

Advenger® with EcoFlex™ System

Rider Scrubbers



ecoflex™ system



Smart cleaning.

A Nilfisk-Advance Brand

Advenger® with EcoFlex™ System

Rider Scrubbers



Cleaning applications include:

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

ecoflex™ system

GREEN MEETS CLEAN

Flexibility for every kind of clean.

The Advance Advenger® rider-scrubber with EcoFlex™ System lets you clean green and still meet the highest expectations for clean floors. With the industry's most flexible floor-scrubber technology, you can develop a sustainable cleaning routine and quickly adjust to whatever the job demands. Be prepared to get more out of your budget, clean with less impact to the environment and maintain clean, shiny floors when you do.

Operators can quickly and easily select the right blend of pad pressure, water and detergent to tackle any cleaning challenge. Here are just a few of the flexible cleaning modes:

- **Water Only** – Perfect for removing surface dirt and maintaining the clean look of floors. Water-only mode eliminates the impact of detergents on the environment and reduces cleaning costs.
- **Ultra-low Detergent** – Well suited for routine cleaning where a small amount of green-certified detergent will do the trick. Water and detergent are dispensed separately at the scrub deck, eliminating solution waste.
- **Standard Detergent** – The tough cleaning you expect. At standard detergent, pad pressure and flow rate, you'll have a combination powerful enough to pull stubborn dirt from grout and porous surfaces.
- **Burst of Power** – For deep, restorative cleaning or unexpected challenges. EcoFlex's burst of power temporarily increases your machine's pad pressure, detergent use and flow rate at the touch of a button.

Like the machine's EcoFlex System technology, the Advenger is designed for convenience and easy operation. An open design allows easy access to the operator compartment while also providing excellent sight lines to the floor. Tight steering lets operators navigate where other scrubbers can't.

The Advenger with EcoFlex System delivers the flexibility to clean your floors more efficiently. By using a system that cleans like you do, you'll reduce your cost to clean and create a more sustainable cleaning program.

Flexible Performance: Quickly and easily make adjustments for whatever the job demands.

Fits Any Routine: Develop an ideal routine for your staff, floors and budget.

Cost Efficient: Save time, use fewer machines, and reduce water and detergent consumption by cleaning more efficiently.

Environmentally Responsible: Reduces all of the environmental impacts in cleaning – from the water and detergent to machine run-time and energy use.



Large recovery
tank opening

Adjustable
steering
column

Open operator
compartment for
easy boarding

Low step for
easy on/off

High traction non
marking urethane tires



Unleash an on-the-fly burst of scrubbing power at the touch of a button.



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



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

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 of right side. Machine can be parked anywhere for charging while the operator compartment remains accessible. Operator also has improved sight lines to the floor.

High Productivity: The combination of a 28 gallon tank and low-solution flow rate results in 85 minutes of continuous scrubbing without a dump and refill. With a maximum scrub speed of 3.12 mph, you can clean up to 55,800 square feet per solution tank full.

Indoor Air Quality: A low sound level, 63.7 dB A and less detergent odor will 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	NFSI Certified, ETL Canada and US	NFSI Certified, ETL Canada and US	NFSI Certified, 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

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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.

