

2800 ST & 3400 ST

Rider Scrubbers



The Advance 2800 ST and 3400 ST scrubbers deliver high performance results on a back-to-basics rider-scrubber platform. Manual control of the scrub deck and squeegee replace intricate electronics to keep operation simple without sacrificing performance. When your job calls for scrubbing large spaces at a lower total cost to clean, Advance's ST scrubbers are a smart choice.

Simplified mechanics and design make operation easy, and help keep the cost of ownership low. An open operator compartment allows cleaners to get on and off the machine from either side and provides clear sight lines to the floor. To start scrubbing, just manually lower the scrub deck and squeegee and press the foot pedal. Training is easy for operators of all experience levels, and minimal adjustments are required while using the machine.

Available in 28 or 34 inch disc scrub decks, the ST rider-scrubbers are proof that you don't need a complex machine to get clean floors. The calibrated low-solution-flow setting provides 85 minutes of run time on a single tank, for consistently clean results on moderately soiled floors. For high traffic areas, operators can increase the solution flow rate at the touch of a button and apply more down pressure, for more aggressive cleaning.

A host of additional features rounds out the superior performance and convenience you look for in a rider-scrubber. Choose either wet-acid or AGM batteries with a stand-alone charger. The steering wheel is adjustable tools-free to provide additional operator comfort to the spacious operator compartment. And at a low operating sound level of just 66.7 dB A, ST scrubbers are quiet enough for daytime cleaning.

Optional Accessories Include

- Scrub & Vac™ kit
- LINATEX® or polyurethane squeegee blades
- Battery watering kit
- Dual vacuum motors
- Debris catch cage
- Deluxe seat
- Sound reduction kit
- Safety strobe light kit

Typical Applications Include

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

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Simple one button control panel.



Mechanical deck lift lever.



Mechanical squeegee lift lever located on steering column.

- 1 Large recovery tank opening allows easy, unobstructed cleaning
- 2 Steering column is adjustable for comfort. Tilts upright for easy boarding
- 3 Mechanical deck lift lever
- 4 Mechanical squeegee lift lever
- 5 Side steps for easy access to both sides of the machine
- 6 High traction non marking urethane tires



Defining Cleaning Innovation...

- Our products are designed using innovative technology that increases productivity and drives down the cost to clean.
- You can get expert service and maintenance for your Advance machines from factory-trained personnel around the world. Fast parts delivery, too.
- Maintain peak performance with Nilfisk Parts.

Technical Specifications

Model	2800 ST	3400 ST
Scrub Head Type	Disc	Disc
Cleaning Path	28 in	34 in
Sound Pressure Level (IEC 60704-1/ISO 11201)	66.7 dB A	66.7 dB A
Maximum Transport Speed	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)
Maximum Coverage Per Hour @ 3.12 MPH	39,424 sq ft (3,663 sq m)	47,872 sq ft (4,448 sq m)
Solution Tank	28 gal (106 L)	28 gal (106 L)
Recovery Tank	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)
Maximum Productivity Per Tankful	85 minutes	85 minutes
Power Source	24 VDC	24 VDC
Brush Drive Motor	0.5 hp (373 W)	0.5 hp (373 W)
Brush Speed	260 RPM	260 RPM
Scrub Pressure		
Regular Scrub	85 lb (37 kg)	105 lb (46 kg)
Heavy Scrub	180 lb (82 kg)	205 lb (93 kg)
Drive Motor	1.05 hp (780 W)	1.05 hp (780 W)
Vacuum Motor	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)
CFM	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)
Body Length	60 in (152 cm)	60 in (152 cm)
Body Height	51.7 in (131 cm)	51.7 in (131 cm)
Body Width	27.5 in (70 cm)	27.5 in (70 cm)
Maximum Width w/o Squeegee	31 in (79 cm)	36.5 in (93 cm)
Squeegee Width	32.6 in (83 cm)	41.4 in (105 cm)
Maximum Weight w/o Batteries	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)
Maximum Shipping Weight	1,400 lb (635 kg)	1,400 lb (635 kg)
Gradability Transport	16% (9 degrees)	16% (9 degrees)
Gradability Cleaning	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)
Agency Approvals	ETL Canada and US	ETL Canada and US

Specifications are subject to change without notice.



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