

Proterra™

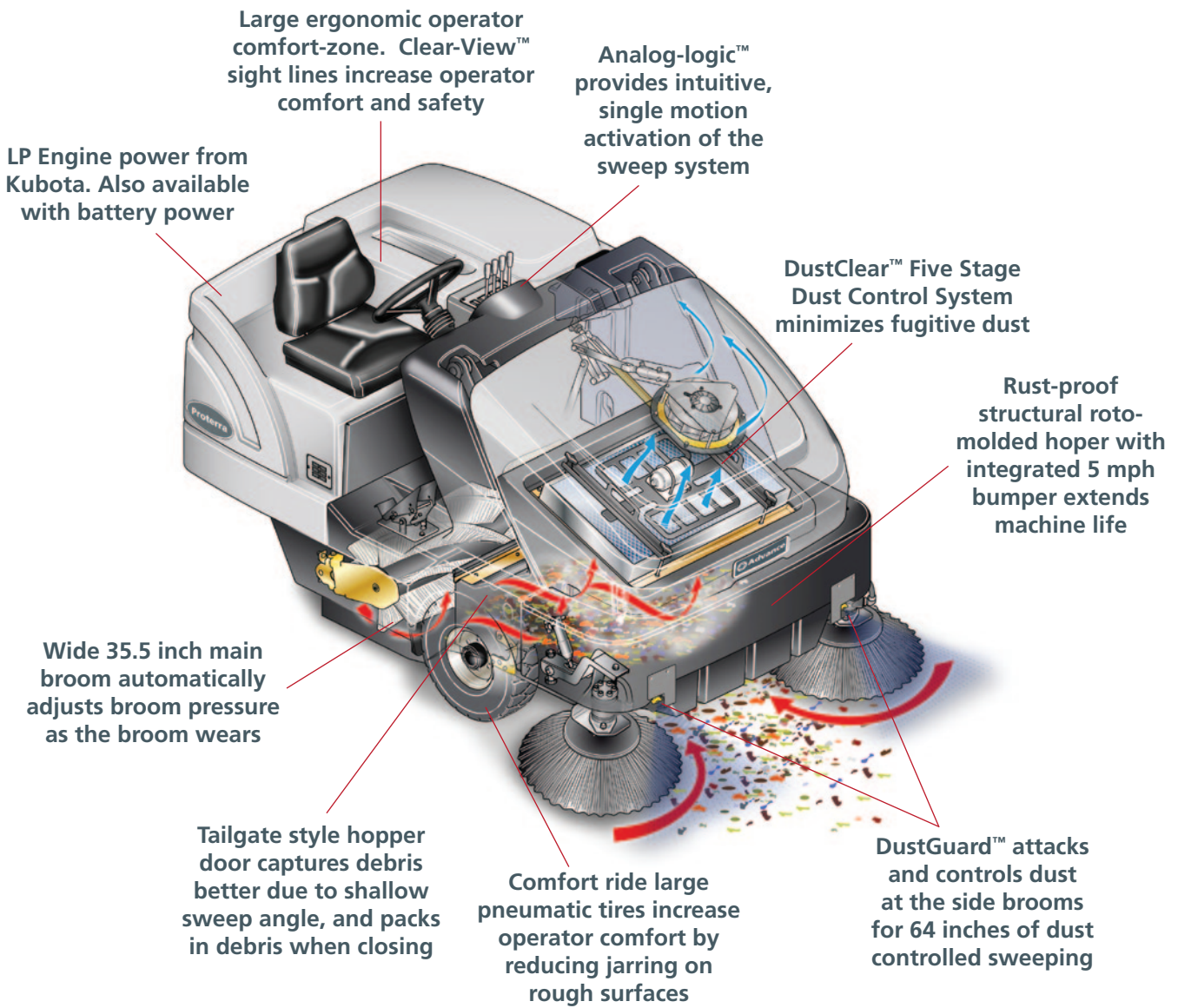
Rider Sweeper



Smart cleaning.

A Nilfisk-Advance Brand





Variable dump height of up to 62 inches allows fast and simple disposal of swept debris



DustGuard™ suppresses airborne fugitive dust where most dust is generated – at the side brooms



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

Proterra™ Rider Sweeper

Simple, productive, comfortable, reliable with incredible dust control.

The Advance Proterra™ is the ideal solution for industrial sweeping applications from factories to warehouses, parking garages to foundries and many more. The unique design makes fast work of sweeping a facility with its large cleaning path, excellent maneuverability and high capacity hopper. An ergonomic operator interface and the unique Clear-View™ sight line of critical sweep areas ensures hours of safe and comfortable sweeping.

The Advance Proterra comes equipped with DustGuard™*, part of the DustClear™ Five-stage Dust Control System. Unlike conventional mechanical broom sweeper technology, DustGuard addresses dust at its greatest source – the side brooms – through a fine “fog” that is applied to suppress the dust. The result is a dust controlled sweep path that is 75% more productive than its nearest competitor.

With superior dust control, innovative safety features, low maintenance costs, ease of operation and increased productivity, the Advance Proterra is the ideal solution for addressing your industrial sweeping needs.

*Optional feature



Ergonomic operator interface uses Analog-logic™ which allows a single operator motion to lower and activate the main broom and side brooms and open the hopper door.



Patent pending Liberator™ Variable Frequency Filter Shaker System removes dust more effectively from the panel filter, resulting in better air flow and dust control.

Ideal applications include:

- Warehouses
- Manufacturing Facilities
- Indoor/Outdoor Parking
- Construction Cleanup
- Transportation Facilities
- Entertainment Facilities

FEATURES AND BENEFITS

Unique, 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 with Liberator™ variable frequency filter shaker.

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

Easy To Operate – Set-‘N-Forget™ main broom linkage allows you to set the main broom sweep pressure once for an application and not have to adjust it as the broom wears. Analog-logic™ controls simplify operation and reduce training time.

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 safe and comfortable to use.

Operator Safety – Hopper safety arm is controlled from the operator’s compartment. Operator is safe from moving parts through tip-back engine cover. Impact-absorbing body structure and 5 mph bumper provide the ultimate in operator safety.



Technical Specifications

| Models | Proterra™ Engine | Proterra™ Battery |
|--|---|--|
| Sweeping System | | |
| Cleaning Path – Single Side Broom | 51 in (128 cm) | 51 in (128 cm) |
| Cleaning Path – Dual Side Broom | 64 in (162 cm) | 64 in (162 cm) |
| Main Broom Length | 35.5 in (90 cm) | 35.5 in (90 cm) |
| Side Broom Diameter | 21.7 in (55 cm) | 21.7 in (55 cm) |
| Debris Hopper | | |
| Volume | 11 ft ³ (315 L) | 11 ft ³ (315 L) |
| Dump Height | 62 in (159 cm) | 62 in (159 cm) |
| DustClear™ Five Stage Dust Control System | | |
| Stage 1 DustGuard™ (optional) | Side broom “fog” system 12 gal (45 L) | Side broom “fog” system 12 gal (45 L) |
| Stage 2 Vacuumized Main Broom Chamber | Captures all dust kicked up from main broom | Captures all dust kicked up from main broom |
| Stage 3 Airflow Labyrinth | Removes 90% of dust from the air stream | Removes 90% of dust from the air stream |
| Stage 4 Ultra-Web® Nanofiber Filter | > 98% efficient on 0.3 - 1.0 micron particles | > 98% efficient on 0.3 - 1.0 micron particles |
| Stage 5 Airflow Restoration System | Liberator™ variable frequency shaker system | Liberator™ variable frequency shaker system |
| Power System | | |
| Engine | LP - Kubota DF972, 3 cylinder, 31.0 hp | 48 V, electric over hydraulic design 400 Ah C6 battery system |
| Ramp Climbing | 20%, 11° | 17%, 9.6° |
| Dimensions | | |
| Tires | | |
| Front (2) | 17.5 in (44 cm) .8 ply | 17.5 in (44 cm) .8 ply |
| Rear | 16.5 in (42 cm) .8 ply | 16.5 in (42 cm) .8 ply |
| Aisle U-Turn | 120 in (306 cm) | 120 in (306 cm) |
| Length | 87.4 in (222 cm) | 87.4 in (222 cm) |
| Width | 52 in (132 cm) | 52 in (132 cm) |
| Height | 57.5 in (146 cm) | 57.5 in (146 cm) |
| Height with OHG | 79 in (200 cm) | 79 in (200 cm) |
| Net Weight | 2,083 lb (945 kg) | 3,140 lb (1,425 kg) with battery |
| Sound Level | 87 dB A at operator ear | |
| Nationally Recognized Test Lab Certification | ETL | ETL |

Specifications are subject to change without notice.



Accessories and options:

- DustGuard™ Side Broom Dust Control System
- Left Hand Side Broom
- Backup Alarm
- Front Headlights
- Suspension Seat
- Front and Rear Bumper Guards
- Tilt Steering
- Overhead Guard
- Amber Strobe Light
- Soft Sided Cab – Provides increased operator safety and comfort



14600 21st Avenue North
Plymouth, MN 55447-3408
www.advance-us.com
Phone 800-214-7700
Fax 800-989-6566

240 Superior Boulevard
Mississauga, Ontario, Canada L5T 2L2
www.nilfisk-advance.ca
Phone 800-668-8400
Fax 800-263-5111

Ask about our leasing options.

©2012 Nilfisk-Advance, Inc. Form L3086A 3-20-12

