



champ 3529

Ride-On Automatic Scrubber



The Little Ride-On With 'Oomph' Just Got Bigger. For those who love the performance characteristics of the Champ 2929 but need to clean larger floors, the Champ 3529 is the perfect Ride-On scrubber.

Maneuverability. Because of its single front-drive wheel, the Champ 3529 is a deft and maneuverable performer. Its front wheel turns 90 degrees in both directions — unlike most of its competitors — so it needs only 70 inches in which to turn around. And when you need to go through doorways, simply remove the side skirts, squeegee and pad drivers and you're ready to go.

Power. With its 1 HP drive motor and powerful 36V. power system, the new Champ 3529 has guts enough to power up most loading ramps. And more than enough to outlast many other machines in its class.

More Wet Vacuuming Power. The Champ 3529's 1 HP vacuum motor achieves 80-in. of water lift — substantially more wet vacuuming power than most other machines in its class.

More Scrubbing Power. The 2.5 HP brush motor — compared with the 2 HP brush motor of comparable competitive machines — powers the twin 18-inch brushes. The wide 35-inch scrubbing path allows the Champ 3529 to clean over 46,000 square feet per hour.

Less Operator Fatigue. Like any ride-on, the Champ 3529 can make your people more productive — by up to 50 percent, according to some workload studies — versus walk-behind machines. Your staff will clean longer — and more thoroughly — with far less fatigue. And they will look forward to cleaning the floors, instead of putting off the job.

Greater Productivity. The result of all these superlatives: Greater productivity — per charge, per day, per week, per year.

For the same reliable, rugged dependability of its smaller brother, the Champ 3529 covers more floor with greater productivity. With its enhanced brush and vacuum motors the Champ 3529 is ideal for facilities with large areas of open floor such as department stores, malls, airport terminal corridors and light industrial applications.

Taking 'Oomph' to the next level.

NSS Enterprises, Inc.
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We Call It The Champ Because of Its Guts.

More is More.

The Champ 3529 delivers more of what you buy a ride-on for:

More power. A wider workpath. Greater vacuuming power. Greater run time. And a far greater scrubbing capacity per charge.

All with the durability and serviceability—and 'uncommon-sense' design features—that are synonymous with an NSS®-built machine.

Some examples? Here are just a few of many:

The Champ 3529's squeegee retracts to a higher point than some other units, so it's easy to change. And the squeegee assembly won't catch on ramps, etc. during transport.

The exclusive NSS X-IQ Electronic Control System, the brains of the Champ 3529, allows the operator to monitor all machine functions from an LCD screen on the control panel.

The Champ 3529 features 80-in. of water lift — substantially more wet vacuuming power than most machines in its class.

The Champ 3529 has a more powerful brush drive motor than other units in its class — 2.5 HP vs. other's 2 HP.

And we've incorporated a variety of tie-down notches, so securing the unit in a moving vehicle is easier.



**70-Inch
Turning
Radius**

The single front-drive wheel pivots 90 degrees in both directions; most other machines do not. The Champ 3529 turns around in 70-in. of space.

The Ergonomics:

The steering column adjusts — with 5 positions from 0° to 40° — to the operator's comfort level. It can also be tipped straight up to make entry and exit easier.

The thick, molded-grip steering wheel reduces fatigue.

The higher pivot point on the column means the operator doesn't have to hunch over the steering wheel. Better posture means greater comfort and more productivity.



The Champ 3529: A Big Machine in a Small Package.

Ergonomically-sound steering wheel and column pivot makes longer rides more comfortable.

Side-loaded battery compartment makes battery installation easier. No need to lift batteries above the side of the machine.

The flip-up battery cover allows easy access to the 36V. electrical system. This powerplant will generate an optimal 4 hours of run time.

The 29-gallon solution tank and 32-gallon recovery tank keep the Champ 3529 on the job longer.



The 46-in. curved squeegee funnels dirt and water into the center of the assembly, where it is picked up by the powerful vacuum motor. Waterlift on the Champ 3529 is rated at 80 inches.

This ready-to-use machine arrives with charged batteries installed — connect the batteries, drive the Champ 3529 off the packing skid, fill with solution, attach brushes and begin scrubbing. Initial battery-charging is recommended.

The low profile side skirts allow cleaning underneath shelf overhangs for complete floor coverage. The skirts lift with the deck for easy transport and can be easily removed, along with the squeegee and pad drivers, to fit the unit through a standard 36-in. door. A cut out section of the deck allows easy sight lines to attach the pad drives.

The workpaths of the twin 18-in. brushes overlap a full inch to eliminate the center streaking often associated with competitive machines with less overlap. The 2.5 HP brush motor is more powerful than the 2 HP brush motors used in competitive units.



NSS X-IQ Electronic Control System.

The Champ 3529 features an exclusive, state-of-the-art controller which governs all the functions of the scrubber, including three traction speeds and two brush speeds. An easy-to-read LCD screen displays all of the controls for the Champ 3529, including pad pressure, solution flow, battery levels, vacuum power and run time. The NSS X-IQ System includes a digital diagnostics function which allows technicians to instantly diagnose machine problems.

And of Course, It's Designed and Built By NSS®.

The NSS® name has meant consistent quality and durability for the past 90 years. Our guiding design principle — elegant simplicity — animates our efforts to build the most reliable, most durable, most productive floor cleaning equipment you can find, with the lowest lifecycle costs of any machine line in the world.

We're proud of that legacy and proud, too, of the way our new Champ 3529 builds on it.

Judge For Yourself.

Compare us to the competition.
You'll find the new Champ 3529 is the clear leader in its class —
the next generation of compact ride-on scrubbers.

Model	Champ 3529
Cleaning Path	35-in. (89 cm)
Solution Tank	29 gallon (110 l.)
Recovery Tank	32 gallon (121 l.)
Brushes	(2) 18-in. (45.7 cm)
Brush RPM	220-300 RPM
Standard Brush Pressure	115 lbs.
Heavy Brush Pressure	230 lbs.
No. Brush Motors	1
Brush Motor HP	2.5 HP
Vac Motor HP	1 2-stage
Traction Motor HP	1 HP, producing three traction speeds
Power Source	36V.
(# of batteries) amp hour	(6) 325ah
Squeegee	46-in. (117 cm) curve linatex blade
Sq. Ft. per Hour (practical)	22,350 (2,076 sq. meters) per hour
Sq. Ft. per Charge (practical)	89,400 (8,306 sq. meters)
Sq. Ft. per Hour (theoretical)	49,587 (4,607 sq. meters) per hour
Sq. Ft. per Charge (theoretical)	198,348 (18,427 sq. meters)
Turning Radius	70-in. (177.8 cm)
Operation/Charge	4 hrs.
Sound Level	70 dbA
Length	69-in. (175 cm)
Width	43-in. (109 cm)
Height	53-in. (135 cm)
Weight (Machine Only)	650 lbs. (295 kg)
Weight w/batteries and charger	1435 lbs. (651.5 kg)
Warranty	10 years poly parts 3 years limited on other components



The Champ 3529 is available with an optional Industrial Kit, which includes a headlight, an overhead flashing light and a bumper (not shown).



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Specifications and appearance of machine
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