



NSS Enterprises, Inc.

Bid Specification

Champ 2417 RB

24" Cleaning Path, 17 Gallon Rider Scrubber

<u>Specification</u>	<u>Description</u>
General	The machine shall be a rider scrubber with a 24" cleaning path
Cleaning Path	The cleaning path shall be 24" (61 cm)
Vacuum Motor	The vacuum motor shall be a 3-stage bypass type and 0.54 HP (400 W). The motor shall provide 46" (1168 mm) of water lift.
Brush Motor	There shall be two 0.33 HP (250 W) counter-rotating brush motors. The motors shall turn 175 RPM.
Brushes	There shall be brushes available for light scrubbing, deep scrubbing, and concrete scrubbing applications.
Pad Drivers	The machine shall have two 12" (30 cm) pad drivers
Solution Flow	The machine shall be equipped with a solenoid valve to prevent solution flow when the machine is stopped. Solution shall have five pre-set flow rates. The pre-set flow rates shall be 0.2, 0.4, 0.6, 0.8 and 1.0 gallons per minute (0.8, 1.5, 2.2, 3.0, and 3.8 liters per minute)
Drive Motor	The machine shall have a 0.40 HP drive motor
Drive Wheel	The machine shall be equipped with a 7.9" (20 cm) non-marking rubber wheel
Drive Speed	The machine shall drive at speeds up to 3.1 mph (5.0 kph)
Solution Tank	The solution tank shall be made of rotomolded polyethylene and have a capacity of 17 gallons.
Recovery Tank	The solution tank shall be made of rotomolded polyethylene and have a capacity of 17 gallons. The machine shall have a debris filter in the recovery tank.
Construction	The machine shall have a steel frame with rotomolded polyethylene tanks.
Squeegee	The squeegee shall be curved type, 30.3" (77 cm) wide and have a Linatex rubber squeegee blade.
Dimensions	Length: 52" (134 cm)



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Width: 23.6" (77 cm)

Height: 44.5" (113 cm)

Batteries	The machine shall be equipped with either 2x12V/130 AH Wet Acid batteries or 2x12V/110 AH AGM batteries.
Battery Charger	The battery charger shall be incorporated into the machine and shall have an input voltage range of 100V – 240V.
Recharge Time	The machine shall have a recharge time of up to 14 hours.
Seat	The seat shall be equipped with a safety switch that prevents operation if the operator is not seated. The seat shall have two adjustable positions.
Brakes	The machine shall be equipped with an Electromagnetic brake that automatically engages when the machine is stopped.
Emergency Stop	The machine shall be equipped with an Emergency stop button below the seat that will stop all machine functions when pressed.
Deck Lift	The machine shall be equipped with an actuator that automatically lifts the deck when the machine is stopped.
Weight	Machine weight, without batteries shall be 566 lbs. (257 kg)
Sound Level	The machine shall have a sound level of no more than 69 dBA.
ISO 9000	The machine shall be manufactured by a company registered to the ISO 9001 standard.
Warranty	The machine shall have a limited warranty of three years for parts and one year for repair labor.