

SC450™

Battery Operated Scrubber



Dependable, easy-to-use scrubber solution simplifies cleaning operation while maximizing the bottom line

The Advance SC450™ automatic scrubber provides simple, cost-effective performance for daily scrubbing needs. With reliable operation, high productivity and low maintenance—all at a budget-friendly value—this contractor-grade machine is designed to satisfy a wide range of applications. The 10.5 gallon SC450 features a 20 inch scrub path to accommodate both small and large jobs. From hospitals and schools to manufacturing facilities and warehouses, the SC450 provides the flexibility needed for today's hardworking contractor.

Effortless operation

Designed with simple and intuitive controls, the SC450 ensures easy operator training. A unique two-button control panel allows users to quickly switch between scrub and vacuum functions. For enhanced ease-of-use, the vacuum motor automatically shuts off when the tank is full to prevent overflow, while the brushes and water turn off while the machine is in neutral. A safety on/off switch is located on the handle for operator convenience, enabling a quick shut down if needed. The pad-assist machine also minimizes operator labor, easily pulling the machine across the floor during operation.

Easy maintenance

Featuring open access to all critical machine components, the SC450 provides easy maintenance. A large, 11.9 gallon recovery tank can be simply lifted to inspect and clean tank access to float shut-off. The squeegee blade can be easily removed or rotated without the use of tools.

Sustainable cleaning solution

Operating at a sound level of only 68 dB A, the SC450 meets LEED-EB and GS-42 noise standards—allowing for daytime cleaning or cleaning of noise-sensitive areas. Solution Control™ calibrates the machine's solution flow, which enables users to meet green cleaning requirements by minimizing the use of water and detergent. The SC450 is also available with maintenance-free AGM batteries, eliminating safety concerns associated with traditional wet-acid batteries.

Optional Accessories

- Squeegee blade kits
- Integrated solution fill hose
- Wet pick up kit
- Scrub & vac kit
- 20 inch (51 cm) disc deck kit complete with squeegee
- Battery watering can with automatic shut-off, 2 quart (1.9 L)
- Roto-mold wipe on tank protectant, 1 quart (0.9 L) bottle
- Multiple brushes available
- Short-trim pad holder with pad retainer
- Bristle splash skirt

Typical Applications Include

- Hospitals/Healthcare Facilities
- Schools and Universities
- Churches and Religious Facilities
- Hotels
- Commercial Cleaning
- Manufacturing Facilities
- Distribution/Warehouse
- Government Buildings and Installations
- Airports, Train Stations and Bus Depots
- Casinos
- Office Buildings
- Health Clubs

Productivity

The Advance SC450™ is the ultimate contractor-grade machine. With simple, reliable performance, less maintenance and endless flexibility, the SC450 ensures superior cleaning results—all while remaining within your maintenance budget.

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Easy-to-use control panel allows operators to operate the SC450™ by only using two buttons and a switch.



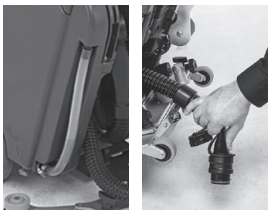
Adjustable machine deck provides increased down pressure to optimize scrubbing for heavy-duty applications.



Large recovery tank with easy access allows easy inspection and cleaning.



The SC450™ tips back with minimal pressure required for efficient transportation.



Solution drain hose also functions as the solution level indicator while large recovery drain hose offers soft, squeezable section to enable manual flow control.

- 1 Safety on/off switch is located on the handle for operator convenience
- 2 Wrap-around ergonomic handle system provides operator comfort
- 3 Easy-to-access, 11.9 gallon recovery tank allows for simple cleanup
- 4 Front fill, 10.5 gallon solution tank
- 5 Center-pivot designed squeegees provide 100% water pickup on turns
- 6 Variable pad driven assistance
- 7 Non-marking rear wheels for maneuverability
- 8 Edge guide enables easy wall cleaning



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	SC450™
Max Speed	3 mph (4.83 kph)
Voltage	24 V
IP Protection Class	IPX4
Insulation Class	I
Brush Motor	480 W
Vacuum Motor Power	330 W
Airflow	36 L/Sec
Vacuum	1,200 MPA
Sound Pressure Level	68 dB A
Maximum Run Time	140 min
Productivity Rate Theoretical / Actual	15,748 ft ² / 7,308 ft ²
Scrubbing Width	20 in (50.8 cm)
Min. Turn-around Aisle Width	46 in (116.8 cm)
Water Flow	0.105 - 0.422
Solution Tank	10.5 gal (39.75 L)
Recovery Tank	11.9 gal (45.05 L)
Squeegee Width	30 in (76.2 cm)
Brush Pressure	66 lb (29.94 kg)
Brush Speed	154 RPM
Brush Size	(1) 20 in (50.8 cm)
Dimensions (L x W x H)	46.2 in x 22 in x 38.6 in (117.35 cm x 55.88 cm x 98.04 cm)
Battery Compartment Size (L x W x H)	13.7 x 13.7 x 11.8 in (34.80 cm x 34.80 cm x 29.97 cm)
Weight without Batteries	167 lb (75.75 kg)
Weight with Batteries	285 lb (129.27 kg)
Model Numbers	56383128 with 105 Ah wet batteries, two each 56383129 with 98 Ah maint-free (gel) batteries, two each

Specifications are subject to change without notice.



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