter	24 in (61 cm) or 26 in (66 cm)	24 in (61 cm) or 26 in (66 cm)
<b>Debris Hopper</b>		
Volume	14 ft³ (396 L)	14 ft³ (396 L)
Dump Height	60 in (152 cm)	60 in (152 cm)
<b>DustClear™ Five Stage Dust Control System</b>		
<b>Stage 1</b> DustGuard™	Side broom “fog” system 14 gal (53 L)	Side broom “fog” system 14 gal (53 L)
<b>Stage 2</b> Vacuumized Main Broom Chamber	Captures all dust kicked up from the main broom	Captures all dust kicked up from the main broom
<b>Stage 3</b> Airflow Labyrinth	Removes 90% of dust from the air stream	Removes 90% of dust from the air stream
<b>Stage 4</b> Ultra-Web® Nanofiber Filter	>98% efficient on 0.3 - 1.0 micron particles	>98% efficient on 0.3 - 1.0 micron particles
<b>Stage 5</b> Airflow Restoration System	Aggressive, full filter shake vibration	Aggressive, full filter shake vibration
<b>Power System</b>		
Engine		
Gasoline/LP	Kubota, 0.96 L, 31 hp	GM, 1.6 L, 56 hp
Diesel		Kubota, 1.5 L, 35.5 hp
Ramp Climbing		
Transport	20% 11°	25% 14°
Sweeping	15% 8°	25% 14°
<b>Dimensions</b>		
Tires		
Front (2)	21 in (53 cm) pneumatic	21 in (53 cm) pneumatic
Rear	18 in (46 cm) pneumatic	18 in (46 cm) pneumatic
Aisle U-turn (left)	109 in (277 cm)	109 in (277 cm)
Length	94 in (239 cm)	94 in (239 cm)
Width	64 in (163 cm)	64 in (163 cm)
Height without OHG	58 in (147 cm)	58 in (147 cm)
Height with OHG	82 in (208 cm)	82 in (208 cm)
Height with Cab	79 in (201 cm)	79 in (201 cm)
<b>Net Weight</b>	2,700 lb (1,225 kg)	2,700 lb (1,225 kg)
<b>Sound Level</b>	81 dB A at operator's position	83 dB A at operator's position
<b>Safety Test Lab Label</b>	ETL	ETL



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