

SC401

Walk-Behind Automatic Scrubber



Consistent cleaning performance with the SC401

The compact and highly maneuverable Advance SC401 walk-behind scrubber offers all the speed, accuracy and ease-of-use you need for your daily floor cleaning. The 4 wheel system provides stability and makes the SC401 easy to maneuver in both transport and working modes. With SilentTech™ technology, the SC401 reduces the sound level to 60 ±3 dBA in Quiet Mode, making it ideal for daytime cleaning in sound sensitive environments.

Easy Maintenance

Featuring complete access to all critical machine components, the SC401 provides easy maintenance. The large recovery lid allows full access for inspection and cleaning of the tank. An integrated debris catch cage traps and collects drain clogging debris.

OneTouch™ Scrubbing



Simple to operate, the SC401 is activated by pressing the OneTouch™ Scrubbing button. The built-in sensors in the machine's handle acknowledge the operator's presence and the machine is engaged. The Electronic Solution flow control is mounted on the control panel within easy reach to adjust while in use to accommodate changing floor conditions. To prevent dry scrubbing and possible damage to the floor, the SC401 offers a brush pre-wet feature.



- 1** OneTouch™ scrubbing to begin machine operation.
- 2** Fully accessible recovery tank with debris catch cage allows for simple cleanup.
- 3** Front filling port with filling hose and quick connect coupling.
- 4** Energy saving brush motor control system to extend run time.
- 5** Available in traction drive or pad assist.
- 6** Four wheel system stabilizes machine for ease of maneuverability and transport.
- 7** Redesigned parabolic squeegee provides exceptional water pickup.



Patented squeegee blade system makes maintenance fast and simple through blade flipping – four wear edges.



SilentTech™ sound insulated vacuum motor delivers 60 ±3 dB(A) in Quiet Mode for noise sensitive environments.



Optional detergent mixing system (allows for flexible detergent setting or water only cleaning).

Grocery Stores Hospitals and Healthcare Facilities
Restaurants
Convenience Stores Retail Outlets
Schools and Universities

SC401 – Battery Operated Walk-Behind Scrubber

Technical Specifications

Models	SC401 B	SC401 B Traction
Solution tank	7.9 gal (30 l)	7.9 gal (30 l)
Recovery tank	7.9 gal (30 l)	7.9 gal (30 l)
Brush type	1 Disc	1 Disc
Brush / Pad & Size	17 in (430 mm)	17 in (430 mm)
Voltage	24V	24V
Water flow gpm (L/Min)	0.08 / 0.18/ 0.53 (0,3 / 0,7 / 2)	0.08 / 0.18/ 0.53 (0,3 / 0,7 / 2)
Detergent mixing settings (%)	0.25, 0.4, 0.8, 1.0, 1.5, 2.0	0.25, 0.4, 0.8, 1.0, 1.5, 2.0
Brush pressure	55 lb (25 kg)	55 lb (25 kg)
Sound pressure level Normal Mode / Quiet Mode dB(A)	65 ±3 / 60 ±3	65 ±3 / 60 ±3
Brush motor speed (RPM)	140	140
Brush motor	0.60 hp (450 W)	0.60 hp (450 W)
Drive motor	-	0.20 hp (150 W)
Vacuum motor	0.37 hp (280 W)	0.37 hp (280 W)
Maximum gradient when working (%)	2	2
Productivity rate theoretical / practical	12,739 / 5,917 ft²/h (1,183 / 550 m²/h)	17,000 / 7,883 ft²/h (1.579 / 732 m²/h)
Battery compartment size (LxWxH)	13.8 x 13.8 x 10.2 in (35 x 35 x 26 cm)	13.8 x 13.8 x 10.2 in (35 x 35 x 26 cm)
Length x width w/o squeegee x height	46x18x42 in (1180 x 458 x 1055 mm)	46x18x42 in (1180 x 458 x 1055 mm)
Squeegee width	28.3 in (720 mm)	28.3 in (720 mm)
IP protection class	IPX4	IPX4
Weight without batteries and with empty tanks	134 lb (61 kg)	161 lb (73 kg)
Gross vehicle weight	333 lb (151 kg)	359 lb (163 kg)
Vibration level at operator's arms (m/s²)	< 2,5	< 2,5

Specifications are subject to change without notice.



Smart Cleaning

Our products are designed using innovative technologies that increase productivity that drive down the cost to clean.

Service Solutions

Maintain peak performance with Nilfisk Parts to lower your overall cost of ownership.

Optional Accessories:

- Wide variety of pads
- Wide variety of brushes
- Bristle splash skirt
- Linatex™ squeegee blade kit
- Polyurethane (PU) squeegee blade kit
- Detergent mixing system
- Accessory basket with mop holder kit
- Key option
- USB port
- Meter hour 24V kit

Visit <http://www.nilfisk.us> or contact your Nilfisk Sales Representatives to learn more.

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