



Bid Specs For the **champ**₃₅₂₉

GENERAL	The machine shall be a 35-in. battery-powered ride-on scrubber.
SCRUBBING PATH	The scrubbing path shall be 35-in. (89 cm).
BATT. WATERING	The machine shall have an available Auto-Fill battery watering system, which insures a safe, easy way to fill batteries to their proper fluid level every time.
VACUUM MOTOR	The vacuum motor shall be 2-stage, bypass type with tangential discharge. The motor shall be 1 HP with 7.2-in. fan blades.
BRUSH MOTOR	The brush drive motor shall be a permanent magnet, 56 frame size, motor type. The motor shall produce pad speed, 2000 RPM, contra-rotating and 2.5 HP.
BRUSHES	The brush/pad speed shall be 200 RPM. The brushes shall be (2) 18-in. (45.7 cm) which are available in nylon, scrub grit and stratagrit. Two different brush pressures shall be provided.
PAD DRIVERS	The machine shall have (2) 18-in. (45.7 cm) poly-back, tufted pad drivers, with center cup.
SOLUTION FLOW	Lever on the steering column shall actuate the adjustable flow, forged brass valve, Celron rotor and 'O' ring seal. The solution flow will be stopped by a solenoid valve when the machine is stopped.
DRIVE MOTOR	The drive motor shall be 1 HP permanent magnet motor.
DRIVE WHEEL	The drive wheel shall be 12-in. (30.5 cm) diameter and 3.5-in. (9 cm) wide with non-marking, slip-resistant rubber, with strip-grip tread.
DRIVE SPEED	Forward: 0-5 mph (0-8 kph). Reverse: 0-3 mph (0-5 kph).
TANK CAPACITIES	The solution tank shall be 29 gallons (110 l.). The recovery tank shall be 32 gallons (121 l.).
CONSTRUCTION	The frame shall be constructed of 10-gauge steel, powder-coated to prevent corrosion. The body and tanks shall be constructed of rotocast polyethylene.

SQUEEGEE	The squeegee shall be 46 inch (117 cm) curved type. It shall have a Linatex blade. The squeegee assembly shall be a breakaway-type that prevents damage to the machine and fixtures in case it is inadvertently caught during operation.
DIMENSIONS	Length: 69 in. (175 cm) Width: 43 in. (109 cm) Height: 53 in. (135 cm)
BATTERIES	(6) 6-volt 325 ah
BATT. CHARGER	The battery charger shall be high frequency mounted on-board, allowing the batteries to be charged anywhere an electric outlet is available.
RECHARGE TIME	12-13 hours.
WEIGHT	Machine only: 650 lbs. (295 kg) Machine w/ batteries (325 ah) and charger: 1278 lbs. (651.5 kg)
SOUND LEVEL	The sound level shall be 69 dbA at the operator position.
OP. ACCESSORIES	The machine shall be available with an optional Industrial Tool Kit, including a headlight, an overhead flashing light and bumpers.
ISO 9000	The manufacturer must be ISO 9001 registered.
TWISTER	The machine shall be Twister-approved. Because of its enhanced pad speed, pressure, and durability, this machine is optimal for the Twister system that transforms dull marble, granite, terrazzo, and polished concrete into glossy, brightly-polished floors.
WARRANTY	The warranty shall be 3 years limited against defects in material and workmanship, and have a 10-year warranty on the polyethylene body and tanks.