

Advenger®

Rider Scrubbers



ecoflex™ system

Smart cleaning.

 **Advance**

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Rider Scrubbers

Ideal applications include:

- Schools and Universities
- Hospitals/Healthcare Facilities
- Grocery
- Government Buildings and Installations
- Entertainment and Sport Arenas
- Hotels and Hospitality Facilities
- Warehouses

ecoflex™ system



Flexibility for every kind of clean

Flexible floor scrubber technology with green cleaning performance

The Advance Advenger® family of rider scrubbers combines versatility, productivity and sustainability all in one efficient platform. With three unique models available—disc, cylindrical and REV™, you can select the right machine for your daily scrubbing challenges. For deep scrubbing needs, the Advenger REV can also remove floor finish in a single pass. Advenger rider scrubbers are designed for maximum efficiency with Advance's EcoFlex™ onboard detergent-dispensing system, which allows users to effectively match scrubbing performance to the average soil content on the floor.

Green meets clean

Clean green and still meet the highest expectations for clean floors with the standard, onboard EcoFlex System. The EcoFlex System controls the consumption of water, detergent and energy so effectively that real savings can be gained without compromising performance. Effortlessly switch between water-only cleaning or various cleaning intensities to match cleaning performance to the soil on the floor and the required level of clean. More soil? No problem. Activate the "burst of power" for extra cleaning performance and easily return to the original settings for minimum usage of water, detergent and power.

Safe, easy operation

Designed with the operator in mind, the Advenger family of scrubbers features an open layout to allow easy access to the rider compartment while also providing excellent sight lines to the floor. Tight, yet easily maneuverable, steering enables scrubbing in compact or hard-to-reach areas. For enhanced safety, Advenger scrubbers are NFSI-certified to aid in the prevention of slips and falls.

Uniform scrubbing

Attack your daily and deep scrubbing applications with the Advenger REV. Employing a wide 28 inch scrub path and our exclusive Random Orbital Scrubbing technology, the Advenger REV scrubs deeper and more uniformly to leave a perfectly scrubbed surface with no swirl marks while using far less water and chemicals. When the job calls for a deeper scrub, operators can switch to floor finish removal with a touch of a button. Using only water, the Advenger REV leaves floors ready for restoration in a single pass. Better, more efficient scrubbing with significantly less time and labor.

Adjustable steering column easily configures to driver's height

Refillable detergent cartridge conserves cleaning solution while eliminating the need for pre-mixing

Low step for easy on/off

Standard low-flow scrubbing mode conserves water usage by up to 70% while delivering high productivity per tankful

Large recovery tank opening for easy cleaning and maintenance

EcoFlex™ System: Effortlessly switch between water-only cleaning or different cleaning intensities. Reduce chemical usage, labor costs, and environmental impact

Open compartment enables easy boarding

High-traction, non-marking urethane tires



EcoFlex™ System – 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 back of tank allows easy machine transfer and tank drying.



Heavy duty steel components for reliability and long life.



REV™ Model Only – When in scrub mode, the One-Touch™ REV™ function activates floor finish removal operation.



Patented REV random orbital scrubbing technology with high-speed, ¼-inch micro scrubbing and rotational, low-speed macro scrubbing attacks dirt from multiple directions for superior cleaning effectiveness.

Model	Advenger® REV™	Advenger® 2805D / X2805D	Advenger® X3405D	Advenger® X2805C
Scrub Head Type	REV™ Dual Random Orbit	Disc	Disc	Cylindrical
Cleaning Path	28 in	28 in	34 in	28 in
Sound Pressure Level (IEC 60704-1/ISO 11201)	63.7 dBA	63.7 dBA	63.7 dBA	63.7 dBA
Maximum Transport Speed	3.91 mph (6.3 kph)	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)	3.12 mph (4.8 kph)
Maximum Coverage Per Hour @ 3.12 MPH	39,424 sq ft (3,663 sq m)	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)	28 gal (106 L)
Recovery Tank	29 gal (110 L)	29 gal (110 L)	29 gal (110 L)	29 gal (110 L)
Flow Rates	0.1 / 0.2 gal/min (0.38 / 0.76 L/min) 0.2 / 0.4 gal/min (0.76 / 1.51 L/min) 0.4 / 0.8 gal/min (1.65 / 3.03 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)	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 – Scrubbing	140 minutes	85 minutes	85 minutes	85 minutes
Maximum Productivity Per Tankful – Floor Finish Removal	280 minutes	N/A	N/A	N/A
Power Source	24 VDC	24 VDC	24 VDC	24 VDC
Brush Drive Motor	0.75 hp (559 W)	0.64 hp (480 W)	0.64 hp (480 W)	0.5 hp (373 W)
Brush Speed	2,250 RPM	260 RPM	260 RPM	900 RPM
Scrub Pressure				
Regular Scrub	80 lb (36 kg)	90 lb (39 kg)	90 lb (39 kg)	60 lb (27 kg)
Heavy Scrub	125 lb (57 kg)	150 lb (65 kg)	150 lb (65 kg)	80 lb (36 kg)
Extreme Scrub	175 lb (79 kg)	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)	1.05 hp (780 W)
Vacuum Motor	0.75 hp (560 W)	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)	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	66 @ 2 in (5 cm) orifice
Minimum Aisle Turning Radius	63 in (160 cm)	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)	60 in (152 cm)
Body Height	51.7 in (131 cm)	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)	27.5 in (70 cm)
Maximum Width w/o Squeegee	31 in (79 cm)	31 in (79 cm)	36.5 in (93 cm)	32 in (81 cm)
Squeegee Width	32.6 in (83 cm)	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)	536 lb (244 kg)
Maximum Weight (Full Solution Tank and Largest Batteries)	1,451 lb (658 kg)	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)	1,400 lb (635 kg)
Gradability Transport	16% (9 degrees)	16% (9 degrees)	16% (9 degrees)	16% (9 degrees)
Gradability Cleaning	9% (5 degrees)	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)	175 PSI (12.3 kg/sq cm)

Specifications are subject to change without notice.



Productivity

Combining the most flexible floor scrubbing technology and green-cleaning capabilities, the Advance Advenger family of rider scrubbers allows you to efficiently maintain clean, shiny floors while maximizing your bottom line.



For more information on Advenger® REV™ Technology benefits, please see REV™ literature number L3279A.

Smart cleaning.

Our products are designed using innovative technologies that increase productivity and drive down the cost to clean.

Maintain peak performance with Nilfisk Parts.

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.ca
Phone 800-668-8400
Fax 800-263-5111



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