



# Bid Specs For The **wrangler** 3330 DB

- GENERAL** The machine shall be a 33-in. (83.8 cm) walk-behind, battery-powered automatic scrubber.
- SCRUBBING PATH** The scrubbing path shall be 33 in. (83.8 cm).
- VACUUM MOTOR** The vacuum motor shall be a 3-stage bypass type, with tangential discharge. The motor shall be 0.75 HP.
- BRUSH MOTOR** The two brush drive motors shall be permanent magnet, 56 frame size, gear motor type. The motor shall also be 1560 RPM contra-rotating and 0.75 HP.
- DRIVE MOTOR** The drive motor shall be .5 HP, 36V., permanent-magnet type. The drive motor shall power the roller chain and sprockets. The forward speed shall be variable up to 240 ft. (73 m) per minute. The reverse speed shall be variable up to 170 ft. (52 m) per minute.
- CAPACITIES** The solution tank shall be 30 gal. (113.5 l) and the recovery tank shall be 33 gal. (125 l).
- BRUSH/PAD** The brush/pad speed shall be 300 RPM. The machine shall have two 17-in. (43 cm) poly-backed pad drivers, tufted with center cup. The brushes shall be available in nylo-grit, nylon, steel wire or bassine.
- SOLUTION FLOW** The solution flow shall be adjusted by a manual pull at the control panel via cables. It shall be an adjustable flow with forged brass valve, PTFE seat and seals. Solution flow is activated via a solenoid valve when the machine is propelled. Hand removable in-line filter.
- CONSTRUCTION** The frame shall be e-coated, 7-gauge steel. The side skirts shall be mounted to this full frame. The body and tanks shall be constructed of rotocast polyethylene.
- CASTERS** The machine shall have two 6-in. (15 cm) diameter by 2 in. (5 cm) non-marking wheels, and shall have a ball-bearing plate, be greasable and have rubber shock absorber mounting.
- DRIVE WHEEL** The machine shall have an 10-in. (25 cm) diameter by 4 in. (10 cm) non-marking drive wheel with slip-resistant rubber, strip-grip tread.

<b>FLOAT SHUT-OFF</b>	The machine shall have a float shut-off mechanism, ball-type. The percolator shall create a waterfall effect with recovered fluid, breaking down foam and preventing damage to the vacuum motor. The vacuum motor filter shall also protect the vacuum motor.
<b>SQUEEGEE</b>	The squeegee shall be 38 in. (96.5 cm) swing type. It shall be adjustable and have a 2-piece linatex blade. Squeegees shall recover in forward and reverse, and will include a breakaway feature that prevents accidental damage to fixed objects. A 43-in. (109.2 cm) curved squeegee, heavy-duty with gum-rubber blade shall be available.
<b>DIMENSIONS</b>	Weight: 480 lbs. (218 kg) Height: 42 in. (107 cm) Length: 66 in. (168 cm) Width: 35.5 in. (90 cm)
<b>SOUND LEVEL</b>	The sound level shall be 74 dbA at the operator position.
<b>BATTERIES</b>	The machine shall have six 6V., 225 AH batteries, or six 6V. 325 AH batteries. The battery tray shall have a drain hose.
<b>BATT. CHARGER</b>	The battery charger shall be on-board, allowing the batteries to be charged anywhere an electric outlet is available.
<b>RUN TIME</b>	The 225 AH batteries shall run for 4 hours. The 325 AH batteries shall run for 6 hours.
<b>RECHARGE TIME</b>	It shall take 6-9 hours to recharge the 225 AH batteries. It shall take 8-11 hours to recharge the 325 AH batteries.
<b>ISO 9000</b>	The manufacturer must be ISO 9001 registered.
<b>TWISTER</b>	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.
<b>WARRANTY</b>	The machine shall carry a 3-year limited warranty against defects in material and workmanship, and 10 years on its polyethylene body.