



Bid Specs For the **champ**₃₅₂₉

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| 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 two different pad speeds, 2000-3000 RPM, contra-rotating and 2.5 HP. |
| BRUSHES | The brush/pad speed shall be 200-300 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. |

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| 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. |