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NSS Enterprises, Inc.



24-INCH MICRO-RIDER SCRUBBER

CHAMP 2417 RB

The Champ 2417 delivers high productivity in a small package. With a 24" cleaning path, the Champ 2417 cleans 20% faster than similarly sized 20" rider scrubbers.

- Easy to use. A single button controls the scrub deck and the vacuum motor
- Maneuverable. The compact design, combined with a squeegee that swings tightly around the scrub deck, lets you pick up water during sharp turns.
- Efficient. Scrub up to 32,100 ft^2 per hour and make fewer trips to refill the machine because of the Champ 2417's sizable 17 gallon solution tank.
- Conservation mode. Press the green leaf button to operate the scrubber with minimal water flow, chemical usage, brush speed and vacuum motor speed for maximum water and power efficiency.

DO NO HARM™

Conservation mode is a standard feature on the Champ 2417. It limits water, chemical and power to the minimum needed to clean the floor.

Printed on Green Seal® certified paper that contains 30% recycled post-consumer fiber.

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SPECIFICATIONS

CHAMP 2417 RB

Cleaning Path	24 inches (61 cm)		
Pad Driver	Two 12 inch poly block tufted (Standard)		
Pad Pressure	55 lb (25 kg)		
Brushes	Two 12 inch brushes required (After-market)		
Solution Tank	17 gallons (64 l)		
Recovery Tank	17 gallons (64 l)		
Squeegee Width Material	Curved 30.3 inches (77 cm) Linatex Rubber		
Brush Motor	0.33 HP (250 W) permanent magnet 175 RPM		
Vacuum Motor Water Lift	3-stage, bypass, 0.54 HP (400 W) 50 inches (1168 mm)		
Drive Motor Drive Speed Drive Wheel	0.4 HP (300 W), permanent magnet Up to 3.1 mph (5 kph) 7.9" (20 cm) non-marking rubber		
Batteries	2 x 12V, 135 AH Wet Acid 2 x 12V, 110 AH AGM		
Battery Charger	On-board, 100V - 240V input		
Run Time	130 AH Wet Acid, up to 3.0 hours 110 AH AGM, up to 2.5 hours		
Sound Level	69 dbA		
Dimensions	L 52 in (134 cm)	W 23.6 in (77 cm)	H 44.5 in (113 cm)
Weight		130 AH Wet	110 AH AGM
	Machine Only	530 lbs	497 lbs
	Shipping	615 lbs	582 lbs
Shipping Class	77		
Warranty	3 years parts, 1 year labor, 10 years on tanks		
Productivity ft²/hr (m²/hr)	Practical 14,900 (1,384)	Theoretical 32,100 (2,982)	



1. An hour meter helps track regular maintenance tasks.
2. The ergonomic seat and steering wheel make the Champ 2417 comfortable to use.
3. The percolator breaks down foam, protecting the vacuum motor from damage.
4. A float switch protects the vacuum motor from liquid or foam damage.
5. The clear solution tank hose shows the amount of cleaning solution remaining and allows easy draining of the solution tank.
6. A solenoid valve near the brush head prevents solution flow when the brushes are not moving.
7. The squeegee swings wide on turns leaving the floor dry and easily fits through most doorways.
8. (Optional) This scrubber comes with a Linatex rubber squeegee blade. Oil-resistant Urethane squeegee blades are available as after market replacement blades.
9. A debris filter helps keep the recovery tank clean.
10. A slide-out battery tray allows for easy battery maintenance.

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OPTIONS AND ACCESSORIES

SENTRY

Monitor machine use through the internet. Sentry helps you manage your fleet by reporting machine usage, charge cycles and more.

ECOSTRIP

Ecostrip 400 pads are coated with a specially formulated diamond abrasive that can remove layers of floor finish without stripping chemicals.

BRUSHES

Five types of brushes can be purchased for the Champ 2417.

- 0.3 mm Polypropylene for light scrubbing of delicate surfaces
- Polypropylene for light scrubbing, general purpose
- Nylon bristle for medium scrubbing
- 0.7 mm abrasive Tynex bristles for heavy scrubbing
- Frayed bristles for textured surfaces

Specifications subject to change without notice.
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