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 themachine. 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.

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



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 Syste	coflex System						
	ECOFLEX DETERGENT KIT SC500	9100002395	1	•			
Disc Brush 53	30 mm						
0	BRUSH DISC 530MM 21 PROLENE BLUE	L08837025	1	٠			
Squeegee Bla	ade						
	BLADES SQUEE. 700MM 28 GUM RUBBER KIT	910000810	1	•	•	•	
Battery		:					



	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	•		
	BATTERY, 24V, LI-ION, 7S20P, MH1	106479002	0			
On-Board Ch	arger	1			1	
	CHARGER BATT. O/B 24V 13A 100-230V KIT	9099995000	1	•		
Other						
Ø	HOSE FILLING SIP	9100000703	1	٠	•	•
~	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	SC500 53R NIL LITHIUM- ION X	SC500 53RD NIL LITHIUM- ION
Ecoflex Syste	m					
	ECOFLEX DETERGENT KIT SC500	9100002395	1			
Disc Brush 53	30 mm					
0	BRUSH DISC 530MM 21 PROLENE BLUE	L08837025	1			
Squeegee Bla	ade					
	BLADES SQUEE. 700MM 28 GUM RUBBER KIT	910000810	1	•	•	•
Battery						



	Included accessories	Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION X BR	SC500 53R NIL LITHIUM- ION X	SC500 53RD NIL LITHIUM- ION
	BATT. 12V-105AH GEL MONOBLOC	80564400	2			
	BATTERY, 24V, LI-ION, 7S20P, MH1	106479002	0	•	•	•
On-Board Ch	arger				1	
	CHARGER BATT. O/B 24V 13A 100-230V KIT	9099995000	1			
Other						
Ø	HOSE FILLING SIP	9100000703	1	•	•	•
~	SMART KEY-SUPERVISOR	56116519	1	•	•	•
	SMART KEY-USER	56116518	1	•	•	•
	TRAY DEBRIS KIT	910000795	1			

• Standard equipment

	Included accessories	Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION BR
Ecoflex Syste	m			
	ECOFLEX DETERGENT KIT SC500	9100002395	1	
Disc Brush 53	0 mm			
0	BRUSH DISC 530MM 21 PROLENE BLUE	L08837025	1	
Squeegee Bla	de			
	BLADES SQUEE. 700MM 28 GUM RUBBER KIT	9100000810	1	•
Battery				



	Included accessories		Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION BR
	BATT. 12V-105AH GEL MONOBLOC		80564400	2	
	BATTERY, 24V, LI-ION, 7S20P, MH1		106479002	0	•
On-Board Ch	arger		1	1	
E .	CHARGER BATT. O/B 24V 13A 100-230V KIT		9099995000	1	
Other					
Ø	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 SC 53 B	C500 SCF	RUBBER SC500 53R B
Ref. no.		9087400020	908740102	0 9	9087402020
PRODUCT F	EATURES				
Battery version	n	•	•		•
Click on-off b		•	•		
One-Touch™	control panel	•	•		•
Debris tray		•	•		•
Ecoflex prepa	ared	•	•		•
Lithium ion ba	attery				
Squeezable d	drain hose with flow control	•	•		•
Delivered rea	dy to use (full package)	•			
SmartKey sys	stem	•	•		•
Filling hose		•	•		•
Squeegee		•	٠		•



Model	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
Ref. no.	9087400020	9087401020	9087402020
PRODUCT FEATURES			
SmartFlow system TrackClean ready Traction drive Nilfisk SilenTech™	• • •	• • •	• • •
Model	SC500 53D NIL LITHIUM-ION X BR	SC500 53R NIL LITHIUM-ION X	SC500 53RD NIL LITHIUM-ION
Ref. no.	CM9087401020-09	CM9087402020-02	CM9087402020-03
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 Squeegee SmartFlow system TrackClean ready Niffisk SilenTech™	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • •
Model Ref. no. PRODUCT FEATURES			SC500 53D NIL LITHIUM-ION BR CM9087401020-10
Battery version Click on-off brush One-Touch™ control panel Debris tray Ecoflex prepared Lithium ion battery Squeezable drain hose with flow control			• • • • •



Model	SC500 53D NIL LITHIUM-ION BR
Ref. no.	CM9087401020-10
PRODUCT FEATURES	
Delivered ready to use (full package)	

SmartKey system	•
Filling hose	•
Squeegee	•
SmartFlow system	•
TrackClean ready	•
Traction drive	•
Nilfisk SilenTech™	•

Max. running time (hour)5 HOURS5 HOURSMax. speed (km/h)55Number of batteriesVoltage (V)2424IP protection classX4X4Insulation class1IIIRated power (W)930930Brush motor (W)450450Votume (W)280280Productivity theoretical/actual (m*/h)2650/15902650/1590Scrubbing width (mm)530530508Max. climbing rate (%)222Solution flow (cl/m)720720720Brush motor (kg)1551550.30Scrubping width (mm)530/508530/508508/508Brush pessure (kg)1531550.30Brush pessure (kg)1531550.30Brush peed (RPM)1561550.30Brush peed (RPM)1277x72x10631277x72x1063Brush peed (kg)110ic1 Disc1 REVLength x width x height (mm)1277x72x10631277x72x1063Brush peed (kg)207207210Hurt y Compartment size (L x W x H) (mm)350x350x260350x350x260Soltion prover (kg)207207210Net weight (kg)688388Shipping weight (kg)192114119	Technical specifications	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
Number of batteries Voltage (V) 24 24 24 IP protection class X4 X4 X4 Insulation class I III I Rated power (W) 330 930 930 Brush motor (W) 450 450 670 Vacuum motor power (W) 280 280 280 Vacuum motor power (W) 260 250/1530 508 Scrubing 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 0.380.75/1.5 Solution/recovery tank (I) 45/45 45/45 45/45 Squeegee width (mm) 720 720 720 Brush pressure (kg) 15/30 15/30 26/30.30 Brush speed (RPM) 15/5 155 0.30 Brush quantity and type 1 1 1277.720.1063 1277.720.1063 Brush quantity height (mm) 350.350.260 350.350.260 350.350.260 <td>Max. running time (hour)</td> <td>5 HOURS</td> <td>5 HOURS</td> <td>5 HOURS</td>	Max. running time (hour)	5 HOURS	5 HOURS	5 HOURS
Voltage (V)242424IP protection classX4X4X4Insulation classIIIIRated power (W)930930930Brated power (W)450450670Vacuum motor power (W)280280280Productivity theoretical/actual (m²/h)2650/15902650/15902550/1530Scrubsing width (mm)530530508Solution flow (cl/m)2222Solution flow (cl/m)720720720720Spagee width (mm)530/588530/508508/508508/508Brash pressure (kg)15/3015/3022/302Sutan tity part (kg)1551550.3030Brash speed (RPM)1551550.303030Brash speed (kg)127x7201063127x7201063127x7201063127x7201063Brash speed (kg)127x7201063127x7201063127x7201063127x7201063Brash speed (kg)127x7201063127x7201063127x7201063127x7201063Brash speed (kg)127x7201063127x7201063127x7201063127x7201063Brash speed (kg)127x7201063127x7201063127x7201063127x7201063Brash speed (kg)127x7201063127x7201063127x7201063127x7201063Brash speed (kg)120%127x7201063127x7201063127x7201063Brash speed (kg)127x1201063127x7201063127x7201063127x7201063<	Max. speed (km/h)	5	5	5
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 Productivity theoretical/actual (m²/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 pressure (kg) 15/30 15/30 22/30 Brush speed (RPM) 155 155 0.30 Brush pressure (kg) 15/30 1277.720.71063 1277.720.71063 Brush speed (RPM) 10isc 1 Disc 1 REV Length x width x height (mm) 320.350.260 350.350.260 Brush quantity and type	Number of batteries			
Insulation class I III I Rated power (W) 930 930 930 Brush motor (W) 450 450 670 Vacuum motor power (W) 280 280 280 Productivity theoretical/actual (m²/h) 2650/1590 2650/1590 2550/1530 Scrubbing width (mm) 530 530 0.88 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) 0.75/1 0.75/1.5/3 0.38/0.75/1.5 Squeegee width (mm) 720 720 720 Brush/pad diameter (mm) 530/508 530/508 508/508 Brush pressure (kg) 15/30 15/30 0.22/30 Brush quantity and type 1 1 1 1 Length x width x height (mm) 1277X720.8163 1277X720.8163 1277X720.8163 Battery compartment size (Lx W H) (mm) 350.350.260 350.350.260 350.350.260 Gross weight (kgy) 87<	Voltage (V)	24	24	24
Rated power (W)930930930930Brush motor (W)450450670Vacuum motor power (W)280280280Productivity theoretical/actual (m²/h)2650/15902650/15902550/1530Scrubbing width (mm)530530508Scrubbing rate (%)222Solution flow (cl/m)0.75/1.5/30.75/1.5/30.380.75/1.5Solution flow (cl/m)0.75/1.5/30.75/1.5/30.380.75/1.5Solution flow (cl/m)720720720Solution flow (cl/m)530/508530/508508/508Solution flow (cl/m)530/508530/508508/508Solution flow (cl/m)15/3015/3022/30Brush ypaed (RPM)15/3015/3022/30Brush speed (RPM)1551550.30Brush quantity and type1 Disc1 Disc1 REVIngth x width x height (mm)1277x720x1063350x350x260350x350x260Battery compartment size (L x W x H) (mm)350x350x260350x350x260350x350x260Gross weight (gvw) (kg)207210210Net weight (kg)858388	IP protection class	X4	X4	X4
Brush motor (W) 450 450 670 Vacuum motor power (W) 280 280 280 Productivity theoretical/actual (m²/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 0.38/0.75/1.5/3 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 0.30 30 Brush speed (RPM) 115c 118EV Length x width x height (mm) 1277x720x1063 1277x720x1063 350x350x260 Battery compartment size (L x W x H) (mm) 350x350x260 350x350x260 350x350x260 Gross weight (gwy) (kg) 207 210 210 210	Insulation class	I	Ш	I
Vacuum motor power (W)280280280Productivity theoretical/actual (m²/h)2650/15902650/15902550/1530Scrubbing width (mm)530530508Max. climbing rate (%)222Solution flow (cl/m)0.75/1.5/30.75/1.5/30.38/0.75/1.5Solution flow (cl/m)0.75/1.5/30.75/1.5/30.38/0.75/1.5Solution/recovery tank (l)45/4545/4545/45Squeegee width (mm)720720720Brush/pad diameter (mm)530/508530/508508/508Brush pressure (kg)15/3015/3022/30Brush speed (RPM)1551550-30Brush quantity and type1 Disc1 REVLength x width x height (mm)1277x720x10631277x720x1063Battery compartment size (L x W x H) (mm)350x350x260350x350x260350x350x260Gross weight (gwy) (kg)207207210Net weight (kg)858388	Rated power (W)	930	930	930
Productivity theoretical/actual (m²/h)2650/15902650/15902550/1530Scrubbing width (mm)530530508Max. climbing rate (%)222Solution flow (cl/m)0.75/1.5/30.75/1.5/30.38/0.75/1.5Solution flow (cl/m)0.75/1.5/30.75/1.5/30.38/0.75/1.5Solution/recovery tank (l)45/4545/4545/45Squeegee width (mm)720720720Brush/pad diameter (mm)530/508530/508508/508Brush pressure (kg)15/3015/3022/30Brush speed (RPM)1551550-30Brush quantity and type1 Disc1 Disc1 REVLength x width x height (mm)320x350x260350x350x260350x350x260Battery compartment size (L x W x H) (mm)350x350x260350x350x260350x350x260Gross weight (gwv) (kg)207207210Net weight (kg)858388	Brush motor (W)	450	450	670
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 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	Vacuum motor power (W)	280	280	280
Max. climbing rate (%)222Solution flow (cl/m)0.75/1.5/30.75/1.5/30.38/0.75/1.5Solution/recovery tank (l)45/4545/4545/45Squeegee width (mm)720720720Brush/pad diameter (mm)530/508530/508508/508Brush pressure (kg)15/3015/3022/30Brush speed (RPM)1551550.30Brush quantity and type1 Disc1 Disc1 REVLength x width x height (mm)350x350x260350x350x260350x350x260Battery compartment size (L x W x H) (mm)350x350x260350x350x260350x350x260Gross weight (gvw) (kg)207207210Net weight (kg)858388	Productivity theoretical/actual (m²/h)	2650/1590	2650/1590	2550/1530
Solution flow (cl/m)0.75/1.5/30.75/1.5/30.38/0.75/1.5/3Solution/recovery tank (l)45/4545/4545/45Squeegee width (mm)720720720Brush/pad diameter (mm)530/508530/508508/508Brush pressure (kg)15/3015/3022/30Brush speed (RPM)1551550-30Brush quantity and type1 Disc1 Disc1 REVLength x width x height (mm)350x350x260350x350x260350x350x260Battery compartment size (L x W x H) (mm)350x350x260350x350x260350x350x260Gross weight (gvw) (kg)207207210Net weight (kg)858388	Scrubbing width (mm)	530	530	508
Solution/recovery tank (l)45/4545/4545/45Squeegee width (mm)720720720Brush/pad diameter (mm)530/508530/508508/508Brush pressure (kg)15/3015/3022/30Brush speed (RPM)1551550-30Brush quantity and type1 Disc1 Disc1 REVLength x width x height (mm)1277x720x10631277x720x10631277x720x1063Battery compartment size (L x W x H) (mm)350x350x260350x350x260350x350x260Gross weight (gvw) (kg)207207210Net weight (kg)858388	Max. climbing rate (%)	2	2	2
Squeegee width (mm)720720720Brush/pad diameter (mm)530/508530/508508/508Brush pressure (kg)15/3015/3022/30Brush speed (RPM)1551550-30Brush quantity and type1 Disc1 Disc1 REVLength x width x height (mm)1277x720x10631277x720x10631277x720x1063Battery compartment size (L x W x H) (mm)350x350x260350x350x260350x350x260Gross weight (gvw) (kg)207207210Net weight (kg)858388	Solution flow (cl/m)	0.75/1.5/3	0.75/1.5/3	0.38/0.75/1.5
Brush/pad diameter (mm)530/508530/508508/508Brush pressure (kg)15/3015/3022/30Brush speed (RPM)1551550-30Brush quantity and type1 Disc1 Disc1 REVLength x width x height (mm)1277x720x10631277x720x10631277x720x1063Battery compartment size (L x W x H) (mm)350x350x260350x350x260350x350x260Gross weight (gvw) (kg)207207210Net weight (kg)858388	Solution/recovery tank (I)	45/45	45/45	45/45
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) 207 210 210 Net weight (kg) 85 83 88	Squeegee width (mm)	720	720	720
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	Brush/pad diameter (mm)	530/508	530/508	508/508
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	Brush pressure (kg)	15/30	15/30	22/30
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	Brush speed (RPM)	155	155	0-30
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	Brush quantity and type	1 Disc	1 Disc	1 REV
Gross weight (gvw) (kg) 207 207 210 Net weight (kg) 85 83 88	Length x width x height (mm)	1277x720x1063	1277x720x1063	1277x720x1063
Net weight (kg) 85 83 88	Battery compartment size (L x W x H) (mm)	350x350x260	350x350x260	350x350x260
	Gross weight (gvw) (kg)	207	207	210
Shipping weight (kg) 192 114 119	Net weight (kg)	85	83	88
	Shipping weight (kg)	192	114	119



Technical specifications	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
Vibration level at the operator's body (m/s²)	<2.5	<2.5	<2.5
Batteries			
Sound level (IEC60335-2-72)	63 (60) ±3	63 (60) ±3	65 (63) ±3
Technical specifications	SC500 53D NIL LITHIUM-ION X BR	SC500 53R NIL LITHIUM-ION X	SC500 53RD NIL LITHIUM-ION
Max. running time (hour)	3 HOURS	3 HOURS	3 HOURS
Max. speed (km/h)	5	5	5
Number of batteries	1,2 or 3	1,2 or 3	1,2 or 3
Voltage (V)	24	24	24
IP protection class	X4	X4	X4
Insulation class	1	L	I.
Rated power (W)	930	930	930
Brush motor (W)	450	670	670
Vacuum motor power (W)	280	280	280
Productivity theoretical/actual (m²/h)	2650/1590	2550/1530	2550/1530
Scrubbing width (mm)	530	508	508
Max. climbing rate (%)	2	2	2
Solution flow (cl/m)	0.75/1.5/3	0.38/0.75/1.5	0.38/0.75/1.5
Solution/recovery tank (I)	45/45	45/45	45/45
Squeegee width (mm)	720	720	720
Brush/pad diameter (mm)	530/508	508/508	508/508
Brush pressure (kg)	15/30	22/30	22/30
Brush speed (RPM)	155	0-30	0-30
Brush quantity and type	1 Disc	1 REV	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)	184.4	183	183
Net weight (kg)	83	88	88
Shipping weight (kg)	161	160	161
Vibration level at the operator's body (m/s²)	<2.5	<2.5	<2.5
Batteries	60Ah 24V Nilfisk Lithium-ion module (s)	60Ah 24V Nilfisk Lithium-ion module (s)	60Ah 24V Nilfisk Lithium-ion module (s)
Sound level (IEC60335-2-72)	63 (60) ±3	65 (63) ±3	65 (63) ±3



Technical specifications	SC500 53D NIL LITHIUM-ION 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
Brush motor (W)	450
Vacuum motor power (W)	280
Productivity theoretical/actual (m²/h)	2650/1590
Scrubbing width (mm)	530
Max. climbing rate (%)	2
Solution flow (cl/m)	0.75/1.5/3
Solution/recovery tank (I)	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/s²)	<2.5
Batteries	60Ah 24V Nilfisk Lithium-ion module (s)
Sound level (IEC60335-2-72)	63 (60) ±3
• Standard equipment O Supelementary accessories [] Mauntable equipment	

ullet Standard equipment, $^{\bigcirc}$ Supplementary accessories, $^{\square}$ Mountable equipment

	Accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
Pad 20" / 508	3 mm					
0	PAD 20 508MM ECO BLACK 5PCS	10001955	1	0	0	0



	Accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B	
lacksquare	PAD 20 508MM ECO BLUE 5PCS	10001956	1	0	0	0	
0	PAD 20 508MM ECO BROWN 5PCS	10001957	1	0	0	0	
0	PAD 20 508MM ECO GREEN 5PCS	10001958	1	0	0	0	
0	PAD 20 508MM ECO RED 5PCS	10001959	1	0	0	0	
0	PAD 20 508MM ECO WHITE 5PCS	10001960	1	0	0	0	
Special Pad							
	PAD 20 508MM ECO BRILLIANCE BLUE 2PCS	10002349	1	0	0	0	
	PAD 20 508MM ECO BRILLIANCE GREEN 2PCS	10002351	1	0	0	0	
	PAD 20 508MM ECO BRILLIANCE RED 2PCS	10002348	1	0	0	0	
	PAD 20 508MM ECO BRILLIANCE YELLOW 2PCS	10002350	1	0	0	0	
Ecoflex Syste	Ecoflex System						
	ECOFLEX BOTTLE ASSY	56104190	1	0	0	0	
	ECOFLEX DETERGENT KIT SC500	9100002395	1	•			
External Char	ger						



	Accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
8	CHARGER HF 24V 10A SB120R	80512410	1	0	0	0
8	CHARGER HF 24V 13A SB120R	80532413	1	0	0	0
Battery						
and the second s	BATT.12V-85AH WET SEMI T MONOBLOC	80564800	2	0	0	0
1	BATT.12V-110AH WET SEMI T MONOBLOC	L00200049	2	0	0	0
	BATT. 12V-76AH GEL MONOBLOC	80564310	2	0	0	0
	BATT. 12V-105AH GEL MONOBLOC	80564400	2	•	0	0
and the second sec	BATT. 12V-110AH WET TUBULAR MONOBLOC	80564600	2	0	0	0
	BATTERY, 24V, LI-ION, 7S20P, MH1	106479002	0			
Pad Holder						
0	PAD HOLDER BRISTLE 20 530MM CPL	L08837018	1	0	0	
	PAD HOLDER FLAT 20 508MM	9099671000	1	0	0	
Other	Other					
Y	AUTOMATIC WATER FILLING KIT	9100000005	1	0	0	0



	Accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
	FILTER ANTIFOAMING	909 5065 000	1	0	0	0
	HIGH POWER VACUUM MOTOR 24V 450W KIT	9100000491	1	0	0	
Ø	HOSE FILLING SIP	9100000703	1	•	•	•
	LITHIUM ION EXPANSION KIT 24V	9100003110	0			
	MOP AND TRASH KIT	9100002280	1			
~	SMART KEY-SUPERVISOR	56116519	1	•	•	•
	SMART KEY-USER	56116518	1	•	•	•
and and	TRAY DEBRIS KIT	9100000795	1			
	USB PORT KIT SC500	9100002403	1			٥
Disc Brush 53	30 mm					
0	BRUSH DISC 530MM 21 AGLITE GRIT 500	L08837067	1	0	0	
0	BRUSH DISC 530MM 21 DYNA GRIT 80	L08837066	1	0	0	
0	BRUSH DISC 530MM 21 GRIT 180 GREY	L08837028	1	0	0	
0	BRUSH DISC 530MM 21 MAGNA GRIT 46	L08837065	1	0	0	



	Accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SCRUBBER SC500 53R B
0	BRUSH DISC 530MM 21 MID GRIT 240	L08837029	1	O	O	
0	BRUSH DISC 530MM 21 PROLENE BLUE	L08837025	1	•	0	
0	BRUSH DISC 530MM 21 PROLITE BLUE	L08837026	1	0	0	
0	BRUSH DISC 530MM 21 UNION MIX	L08837027	1	0	0	
Squeegee Bla	de					
	BLADES SQUEE. 700MM 28 GUM RUBBER KIT	9100000810	1	•	•	•
	BLADES SQUEEGEE 700MM 28 PU KIT	9100000490	1	0	0	0
	BLADES SQUEEGEE 700MM 28 RED GUM KIT	9100000060	1	0	0	0
On-Board Cha	arger					
	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					
\bigcirc	SPLASH GUARD BRISTLE 510MM 20 KIT	9100001441	1	0	0	
Accessory Kit						



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

ullet Standard equipment, $^{\bigcirc}$ Supplementary accessories, $^{\square}$ Mountable equipment

	Accessories	Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION X BR	SC500 53R NIL LITHIUM- ION X	SC500 53RD NIL LITHIUM- ION
Pad 20" / 508	mm					
lacksquare	PAD 20 508MM ECO BLACK 5PCS	10001955	1	0	0	0
\bigcirc	PAD 20 508MM ECO BLUE 5PCS	10001956	1	0	0	0
\bigcirc	PAD 20 508MM ECO BROWN 5PCS	10001957	1	0	0	0
$oldsymbol{O}$	PAD 20 508MM ECO GREEN 5PCS	10001958	1	0	0	0
\bigcirc	PAD 20 508MM ECO RED 5PCS	10001959	1	0	0	0
0	PAD 20 508MM ECO WHITE 5PCS	10001960	1	0	0	0
Special Pad						
	PAD 20 508MM ECO BRILLIANCE BLUE 2PCS	10002349	1	0	0	0
	PAD 20 508MM ECO BRILLIANCE GREEN 2PCS	10002351	1	0	0	0
	PAD 20 508MM ECO BRILLIANCE RED 2PCS	10002348	1	0	0	O



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

	Accessories	Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION X BR	SC500 53R NIL LITHIUM- ION X	SC500 53RD NIL LITHIUM- ION
	PAD 20 508MM ECO BRILLIANCE YELLOW 2PCS	10002350	1	0	0	0
Ecoflex Syste	m		1			
	ECOFLEX BOTTLE ASSY	56104190	1	0	0	0
	ECOFLEX DETERGENT KIT SC500	9100002395	1			
External Char	ger	l	1		1	
8	CHARGER HF 24V 10A SB120R	80512410	1	0	0	0
8	CHARGER HF 24V 13A SB120R	80532413	1	0	0	0
Battery						
and the second s	BATT.12V-85AH WET SEMI T MONOBLOC	80564800	2	0	0	0
	BATT.12V-110AH WET SEMI T MONOBLOC	L00200049	2	0	0	0
	BATT. 12V-76AH GEL MONOBLOC	80564310	2	0	0	0
	BATT. 12V-105AH GEL MONOBLOC	80564400	2	0	0	0
an an	BATT. 12V-110AH WET TUBULAR MONOBLOC	80564600	2	0	0	0
	BATTERY, 24V, LI-ION, 7S20P, MH1	106479002	0	•	•	•
Pad Holder						
0	PAD HOLDER BRISTLE 20 530MM CPL	L08837018	1	0		



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

	Accessories	Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION X BR	SC500 53R NIL LITHIUM- ION X	SC500 53RD NIL LITHIUM- ION
	PAD HOLDER FLAT 20 508MM	9099671000	1	0		
Other				1	1	
Y	AUTOMATIC WATER FILLING KIT	910000005	1	0	0	0
	FILTER ANTIFOAMING	909 5065 000	1	0	0	0
	HIGH POWER VACUUM MOTOR 24V 450W KIT	9100000491	1	0		
Ø	HOSE FILLING SIP	9100000703	1	•	•	•
	LITHIUM ION EXPANSION KIT 24V	9100003110	0	0	0	0
	MOP AND TRASH KIT	9100002280	1			
~	SMART KEY-SUPERVISOR	56116519	1	•	•	•
	SMART KEY-USER	56116518	1	•	•	•
C.	TRAY DEBRIS KIT	9100000795	1			
	USB PORT KIT SC500	9100002403	1			
Disc Brush 53	10 mm					
0	BRUSH DISC 530MM 21 AGLITE GRIT 500	L08837067	1	O		
0	BRUSH DISC 530MM 21 DYNA GRIT 80	L08837066	1	0		



	Accessories	Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION X BR	SC500 53R NIL LITHIUM- ION X	SC500 53RD NIL LITHIUM- ION
0	BRUSH DISC 530MM 21 GRIT 180 GREY	L08837028	1	O		
0	BRUSH DISC 530MM 21 MAGNA GRIT 46	L08837065	1	0		
0	BRUSH DISC 530MM 21 MID GRIT 240	L08837029	1	0		
0	BRUSH DISC 530MM 21 PROLENE BLUE	L08837025	1	0		
0	BRUSH DISC 530MM 21 PROLITE BLUE	L08837026	1	0		
2	BRUSH DISC 530MM 21 UNION MIX	L08837027	1	0		
Squeegee Bla	ade					
	BLADES SQUEE. 700MM 28 GUM RUBBER KIT	910000810	1	•	•	•
li anti anti anti anti anti anti anti ant	BLADES SQUEEGEE 700MM 28 PU KIT	9100000490	1	0	0	0
	BLADES SQUEEGEE 700MM 28 RED GUM KIT	9100000060	1	0	0	0
On-Board Cha	arger					
٩	CHARGER BATT O/B JP 24V 13A 100-240V KIT	9100001710	1			
۵.	CHARGER BATT. O/B 24V 13A 100-230V KIT	9099995000	1			
Splash Guard						



Scrubber dryers

Carefully designed to improve productivity and drive down your cleaning cost

	Accessories	Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION X BR	SC500 53R NIL LITHIUM- ION X	SC500 53RD NIL LITHIUM- ION
\bigcirc	SPLASH GUARD BRISTLE 510MM 20 KIT	9100001441	1	0		
Accessory Kit	ł					
T	WHEEL CASTOR D.80 SS 2PCS SET	9100001581	1			

ullet Standard equipment, $^{\bigcirc}$ Supplementary accessories, $^{\square}$ Mountable equipment

	Accessories	Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION BR
Pad 20" / 508 mm				
0	PAD 20 508MM ECO BLACK 5PCS	10001955	1	0
0	PAD 20 508MM ECO BLUE 5PCS	10001956	1	0
0	PAD 20 508MM ECO BROWN 5PCS	10001957	1	0
0	PAD 20 508MM ECO GREEN 5PCS	10001958	1	0
0	PAD 20 508MM ECO RED 5PCS	10001959	1	0
0	PAD 20 508MM ECO WHITE 5PCS	10001960	1	0
Special Pad				
	PAD 20 508MM ECO BRILLIANCE BLUE 2PCS	10002349	1	0
	PAD 20 508MM ECO BRILLIANCE GREEN 2PCS	10002351	1	0



	Accessories	Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION BR
	PAD 20 508MM ECO BRILLIANCE RED 2PCS	10002348	1	0
	PAD 20 508MM ECO BRILLIANCE YELLOW 2PCS	10002350	1	0
Ecoflex Syste	m			
	ECOFLEX BOTTLE ASSY	56104190	1	o
	ECOFLEX DETERGENT KIT SC500	9100002395	1	
External Char	ger			
80	CHARGER HF 24V 10A SB120R	80512410	1	0
	CHARGER HF 24V 13A SB120R	80532413	1	0
Battery				
	BATT.12V-85AH WET SEMI T MONOBLOC	80564800	2	0
	BATT.12V-110AH WET SEMI T MONOBLOC	L00200049	2	0
	BATT. 12V-76AH GEL MONOBLOC	80564310	2	0
	BATT. 12V-105AH GEL MONOBLOC	80564400	2	0
	BATT. 12V-110AH WET TUBULAR MONOBLOC	80564600	2	0
	BATTERY, 24V, LI-ION, 7S20P, MH1	106479002	0	•
Pad Holder				



	Accessories	Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION BR
0	PAD HOLDER BRISTLE 20 530MM CPL	L08837018	1	0
	PAD HOLDER FLAT 20 508MM	9099671000	1	0
Other		1		
Y	AUTOMATIC WATER FILLING KIT	9100000005	1	0
	FILTER ANTIFOAMING	909 5065 000	1	0
	HIGH POWER VACUUM MOTOR 24V 450W KIT	9100000491	1	0
Ø	HOSE FILLING SIP	9100000703	1	•
	LITHIUM ION EXPANSION KIT 24V	9100003110	0	0
	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				
0	BRUSH DISC 530MM 21 AGLITE GRIT 500	L08837067	1	o



	Accessories	Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION BR
0	BRUSH DISC 530MM 21 DYNA GRIT 80	L08837066	1	0
0	BRUSH DISC 530MM 21 GRIT 180 GREY	L08837028	1	0
0	BRUSH DISC 530MM 21 MAGNA GRIT 46	L08837065	1	0
0	BRUSH DISC 530MM 21 MID GRIT 240	L08837029	1	0
0	BRUSH DISC 530MM 21 PROLENE BLUE	L08837025	1	0
0	BRUSH DISC 530MM 21 PROLITE BLUE	L08837026	1	0
0	BRUSH DISC 530MM 21 UNION MIX	L08837027	1	0
Squeegee Bla	ade	1		
	BLADES SQUEE. 700MM 28 GUM RUBBER KIT	9100000810	1	•
	BLADES SQUEEGEE 700MM 28 PU KIT	9100000490	1	0
	BLADES SQUEEGEE 700MM 28 RED GUM KIT	910000060	1	0
On-Board Charger				
	CHARGER BATT O/B JP 24V 13A 100-240V KIT	9100001710	1	



	Accessories	Ref. no.	Min. required	SC500 53D NIL LITHIUM- ION BR
	CHARGER BATT. O/B 24V 13A 100-230V KIT	9099995000	1	
Splash Guard	Splash Guard			
\bigcirc	SPLASH GUARD BRISTLE 510MM 20 KIT	9100001441	1	0
Accessory Kit				
5	WHEEL CASTOR D.80 SS 2PCS SET	9100001581	1	

