

Advenger® & Advenger® with EcoFlex™ System

Rider Scrubbers



Smart cleaning.

A Nilfisk-Advance Brand

Advenger® & Advenger® with EcoFlex™ System

Rider Scrubbers



Cleaning applications include:

- Green Cleaning
- Routine Scrubbing
- Entryway Cleaning
- Daytime Cleaning
- Deep Scrubbing

Green meets clean.

The Advance Advenger® rider-scrubber with EcoFlex™ System puts green cleaning, deep cleaning and everything in between into your hands. While other green automatic scrubbers tout “one clean fits all,” Advenger with EcoFlex System lets you match scrubber performance to the job. This machine’s flexibility offers the best of both worlds – the ability to meet green cleaning standards and your standards for clean floors.

The EcoFlex System’s onboard detergent-dispensing feature sets the stage for cleaning green and clean in either of the Advenger’s flexible cleaning modes. This refillable-cartridge-based system:

- Allows use of any detergent, including green-certified or water-only cleaning
- Automatically measures detergent at the desired ratio
- Dispenses detergent along with clean water just as solution is applied to the floor
- Utilizes ultra-low-flow dispensing that cuts water usage by up to 70%
- Eliminates solution pre-mixing so there’s no water or detergent waste, and no solution tank to empty or clean

The low-flow detergent-dispensing EcoFlex System lets operators match the Advenger’s performance to the average soil content on the floor – just enough to get the job done. For high-traffic or heavily soiled areas, the EcoFlex System includes a unique “burst of power” feature that temporarily increases the detergent strength, solution flow and brush pressure for deep scrubbing. This eliminates the need for double scrubbing or using a second machine for areas such as lobbies and entryways.

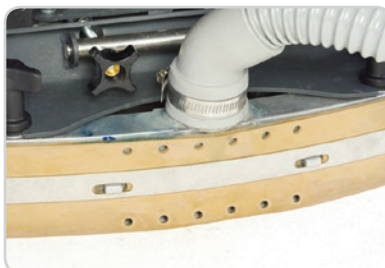
With the versatile performance of the EcoFlex System, the Advenger rider-scrubber delivers flexibility that’s good for the environment and for the cleanliness of hard floors.



One-Touch™ activation for an on-demand cleaning burst of power.



Easy access to onboard detergent dispensing system bottle on EcoFlex™ System.



Patented Safe 'N Dry™ squeegee system creates air flow and removes collected water for 100% pick-up.



Built-in squeegee hanging system on tank for easy machine transfer and tank drying.

Large recovery tank opening

Adjustable steering column

Open operator compartment for easy boarding

Low step for easy on/off

Safe 'N Dry™ squeegee for 100% water pick-up

High traction non marking urethane tires

GREEN MEETS CLEAN

Flexible Performance: Allows the operator to increase the performance of the machine at the touch of a button for dirtier floors.

Measures Detergent Ratio: Detergent is automatically measured at the desired ratio, eliminating guesswork.

ecoflex™ system

Conserves Water: The regular low-flow scrubbing mode is ideal for routine cleaning and conserves water.

Uses Less Detergent: Detergent is dispensed at the desired ratio separately with clean water at the floor level; no pre-mixing is needed or a solution tank to empty or clean.



Technical Specifications

Model	Advenger® 2805D / X2805D	Advenger® 3405D / X3405D	Advenger® 2805C / X2805C
Scrub Head Type	Disc	Disc	Cylindrical
Cleaning Path	28 in	34 in	28 in
Sound Pressure Level (IEC 60704-1/ISO 11201)	63.7 dB A	63.7 dB A	63.7 dB A
Maximum Transport Speed	3.91 mph (6.3 kph)	3.91 mph (6.3 kph)	3.91 mph (6.3 kph)
Maximum Cleaning Speed	3.12 mph (4.8 kph)	3.12 mph (4.8 kph)	3.12 mph (4.8 kph)
Maximum Coverage Per Hour @ 3.12 MPH	39,424 sq ft (3,663 sq m)	47,872 sq ft (4,448 sq m)	39,424 sq ft (3,663 sq m)
Solution Tank	28 gal (106 L)	28 gal (106 L)	28 gal (106 L)
Recovery Tank	29 gal (110 L)	29 gal (110 L)	29 gal (110 L)
Flow Rates	0.33 gal/min (1.25 L/min) 0.66 gal/min (2.50 L/min) 1.0 gal/min (3.79 L/min)	0.33 gal/min (1.25 L/min) 0.66 gal/min (2.50 L/min) 1.0 gal/min (3.79 L/min)	0.33 gal/min (1.25 L/min) 0.66 gal/min (2.50 L/min) 1.0 gal/min (3.79 L/min)
Maximum Productivity Per Tankful	85 minutes	85 minutes	85 minutes
Power Source	24 VDC	24 VDC	24 VDC
Brush Drive Motor	0.64 hp (480 W)	0.64 hp (480 W)	0.5 hp (373 W)
Brush Speed	260 RPM	260 RPM	900 RPM
Scrub Pressure			
Regular Scrub	90 lb (39 kg)	90 lb (39 kg)	60 lb (27 kg)
Heavy Scrub	150 lb (65 kg)	150 lb (65 kg)	80 lb (36 kg)
Extreme Scrub	220 lb (96 kg)	220 lb (96 kg)	100 lb (45 kg)
Drive Motor	1.05 hp (780 W)	1.05 hp (780 W)	1.05 hp (780 W)
Vacuum Motor	0.75 hp (560 W)	0.75 hp (560 W)	0.75 hp (560 W)
Sealed Waterlift	63 in H ₂ O (15.7 kPa)	63 in H ₂ O (15.7 kPa)	63 in H ₂ O (15.7 kPa)
CFM	66 @ 2 in (5 cm) orifice	66 @ 2 in (5 cm) orifice	66 @ 2 in (5 cm) orifice
Minimum Aisle Turning Radius	63 in (160 cm)	67.5 in (171 cm)	63 in (160 cm)
Body Length	60 in (152 cm)	60 in (152 cm)	60 in (152 cm)
Body Height	51.7 in (131 cm)	51.7 in (131 cm)	51.7 in (131 cm)
Body Width	27.5 in (70 cm)	27.5 in (70 cm)	27.5 in (70 cm)
Maximum Width w/o Squeegee	31 in (79 cm)	36.5 in (93 cm)	32 in (81 cm)
Squeegee Width	32.6 in (83 cm)	41.4 in (105 cm)	32.6 in (83 cm)
Maximum Weight w/o Batteries	536 lb (244 kg)	536 lb (244 kg)	536 lb (244 kg)
Maximum Weight (Full Solution Tank & Largest Batteries)	1,451 lb (658 kg)	1,451 lb (658 kg)	1,451 lb (658 kg)
Maximum Shipping Weight	1,400 lb (635 kg)	1,400 lb (635 kg)	1,400 lb (635 kg)
Gradability Transport	16% (9 degrees)	16% (9 degrees)	16% (9 degrees)
Gradability Cleaning	9% (5 degrees)	9% (5 degrees)	9% (5 degrees)
Maximum PSI (Full tank and 200 lb rider)	175 PSI (12.3 kg/sq cm)	175 PSI (12.3 kg/sq cm)	175 PSI (12.3 kg/sq cm)
Agency Approvals	ETL Canada and US	ETL Canada and US	ETL Canada and US

Specifications are subject to change without notice.



Accessories and options:

- Scrub & Vac™ kit
- Linatex or polyurethane squeegee blades
- Dual vacuum motors
- Battery watering kit
- Safety strobe light kit
- Dual arm rests, seat belt kit

14600 21st Avenue North
Plymouth, MN 55447-3408
www.advance-us.com
Phone 800-850-5559
Fax 800-989-6566

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

Smart cleaning.

Our products are designed using innovative technology that increases productivity and drives down the cost to clean.

Maintain peak performance with Nilfisk Genuine OEM Parts.



©2009 Nilfisk-Advance, Inc. Form L3080A 9-25-09

