

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 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 centres, restaurants, hotels and production floors.

Productivity is taken to a new level with the automatic adjustment of the water/detergent solution flow according to the speed of the machine. Using this control ensures consistent cleaning results and optimises 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 due to the remarkably low sound level of the SC500.




Optimise the battery-powered runtime of your SC500 with our new Lithium-Ion Battery.










Picture shown may not represent model quoted

- Ideal for daytime cleaning: Low noise Vac motor system running at just 60 ±3 dB(A)
- Consistent cleaning: Solution flow of detergent/water automatically controlled by speed
- Ease-of-use: Ergonomic drive paddle and informative display with One-Touch button and easy click on/off for the brush/padholder.
- Settings effectively controlled: Separate Super user and Operator key
- 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 One-Touch button
- Productive: 45/45 litre water tanks and up to 5 hours of running time in light applications



• Standard equipment

Included accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53R B	SC500 53D FPKG PH UK
<b>Ecoflex System</b>					
 ECOFLEX DETERGENT KIT SC500	9100002395	1			•
<b>Pad Holder</b>					
 PAD HOLDER FLAT 20 508MM	9099671000	1			•
<b>Disc Brush 530 mm</b>					
 BRUSH DISC 530MM 21 PROLENE BLUE	L08837025	1			•
<b>Squeegee Blade</b>					









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Included accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53R B	SC500 53D FPKG PH UK
 BLADES SQUEE. 700MM 28 GUM RUBBER KIT	9100000810	1			•
<b>Battery</b>					
 BATT. 12V-105AH GEL MONOBLOC	80564400	2			•
 battery, 24V , Li-ion 7s20p	106479002	0			
<b>Other</b>					
 HOSE FILLING SIP	9100000703	1			•
 SMART KEY-SUPERVISOR	56116519	1			•
 SMART KEY-USER	56116518	1			•
 TRAY DEBRIS KIT	9100000795	1			

• Standard equipment

Included accessories	Ref. no.	Min. required	SC500 53D NIL LITHIUM-ION X BR
<b>Ecoflex System</b>			
 ECOFLEX DETERGENT KIT SC500	9100002395	1	
<b>Pad Holder</b>			
 PAD HOLDER FLAT 20 508MM	9099671000	1	
<b>Disc Brush 530 mm</b>			

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Included accessories		Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION X BR
	BRUSH DISC 530MM 21 PROLENE BLUE	L08837025	1	
<b>Squeegee Blade</b>				
	BLADES SQUEE. 700MM 28 GUM RUBBER KIT	9100000810	1	
<b>Battery</b>				
	BATT. 12V-105AH GEL MONOBLOC	80564400	2	
	battery, 24V , Li-ion 7s20p	106479002	0	•
<b>Other</b>				
	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 53R B	SC500 53D FPKG PH UK
Ref. no.	9087400020	9087402020	CM9087400020-01

PRODUCT FEATURES

Battery version	•	•	•
Click on-off brush	•		•
One-Touch™ control panel	•	•	•
Debris tray	•	•	•
Ecoflex prepared	•	•	•

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Model	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53R B	SC500 53D FPKG PH UK
Ref. no.	9087400020	9087402020	CM9087400020-01

PRODUCT FEATURES

Lithium ion battery			
Squeezable drain hose with flow control	•	•	•
Delivered ready to use (full package)	•		•
SmartKey system	•	•	•
Filling hose	•	•	•
Squeegee	•	•	•
SmartFlow system	•	•	•
TrackClean ready	•	•	•
Traction drive	•	•	•
Nilfisk SilenTech™	•	•	•

Model	SC500 53D NIL LITHIUM-ION X BR
Ref. no.	CM9087401020-09

PRODUCT FEATURES

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

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Technical specifications	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53R B	SC500 53D FPKG PH UK
Max. running time (hour)	5 HOURS	5 HOURS	5 HOURS
Max. speed (km/h)	5	5	5
Number of batteries			
Voltage (V)	24	24	24
IP protection class	X4	X4	X4
Insulation class	I	I	I
Rated power (W)	930	930	930
Brush motor (W)	450	670	450
Vacuum motor power (W)	280	280	280
Productivity rate theoretical/ actual (m <sup>2</sup> /h)	2650/1590	2550/1530	2650/1590
Scrubbing width (mm)	530	508	530
Min. aisle turn (cm)	130	130	
Max. climbing rate (%)	2	2	2
Solution flow (cl/m)	0.75/1.5/3	0.38/0.75/1.5	0.75/1.5/3
Solution/recovery tank (l)	45/45	45/45	45/45
Squeegee width (mm)	720	720	720
Brush/pad diameter (mm)	530/508	508/508	530/508
Brush pressure (kg)	15/30	22/30	15/30
Brush speed (rpm)	155	0-30	155
Brush quantity and type	1 Disc	1 REV	1 Disc
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	210	207
Net weight (kg)	85	88	85
Shipping weight (kg)	192	119	192
Vibration level at the operator's body (m/s <sup>2</sup> )	<2.5	<2.5	<2.5
Batteries			
Sound level (IEC60335-2-72)	63 (60) ±3	65 (63) ±3	

Technical specifications	SC500 53D NIL LITHIUM-ION X BR
Max. running time (hour)	3 HOURS
Max. speed (km/h)	5
Number of batteries	1,2 or 3
Voltage (V)	24
IP protection class	X4
Insulation class	I
Rated power (W)	930

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Technical specifications











SC500 53D NIL  
LITHIUM-ION X BR

Brush motor (W)	450
Vacuum motor power (W)	280
Productivity rate theoretical/ actual (m <sup>2</sup> /h)	2650/1590
Scrubbing width (mm)	530
Min. aisle turn (cm)	130
Max. climbing rate (%)	2
Solution flow (cl/m)	0.75/1.5/3
Solution/recovery tank (l)	45/45
Squeegee width (mm)	720
Brush/pad diameter (mm)	530/508
Brush pressure (kg)	15/30
Brush speed (rpm)	155
Brush quantity and type	1 Disc
Length x width x height (mm)	1277x720x1063
Battery compartment size (L x W x H) (mm)	350x350x260
Gross weight (gvw) (kg)	184.4
Net weight (kg)	83
Shipping weight (kg)	161
Vibration level at the operator's body (m/s <sup>2</sup> )	<2.5
Batteries	60Ah 24V Nilfisk Lithium-ion module (s)
Sound level (IEC60335-2-72)	63 (60) ±3












● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53R B	SC500 53D FPKG PH UK
<b>Disc Brush 530 mm</b>					
 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			○












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Accessories		Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53R B	SC500 53D FPKG PH UK
	BRUSH DISC 530MM 21 MAGNA GRIT 46	L08837065	1			○
	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			○
<b>Pad Holder</b>						
	PAD HOLDER BRISTLE 20 530MM CPL	L08837018	1			○
	PAD HOLDER FLAT 20 508MM	9099671000	1			●
<b>Pad 20" / 508 mm</b>						
	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			○











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	Accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53R B	SC500 53D FPKG PH UK
	PAD 20 508MM ECO RED 5PCS	10001959	1			○
	PAD 20 508MM ECO WHITE 5PCS	10001960	1			○
<b>Special Pad</b>						
	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			○
<b>Battery</b>						
	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			○

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Accessories		Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53R B	SC500 53D FPKG PH UK
	battery, 24V , Li-ion 7s20p	106479002	0			
<b>External Charger</b>						
	CHARGER HF 24V 10A SB120R	80512410	1			○
	CHARGER HF 24V 13A SB120R	80532413	1			○
<b>Squeegee Blade</b>						
	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			○
<b>Other</b>						
	AUTOMATIC WATER FILLING KIT	9100000005	1			○
	DRAINING HAND TOOL (WATER ONLY)	9100002205	0	○	○	
	FILTER ANTIFOAMING	909 5065 000	1			○
	HIGH POWER VACUUM MOTOR 24V 450W KIT	9100000491	1			○
	HOSE FILLING SIP	9100000703	1			●

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	Accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53R B	SC500 53D FPKG PH UK
	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	□	□	
<b>Ecoflex System</b>						
	ECOFLEX BOTTLE ASSY	56104190	1			○
	ECOFLEX DETERGENT KIT SC500	9100002395	1			•
<b>Splash Guard</b>						
	SPLASH GUARD BRISTLE 510MM 20 KIT	9100001441	1			○
<b>On-Board Charger</b>						
	CHARGER BATT O/B JP 24V 13A 100-240V KIT	9100001710	1		□	
<b>Accessory Kit</b>						
	WHEEL CASTOR D.80 SS 2PCS SET	9100001581	1			□

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● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION X BR
<b>Disc Brush 530 mm</b>				
	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	
	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	
<b>Pad Holder</b>				
	PAD HOLDER BRISTLE 20 530MM CPL	L08837018	1	
	PAD HOLDER FLAT 20 508MM	9099671000	1	
<b>Pad 20" / 508 mm</b>				












# NILFISK

All information provided in this document is subject to change without prior notice












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	Accessories	Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION X BR
	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	
<b>Special Pad</b>				
	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	
<b>Battery</b>				
	BATT.12V-85AH WET SEMI T MONOBLOC	80564800	2	




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Accessories		Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION X BR
	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	
	battery, 24V , Li-ion 7s20p	106479002	0	•
<b>External Charger</b>				
	CHARGER HF 24V 10A SB120R	80512410	1	
	CHARGER HF 24V 13A SB120R	80532413	1	
<b>Squeegee Blade</b>				
	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	
<b>Other</b>				
	AUTOMATIC WATER FILLING KIT	9100000005	1	

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Accessories		Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION X BR
	DRAINING HAND TOOL (WATER ONLY)	9100002205	0	○
	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	□
<b>Ecoflex System</b>				
	ECOFLEX BOTTLE ASSY	56104190	1	
	ECOFLEX DETERGENT KIT SC500	9100002395	1	
<b>Splash Guard</b>				

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Accessories		Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION X BR
	SPLASH GUARD BRISTLE 510MM 20 KIT	9100001441	1	
<b>On-Board Charger</b>				
	CHARGER BATT O/B JP 24V 13A 100-240V KIT	9100001710	1	□
<b>Accessory Kit</b>				
	WHEEL CASTOR D.80 SS 2PCS SET	9100001581	1	