

Carefully designed to improve productivity and drive down your cleaning cost

The Nilfisk SC500 walk-behind scrubber dryer is carefully designed to improve productivity and drive down your total cleaning costs. These significant benefits are achieved through more ease-of-use and a series of technical features enabling daytime cleaning and the most effective use of water and detergent. A reliable choice for cleaning companies, hospitals, schools, offices, supermarkets, shops, sports centers, restaurants, hotels, and production floors.

Productivity is taken to a new level by the Nilfisk SmartFlow™ that automatically adjusts the water/detergent solution flow according to the speed of the machine. By using this control, which ensures a consistent cleaning result and an optimized consumption of water and chemicals, the operator can focus on getting the job done.




Cleaning costs are reduced due to several features. The sustainable Nilfisk Ecoflex™ system offers very flexible use of detergent, and also water-only cleaning, just by pushing a button. Also driving down costs is the opportunity to introduce more daytime cleaning thanks to the patented Nilfisk SilenTech™ technology allowing remarkably low sound level of the SC500.



Picture shown may not represent model quoted







- Ideal for daytime cleaning: Nilfisk SilenTech™ technology keeps extreme low sound level in all conditions
- SmartFlow™ : solution flow of detergent/water automatically controlled by speed to have consistent cleaning and reduced consumptions
- Ease-of-use: Ergonomic drive paddle and informative display with OneTouch™ button and easy click on/off for the brush/padholder.
- SmartKey™ system with Separate Supervisor and Operator keySettings effectively controlled
- Easy handling: Plastic light squeegee with patent elastic strap system
- Sustainable: Ecoflex™ system with flexible detergent setting and water-only cleaning
- Effective: 53cm scrubbing width and automatic brush speed control to save energy
- User friendly: Electric motor to lower/raise brush deck with OneTouch™ button
- Productive: 45/45 liter water tanks and up to 5 hours of running time in light applications
- SC500 REV™ version "orbital scrubbing technology quickly and efficiently attacks dirt from multiple directions leaving the floor cleaner in a single pass"

• Standard equipment

Included accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
Ecoflex System					
 ECOFLEX DETERGENT KIT SC500	9100002395	1	•		
Disc Brush 530 mm					
 BRUSH DISC 530MM 21 PROLENE BLUE	L08837025	1	•		
Squeegee Blade					
 BLADES SQUEE. 700MM 28 GUM RUBBER KIT	9100000810	1	•	•	•
Battery					



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Included accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
 BATT. 12V-105AH GEL MONOBLOC	80564400	2	•		
On-Board Charger					
 CHARGER BATT. O/B 24V 13A 100-230V KIT	9099995000	1	•		
Other					
 HOSE FILLING SIP	9100000703	1	•	•	•
 SMART KEY-SUPERVISOR	56116519	1	•	•	•
 SMART KEY-USER	56116518	1	•	•	•
 TRAY DEBRIS KIT	9100000795	1			

Model	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
Ref. no.	9087400020	9087401020	9087402020

PRODUCT FEATURES

Battery version	•	•	•
Click on-off brush	•	•	
One-Touch™ control panel	•	•	•
Debris tray	•	•	•
Ecoflex prepared	•	•	•
Squeezable drain hose with flow control	•	•	•
Delivered ready to use (full package)	•		
SmartKey system	•	•	•
Filling hose	•	•	•
Squeegee	•	•	•
SmartFlow system	•	•	•
TrackClean ready	•	•	•



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Model	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
Ref. no.	9087400020	9087401020	9087402020

PRODUCT FEATURES

Traction drive	•	•	•
Nilfisk SilenTech™	•	•	•

Technical specifications	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
Max. running time	5 HOURS	5 HOURS	5 HOURS
Max. speed (km/h)	5	5	5
Voltage (V)	24	24	24
IP protection class	X4	X4	X4
Insulation class	I	III	I
Rated power (W)	930	930	930
Brush motor (W)	450	450	670
Vacuum motor power (W)	280	280	280
Sound pressure level (dB(A) BS 5415)	63 (60) ±3	63 (60) ±3	65 (63) ±3
Productivity theoretical/actual (m ² /h)	2650/1590	2650/1590	2550/1530
Scrubbing width (mm)	530	530	508
Max. climbing rate (%)	2	2	2
Solution flow (cl/m)	0.75/1.5/3	0.75/1.5/3	0.38/0.75/1.5
Solution/recovery tank (l)	45/45	45/45	45/45
Squeegee width (mm)	720	720	720
Brush/pad diameter (mm)	530/508	530/508	508/508
Brush pressure (kg)	15/30	15/30	22/30
Brush speed (RPM)	155	155	0-30
Brush quantity and type	1 Disc	1 Disc	1 REV
Length x width x height (mm)	1277x720x1063	1277x720x1063	1277x720x1063
Battery compartment size (L x W x H) (mm)	350x350x260	350x350x260	350x350x260
Gross weight (gvw) (kg)	207	207	210
Net weight (kg)	85	83	88
Shipping weight (kg)	192	114	119
Vibration level at the operator's body (m/s ²)	<2.5	<2.5	<2.5













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● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
Pad 20" / 508 mm					
 PAD 20 508MM ECO BLACK 5PCS	10001955	1	○	○	○
 PAD 20 508MM ECO BLUE 5PCS	10001956	1	○	○	○
 PAD 20 508MM ECO BROWN 5PCS	10001957	1	○	○	○
 PAD 20 508MM ECO GREEN 5PCS	10001958	1	○	○	○
 PAD 20 508MM ECO RED 5PCS	10001959	1	○	○	○
 PAD 20 508MM ECO WHITE 5PCS	10001960	1	○	○	○
Special Pad					
 PAD 20 508MM ECO BRILLIANCE BLUE 2PCS	10002349	1	○	○	○
 PAD 20 508MM ECO BRILLIANCE GREEN 2PCS	10002351	1	○	○	○
 PAD 20 508MM ECO BRILLIANCE RED 2PCS	10002348	1	○	○	○
 PAD 20 508MM ECO BRILLIANCE YELLOW 2PCS	10002350	1	○	○	○
Ecoflex System					













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Accessories		Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
	ECOFLEX BOTTLE ASSY	56104190	1	○	○	○
	ECOFLEX DETERGENT KIT SC500	9100002395	1	●	□	□
External Charger						
	CHARGER HF 24V 10A SB120R	80512410	1	○	○	○
	CHARGER HF 24V 13A SB120R	80532413	1	○	○	○
Battery						
	BATT. 12V-85AH WET SEMI T MONOBLOC	80564800	2	○	○	○
	BATT. 12V-110AH WET SEMI T MONOBLOC	L00200049	2	○	○	○
	BATT. 12V-76AH GEL MONOBLOC	80564310	2	○	○	○
	BATT. 12V-105AH GEL MONOBLOC	80564400	2	●	○	○
	BATT. 12V-110AH WET TUBULAR MONOBLOC	80564600	2	○	○	○
Pad Holder						
	PAD HOLDER BRISTLE 20 510MM CPL	L08837018	1	○	○	
	PAD HOLDER FLAT 20 508MM	9099671000	1	○	○	
Other						













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Accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
 AUTOMATIC WATER FILLING KIT	9100000005	1	○	○	○
 FILTER ANTIFOAMING	909 5065 000	1	○	○	○
HIGH POWER VACUUM MOTOR 24V 450W KIT	9100000491	1	○	○	□
 HOSE FILLING SIP	9100000703	1	●	●	●
 MOP AND TRASH KIT	9100002280	1	□	□	□
 SMART KEY-SUPERVISOR	56116519	1	●	●	●
 SMART KEY-USER	56116518	1	●	●	●
 TRAY DEBRIS KIT	9100000795	1			
USB PORT KIT SC500	9100002403	1	□	□	□
Disc Brush 530 mm					
 BRUSH DISC 530MM 21 AGLITE GRIT 500	L08837067	1	○	○	
 BRUSH DISC 530MM 21 DYNA GRIT 80	L08837066	1	○	○	
 BRUSH DISC 530MM 21 GRIT 180 GREY	L08837028	1	○	○	
 BRUSH DISC 530MM 21 MAGNA GRIT 46	L08837065	1	○	○	




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	BRUSH DISC 530MM 21 MID GRIT 240	L08837029	1	○	○	
	BRUSH DISC 530MM 21 PROLENE BLUE	L08837025	1	●	○	
	BRUSH DISC 530MM 21 PROLITE BLUE	L08837026	1	○	○	
	BRUSH DISC 530MM 21 UNION MIX	L08837027	1	○	○	
Squeegee Blade						
	BLADES SQUEE. 700MM 28 GUM RUBBER KIT	9100000810	1	●	●	●
	BLADES SQUEEGEE 700MM 28 PU KIT	9100000490	1	○	○	○
	BLADES SQUEEGEE 700MM 28 RED GUM KIT	9100000060	1	○	○	○
On-Board Charger						
	CHARGER BATT O/B JP 24V 13A 100-240V KIT	9100001710	1		□	□
	CHARGER BATT. O/B 24V 13A 100-230V KIT	9099995000	1	●	□	□
Splash Guard						
	SPLASH GUARD BRISTLE 510MM 20 KIT	9100001441	1	○	○	
Accessory Kit						



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	Accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
	WHEEL CASTOR D.80 SS 2PCS SET	9100001581	1	□	□	□

