

# SC370 – Walk-behind scrubber dryer



**NILFISK**

# Agenda

1

Value Proposition

2

Primary application and use

3

Key features and benefits

4

Product summary

5

Accessories

6

Technical specifications





# Value Proposition

A **compact, intuitive** walk-behind scrubber dryer for **efficient, consistent** cleaning of hard-floor surfaces



# Primary application & use

Nilfisk is introducing a new platform to the small scrubber drier range:

**SC370:** 43 cm/17 inch; 25/25L, battery version

## Main customer segments are:

- Primary: CC, Retail, Hospitality, Education
- Secondary: ABCA, Light Industry

## Main Jobs to be done/Applications are:

- Light cleaning of facilities around 500 - 3000 sqm
- Daily cleaning up to 3 hours a day
- Small supermarkets, shops, hotel lobby, school rooms, ...
- Various hard floors: tiles, concrete, stone, plastic, epoxy, etc..
- Type of dirt: general dirt, grease, spills of liquids



# Key features & benefits

## COMPACT DESIGN & SIMPLE OPERATIONS

- Intuitive **control panel** with One-button start and all main cleaning functions controlled from operator's position
- **Adjustable handle** to fit different operators' height – it also can be completely folded down for easy storage or transport
- **Squeegee design** helps to keep compact dimensions and maneuverability in small or congested areas

## PRODUCTIVE AND EFFICIENT

- **Silent mode** reduces sound level to clean in noise sensitive applications and daytime
- **Eco Mode** reduces energy consumption in lighter cleaning applications and increase productivity
- 3 adjustable solution-flow settings

## EASY MAINTENANCE

- Solution-filling port at machine's front
- Solution-level indicator
- Solution filter
- Automatic float shut-off system
- Drain hose with squeezable flow control
- Clickable brush OFF button
- Tool-free removal of squeegee blades
- Easy battery-compartment access

# Simple, easy operation

## Control panel





# Simple, easy operation

## Adjustable handle and safety switches

- Safety switches can be used individually for single-handed operation
- Automatically activate brush and solution
- The handle can be adjusted for better ergonomics during cleaning operations
- Can also be folded down for storage or when transported



# How to use the machine

## Machine operation



### How to attach the brush/pad

Lift the deck by pressing the pedal and place the brush or the pad-holder under the deck. Lower the deck on the brush/pad-holder by pressing the pedal.



### Engage the brush/ padholder

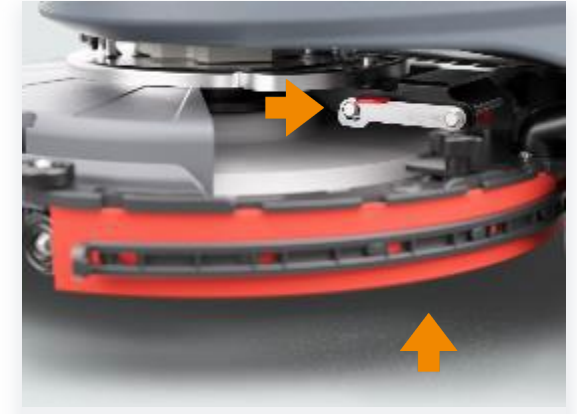
Push the One-Touch start button and press one of the safety switch levers on the handle to engage the brush/pad-holder, then release it.

For click off raise the deck and use the click off button under the green main on/off button.



### Squeegee connected to the scrub deck

The Squeegee is raised and lowered with the deck. It can be fixed in up position if lifted by hand until it locks, useful for double scrubbing.



### Double scrubbing

Lift the squeegee up by hand until it locks in up position and turn suction off for double scrubbing.

To go back to working mode, use the red lever to release the squeegee and turn suction on again.



# Productive and Efficient

## Eco and Silent Mode (battery version)

**Eco mode** targets CC with extended use and increased productivity

### ECO mode

- Vacuum-motor power reduced
- Brush-motor speed reduced
- Solution flow set to lowest level
- Battery runtime increased with lower power consumption



**Energy consumption is reduced during cleaning**

**Silent mode** targets Education and CC with sound-sensitive or daytime cleaning capability

**Silent mode** (Press button for >2sec)

- Vacuum-motor power reduced by ~40%
- Noise level decreases by 5-7dB

Normal mode



Silent mode



# Easy daily maintenance

## Solution tank



Solution-filling port at machine's front



Solution-level indicator with colored ball simplifies the control of the solution level.



Solution filter enables operator to check and clean filter

# Easy daily maintenance

## Recovery tank



Automatic float shut-off system blocks the vacuum system when the recovery tank is full. Prevents overflowing of dirty water out of the machine



Drain hose with squeezable flow control



Tank-lid retainer prevents it from falling off, and lid parks when not in use to prevent odor



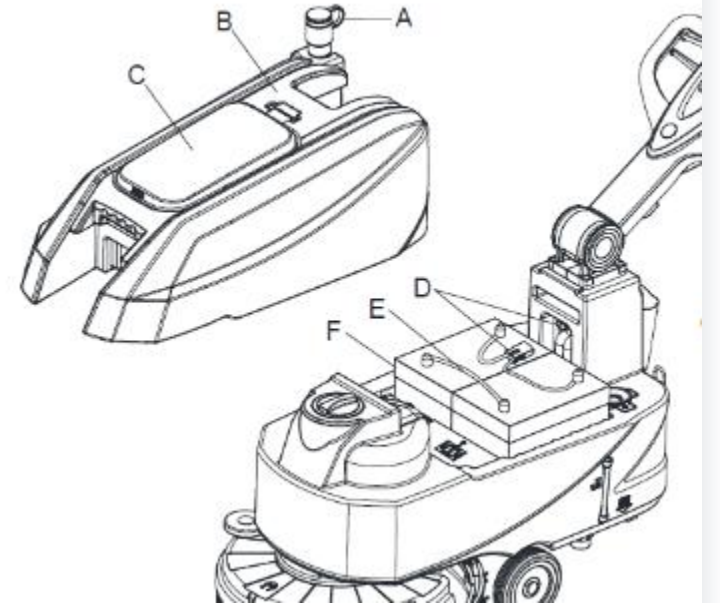
# Easy daily maintenance



Brush/pad click OFF button  
usable from operator's position



Tool-free removal, cleaning,  
and reinstall of squeegee blades



Recovery tank can be removed  
from machine giving easy access to  
battery compartment

# Product Summery

## Dashboard

Intuitive and easy to operate with

- One start button
- ECO mode
- Silent Mode
- Click off button

## On board charger as standard

## Squeezable hose for dirty water

## Solution level indicator

**Foot pedal** to lift and lower  
squeegee and deck

**Safety switches** can be used  
individually for single-handed  
operation

**Large, rugged tanks** improve  
working efficiency, by reducing  
dump- and-fill count

## Solution-filling port

**Deck-mounted bumpers** to  
prevent damage

**Integrated squeegee with deck**  
No tools required for blade  
removal



# Accessories Included

Default accessories

		BATTERY	BATTERY
		EU & UK	US
		SCRUBBER SC370 43B-EU	SCRUBBER SC370 17B-US
Stock code	Description	50000627	50000638
VS15439	SKIRT BRISTLE KIT	•	•
9100000144	PAD HOLDER FLAT 17" 432MM	•	•
9097469000	BRUSH DISC 430MM 17 PROLENE BLUE	•	•
55942487	BLADE SQUEEGEE RUBBER KIT	•	•
80565521	BATT.12V-70Ah AGM C5 (Fullriver)	•	•



# Accessories list

						BATTERY	BATTERY
						EU & UK	US
						SCRUBBER SC370 43B- EU	SCRUBBER SC370 17B-US
Phase in/out	Stock code	Accessory	ID	Acc Group	Quantity	50000627	50000638
Existing	VS15439	SKIRT BRISTLE KIT	1235	Splash Guard	1	I	I
Existing	9100000144	PAD HOLDER FLAT 17" 432MM	1012	Pad Holder	1	I	I
Existing	9097469000	BRUSH DISC 430MM 17 PROLENE BLUE	1012	Disc Brush 430 mm	1	I	I
Existing	9097580000	BRUSH DISC 430MM 17 PROLITE BLUE	992	Disc Brush 430 mm	1	A	A
Existing	9097581000	BRUSH DISC 430MM 17 UNION MIX BLUE	992	Disc Brush 430 mm	1	A	A
Existing	9097578000	BRUSH DISC 430MM 17 GRIT 240 GREY	992	Disc Brush 430 mm	1	A	A
Existing	9097579000	BRUSH DISC 430MM 17 GRIT 180 GREY	992	Disc Brush 430 mm	1	A	A
New	55942487	BLADE SQUEEGEE RUBBER KIT	1204	Squeegee Blade	1	I	I
New	55942488	BLADE SQUEEGEE PU KIT	1204	Squeegee Blade	1	A	A
Existing	VS15409	BACK ACCESSORY BOX KIT	1041	Others	1	A	A
Existing	80565521	BATTERIES FULLRIVER 70 Ah C5 DC85-12	980	Battery	2	I	I
Existing	10002337	PAD 17 432MM ECO BRILLIANCE BLUE 2PCS	1024	Pad 17" / 432 mm	1	A	A
Existing	10002339	PAD 17 432MM ECO BRILLIANCE GREEN 2PCS	1024	Pad 17" / 432 mm	1	A	A
Existing	10002336	PAD 17 432MM ECO BRILLIANCE RED 2PCS	1024	Pad 17" / 432 mm	1	A	A
Existing	10002338	PAD 17 432MM ECO BRILLIANCE YELLOW 2PCS	1024	Pad 17" / 432 mm	1	A	A
Existing	10001938	PAD 17 432MM ECO BLACK 5PCS	1024	Pad 17" / 432 mm	1	A	A
Existing	10001939	PAD 17 432MM ECO BLUE 5PCS	1024	Pad 17" / 432 mm	1	A	A
Existing	10001940	PAD 17 432MM ECO GREEN 5PCS	1024	Pad 17" / 432 mm	1	A	A
Existing	10001941	PAD 17 432MM ECO RED 5PCS	1024	Pad 17" / 432 mm	1	A	A
Existing	10001937	PAD 17 432MM ECO TAN 5PCS	1024	Pad 17" / 432 mm	1	A	A
Existing	10001936	PAD 17 432MM ECO WHITE 5PCS	1024	Pad 17" / 432 mm	1	A	A
Existing	9100000787	CABLE EXTENSION EU PLUG L.2000MM SIP	1041	Others	1	I	
Existing	9100000890	CABLE EXTENSION US PLUG L.2000MM SIP	1041	Others	1		I
Existing	1466318000	CABLE EXTENSION UK PLUG L.2000MM SIP	1041	Others	1	I	

# Main Technical specifications

Parameter Type	Units	SC370 43B
Voltage	DC	24 V
Rated Power	W/A	905 W
Solution tank capacity	L / Gal	25 L / 6.6 Gal.
Recovery tank capacity	L / Gal	25 L / 6.6 Gal.
Machine Length	mm/Inches	1020 mm / 40.1 Inches
Machine width with squeegee	mm/Inches	570 mm / 22.4 Inches
Machine width without squeegee	mm/Inches	485 mm / 19.1 Inches
Machine Height (without handle)	mm/Inches	647 mm / 25.5 Inches
Machine Height (with vertical handle)	mm/Inches	1182 mm / 46.5 Inches
Working width	mm/Inches	432 mm / 17 Inches
Driving wheel diameter	mm/Inches	153 mm / 6 Inches
Rear castor wheel diameter	mm/Inches	89 mm / 3.5 Inches
Brush/Pad diameter	mm/Inches	432 mm / 17 Inches
Brush/Pad pressure (max)	Kg/Lbs.	19 Kg / 41.8 Lbs
Solution Flow (max) per setting	L / Gal per minute	0.59/0.69/1.11/1.68 Liters / 0.16/0.18/0.29/0.44 Gallons
Sound pressure level	dB(A)	67±3 dB(A)
Sound pressure level in ECO mode or in silent mode	dB(A)	63±3 dB(A)
Handle Vibration Level (max)	m/s <sup>2</sup>	< 2.5 m/s <sup>2</sup>
Climbing capacity (max)	% grade	2%
Min. aisle turn	cm/Inches	103 cm / 40.5 Inches
Vacuum motor power	Watt / H.P.	300 W / 0.4 HP
Vacuum capacity	mm/In of H <sub>2</sub> O	900 mm / 35.4 In of H <sub>2</sub> O
Vacuum capacity in ECO mode or in silent mode	mm/In of H <sub>2</sub> O	650 mm / 25.6 In of H <sub>2</sub> O
Brush motor power	Watt / H.P.	400 W / 0.54 HP
Brush speed in normal mode	RPM	140 RPM
Brush speed in ECO mode	RPM	100 RPM
IP protection class	IP	IPX24
Battery Compartment Size (L x W x H)	mm/Inches	265x350x230 mm / 10.4x13.8x9.1 Inches
Batteries (*)	Ah	85 Ah C20 / 67Ah C5
Battery run time (standard batteries) (*)	Hour	Up to 4 hours
On-Board Charger (*)	Volts/Amps	24 V 10 A
Productivity (max)	m <sup>2</sup> /h(sq. ft./hr )	1720 m <sup>2</sup> /h 18,500 sq. ft./hr
Machine weight with empty tanks (without batteries)	Kg/Lbs.	58 Kg / 128 Lbs.
Gross Vehicle Weight (GVW)	Kg/Lbs.	134 Kg / 295 Lbs
Shipping Weight	Kg/Lbs.	137 Kg / 302 Lbs.
Packing dimensions (L x W x H)	mm/Inches	1130x730x1040 mm / 44.5x28.7x41 Inches

