

Advenger® & Advenger® AXP™

Rider Scrubbers



Smart cleaning.

A Nilfisk-Advance Brand

Advenger® & Advenger® AXP™

Rider Scrubbers



Ideal applications include:

- Healthcare Facilities
- Schools and Universities
- Government Buildings
- Supermarkets
- Shopping Malls
- Airports

Evergreen™ Cleaning Control System. Clean Control. Green Control.

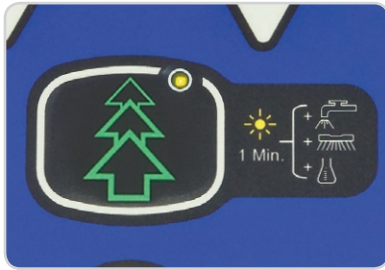
The Advance Advenger® AXP™ is the first automatic rider-scrubber that gives you complete control of how you clean. The secret is the Evergreen™ control system - a green, ultra-low detergent mode that is ideal for normal cleaning and can be adjusted for more aggressive cleaning on dirtier floors. Simple, yet intuitive controls allow operators to clean green, but have the flexibility to quickly increase cleaning performance with an increased detergent ratio, solution flow, and brush pressure.

Commonly used detergents are diluted at a ratio of 128:1, (128 parts water to 1 part detergent), which is ideal for cleaning heavily soiled floors but can be excessive for routine cleaning applications. For routine cleaning on moderately soiled floors, Advenger with Evergreen dispenses detergent at 400:1 — just enough detergent to enhance the natural cleaning power of water and break surface tension while leaving a lighter detergent scent behind. It's not only green, it's smart. You'll save at least 50 percent in detergent costs by using a more highly diluted solution. Operators also have the option to clean with water-only for even more control over your environmental stewardship.

High-traffic areas require more aggressive cleaning, and the ability to make on-the-spot adjustments for heavily soiled floors is what really makes Advenger with Evergreen more than just a "green" machine. The touch of a button temporarily adjusts the machine to the typical manufacturer's detergent dilution ratio and increases brush pressure and solution flow for serious scrubbing power, eliminating the "double-scrubbing" required with other low-flow or water-only automatic scrubbers.

A host of additional features adds even more convenience and functionality to the Advenger rider-scrubber. An open design allows for easy access to the operator compartment while also providing for excellent operator sight lines to the floor. Quiet operation and a patented Safe 'N Dry™ squeegee make the Advenger scrubber ideal for daytime cleaning.

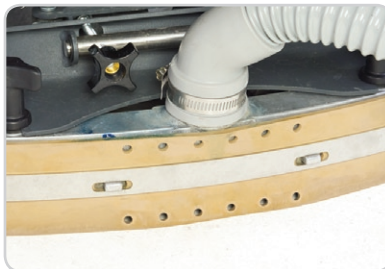
The Advenger and Advenger AXP rider-scrubber with Evergreen allows you to control the way you clean and how you clean green, while still giving you the flexibility for more aggressive cleaning when it's needed, all at the touch of a button.



One button to temporarily override Evergreen™ for 60 seconds – detergent strength, solution flow, and brush pressure are increased one level



Easy access to AXP™ bottle for onboard detergent dispensing system



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



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

Larger recovery tank opening

Advenger® AXP™ models have easily accessible AXP™ cartridge storage

Lower step for easy on/off

Adjustable steering column

Open operators compartment for easy boarding

Rear squeegee uses a patented Safe 'N Dry™ squeegee blade system

High traction non marking urethane tires

FEATURES AND BENEFITS

Easy Maintenance: The squeegee is designed to resist snagging during use and to store conveniently on the back of the machine where it props the recovery tank open for drying.

Open Design: The open machine design allows for the operator to board the Advenger® on the left or right side. Machine can be parked anywhere for charging and still have the operator compartment accessible. Operator also has improved sight lines to the floor.

Evergreen™ Cleaning Control System: Control detergent cost, environmental impact, cleaning strength and cleaning results with Evergreen cleaning system. Operator has flexibility to have more aggressive cleaning with the touch of a button.



Indoor Air Quality: A low sound level, 63.7 dB A, less detergent odor, and the Safe 'N Dry™ squeegee results, will all permit the Advenger to be used anytime, day or night to clean a facility.



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.



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