

SC500

Productivity in every detail



NILFISK



Intuitive and informative digital display, with clear icons and digital readout



45L water tanks and low energy-consumption rate provide up to 5 hours' runtime



Water-filling system with easy connection and automatic shut-off once tank is full (optional)

Compatible with the modular Nilfisk Lithium-ion Battery

- Fast-charging capability: Go from 0 to 90% capacity in just 2 hour
- Modular performance: Increase runtime by up to 3x to match your needs
- Optimal uptime: Easy service with redundant, highly reliable battery modules
- Superior lifespan: Up to 7 years and 1500+ charge-discharge cycles
- IoT connectivity: Battery Management System tracks and logs performance



An easier, cost-effective choice for top-grade floorcare

Carefully designed to improve productivity and drive down your total cleaning costs, the Nilfisk SC500 walk-behind scrubber dryer offers significant benefits, with greater ease of use and technical features enabling daytime cleaning and optimal resource efficiency.

It's one of our most reliable choices for compact cleaning in many industries, including healthcare, offices, retail environments, hospitality, contract cleaning, production, and education.

Productivity is taken to a new level with SmartFlow™, which automatically adjusts water and detergent flow according to the speed of the machine. This ensures consistent cleaning results and optimized resource-consumption rates, allowing the operator to focus on getting the job done.

Cleaning costs are reduced with the help of several features. Nilfisk Ecoflex™ improves detergent-application flexibility, or enables water-only cleaning, with just the push of a button. Remarkably low-noise operation means daytime cleaning is also an option.

- **Effective coverage:** 53 cm brush deck with brush- speed adjustable to floor characteristics and condition
- **Powerful scrubbing:** Double-pressure function can be activated when needed
- **User-friendly operation:** Actuator motor for lowering/raising the brush deck
- **SmartFlow™:** Detergent/water-dosing levels automatically adjust to operating speed
- **Customizable access:** Separate keys for superusers and operators
- **Simple maintenance:** Plastic squeegee with patented elastic-strap system for easy cleaning and fast blade change



Ideal for daytime cleaning: Patented Nilfisk SilenTech™ technology reduces operational sound to just 60 ±3 dB(A) in Silent Mode



SC500 REV™ orbital scrubbing technology: Quickly and efficiently handles dirt from multiple directions, leaving the floor cleaner in a single pass



- Robust, chemical-resistant polyethylene tanks
- 2-key system with separate setting controls for superusers and operators
- SmartFlow™ adjusts solution flow according to speed for consistent, resource-efficient results
- Clickable ON/OFF button for brush/pad holder located on dashboard (excluding REV models)
- Double-pressure mode (up to 30kg) for persistent dirt
- Recovery tank can be tilted, providing full access to batteries and Ecoflex system
- Transparent hose for water-level inspection from operator's position
- Standard filling hose for fast, easy water tank-refill

Technical specifications

Description	Unit	SC500 53B	SC500 B Lithium Ion	SC500 53D FPJG PH
Reference number		9087401020	CM9087401020-09	CM9087400020-01
Voltage	V	24	24	24
Rated power	W	930	930	1150
Sound pressure level at 1.5m	dB(A)	63 (60) ±3	63 (60) ±3	65 (61) ±3
Productivity rate theoretical/actual	m ² /h	2650/1590	2650/1590	2550/1530
Scrubbing width	mm	530	530	508
Solution/recovery tank	litre	45/45	45/45	45/45
Brush/pad diameter	mm	530/508	530/508	508/508
Brush pressure	kg	15/30	15/30	22.2/30
Brush speed	rpm	155	155	2250 orbital/30 pad
Battery compartment size (lxwxh)	mm	350x350x260	350x350x260	350x350x260
Length x width x height	cm	127.7x72x106.3	127.7x72x106.3	127.7x72x106.3
Weight (machine only)	kg	83	83	88
Operating weight	kg	< 207	184.4	183

Features

Nilfisk SmartKey™	•	•	•
OneTouch™	•	•	•
Nilfisk SmartFlow™	•	•	•
Nilfisk SilenTech™ Technology	•	•	•
Brush Click-on/off	•	–	–
Squeezable drain hose with flow control	•	•	•
Debris tray	•	•	•
Filling hose	•	•	•
Drive version	–	•	•
Full Package version	–	–	•

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