



NSS Enterprises, Inc.

## RIDE-ON AUTOMATIC SCRUBBERS

# CHAMP

The Champ series scrubbers from NSS® get the job done with big ride-on power. Their 36V electrical system package delivers up to 30 percent more run time than a comparably configured 24V machine, so the Champs give you more of what you expect from a ride-on automatic scrubber.

- **Maneuverability.** The single front-drive wheel turns 90 degrees in both directions, so it needs only 67-70 inches to turn around.
- **Power.** With its 1 HP drive motor and powerful 36V power system, the Champ has guts enough to power up most loading ramps.
- **On-Board Battery Charging.** Allows instantaneous charging of the batteries wherever there's an electric outlet—no more hauling out separate battery chargers.
- **High Productivity.** Available in 29, 33, and 35-in widths. Clean between 18,000 and 22,000 ft<sup>2</sup>/hr.



**DO NO HARM™**

Durability is the Champ's sustainability strategy. Designed with a heavy-duty frame and stainless steel hardware, the Champ stays on the job, and out of landfills year after year.

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

# SPECIFICATIONS CHAMP SCRUBBERS

| Model                                   | 2929   | 3329                               | 3529                               |
|---|--|------------------------------------|------------------------------------|
| <b>Cleaning Path</b>                    | 29 in (737 mm)                                       | 33 in (838 mm)                     | 35 in (889 mm)                     |
| <b>Brush/Pad</b>                        | 2 x 15 in  | 2 x 17 in                          | 2 x 18 in                          |
| <b>Solution Tank</b>                    | 29 gal (110 L)                                       | 29 gal (110 L)                     | 29 gal (110 L)                     |
| <b>Recovery Tank</b>                    | 32 gal (121 L)                                       | 32 gal (121 L)                     | 32 gal (121 L)                     |
| <b>Brush Motor (HP)</b>                 | 2.0 (1490 W)   | 2.5 (1860 W)                       | 2.5 (1860 W)                       |
| <b>Brush Motor (RPM)</b>                | 300  | 300                                | 220 or 300                         |
| <b>Pad Pressure (Lbs)</b>               | 115 or 230<br>(52 or 104 kg)                         | 115 or 230<br>(52 or 104 kg)       | 115 or 230<br>(52 or 104 kg)       |
| <b>Vacuum Motor (HP)</b>                | 0.75 (560 W)   | 0.75 (560 W)                       | 1.0 (746 W)                        |
| <b>Vacuum Motor (CFM)</b>               | 72 (2.0 m <sup>3</sup> /m)                           | 72 (2.0 m <sup>3</sup> /m)         | 99 (2.8 m <sup>3</sup> /m)         |
| <b>Water Lift (in)</b>                  | 60 (152 cm)  | 60 (152 cm)                        | 80 (203 cm)                        |
| <b>Drive Motor (HP)</b>                 | 1.0 (746 W)  | 1.0 (746 W)                        | 1.0 (746 W)                        |
| <b>Drive Wheel</b>                      | 12 in x 4 in<br>30 cm x 10 cm                        | 12 in x 4 in<br>30 cm x 10 cm      | 12 in x 4 in<br>30 cm x 10 cm      |
| <b>Drive Wheel Material</b>             | Slip resistant, non marking rubber                   | Slip resistant, non marking rubber | Slip resistant, non marking rubber |
| <b>Drive Speed (ft/min)</b>             | 240 (73 m)   | 240 (73 m)                         | 240 (73 m)                         |
| <b>Batteries, Quantity</b>              | 6 x 6V   | 6 x 6V                             | 6 x 6V                             |
| <b>Batteries, Type and Size</b>         | 220 AH AGM<br>235 AH Wet<br>330 AH AGM<br>350 AH Wet | -<br>-<br>330 AH AGM<br>350 AH Wet | -<br>-<br>330 AH AGM<br>350 AH Wet |
| <b>Run Time (Hours)</b>                 |  |                                    |                                    |
| 220 AH AGM                              | Up to 2.5  | -                                  | -                                  |
| 235 AH Wet                              | Up to 3.0  | -                                  | -                                  |
| 330 AH AGM                              | Up to 3.5  | Up to 3.5                          | Up to 3.5                          |
| 350 AH Wet                              | Up to 4.0  | Up to 4.0                          | Up to 4.0                          |
| <b>Sound Level (dBA)</b>                | 69   | 69                                 | 69                                 |
| <b>Productivity (ft<sup>2</sup>/hr)</b> |  |                                    |                                    |
| Theoretical                             | 40,000 (3,710 m <sup>2</sup> )                       | 45,500 (4,220 m <sup>2</sup> )     | 47,800 (4,440 m <sup>2</sup> )     |
| Practical                               | 18,500 (1,720 m <sup>2</sup> )                       | 21,000 (1,950 m <sup>2</sup> )     | 22,350 (2,070 m <sup>2</sup> )     |
| <b>Warranty</b>                         | 3 years parts, 10 years on tanks                     |                                    |                                    |



1. Ergonomically-sound steering wheel and adjustable column pivot makes longer rides more comfortable.
2. Flip up battery cover allows easy access to the 36V battery system for inspection and maintenance.
3. 29 gallon solution tank and 32 gallon recovery tank let you clean more between refills.
4. Anti-roll bar protects against accidental tipping if the operator turns too quickly.
5. A 7-gauge powder coated steel frame runs the full length of the machine. This solid foundation means that the Champ will be on the job for year after year.
6. Abrasion resistant Linatex squeegee blade standard. Optional oil resistant urethane blades available.
7. Optional lighting kits available. Add a headlight or an overhead flashing light with one of the aftermarket lighting kits.

| Model                  | 2929                                 | 3329                                  | 3529                                  |
|------------------------|--------------------------------------|---------------------------------------|---------------------------------------|
| Dimensions (L x W x H) | 64 x 33 x 53 in<br>163 x 84 x 135 cm | 69 x 43 x 53 in<br>175 x 109 x 135 cm | 69 x 43 x 53 in<br>175 x 109 x 135 cm |
| Machine Wt             |                                      |                                       |                                       |
| 220 AGM                | 1,017 (461 kg)                       | -                                     | -                                     |
| 235 Wet                | 1,013 (460 kg)                       | -                                     | -                                     |
| 330 AGM                | 1,268 (575 kg)                       | 1,280 (580 kg)                        | 1,326 (601 kg)                        |
| 350 Wet                | 1,259 (572 kg)                       | 1,271 (576 kg)                        | 1,317 (597 kg)                        |
| Shipping Wt            |                                      |                                       |                                       |
| 220 AGM                | 1,193 (540 kg)                       | -                                     | -                                     |
| 235 Wet                | 1,189 (539 kg)                       | -                                     | -                                     |
| 330 AGM                | 1,417 (642 kg)                       | 1,429 (648 kg)                        | 1,475 (669 kg)                        |
| 350 Wet                | 1,408 (638 kg)                       | 1,420 (644 kg)                        | 1,466 (664 kg)                        |
| Shipping Class         | 70                                   | 70                                    | 70                                    |



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## OPTIONS AND ACCESSORIES

### SIDEKICK



Reduce chemical usage with the Sidekick Chemical Metering System. Accurately add chemicals to clean water as you use it. Zero waste. Prevents clogs in the solution tank.

### 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.

### WHISKER



Reduce dust mopping by up to 80%. Whisker uses a combination of rotating brushes and a vacuum motor to collect debris while you scrub.

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