



Bid Specs For The **Wrangler** 2016 AB

- GENERAL** The machine shall be a 20-in. (51 cm) walk-behind, battery-powered automatic scrubber.
- SCRUBBING PATH** The scrubbing path shall be 20 in. (51 cm).
- VACUUM MOTOR** The vacuum motor shall be a 3-stage bypass type, with tangential discharge. The motor shall be 24V. and .75 HP.
- WATERLIFT** The closed waterlift shall be 56-in. (142 cm).
- BRUSH MOTOR** The brush drive motor shall be permanent magnet, gear motor type. The motor shall also be 1404 RPM and 0.75 HP.
- DRIVE** The machine shall be operator-propelled through the brush/pad.
- CAPACITIES** The solution tank shall be 16 gal. (60.5 l) and the recovery tank shall be 17 gal. (64.3 l).
- BRUSH/PAD** The brush/pad speed shall be 200 RPM. The pad driver shall be 18-in. (46 cm) in diameter, structural foam with a pad-holding cup. The 20-in. (51 cm) brushes available shall be bassine, nylon, polish and nylon grit-filled.
- SOLUTION FLOW** The solution flow shall be activated by a manual pull at the handle bar via rigid bars. It shall be an adjustable flow with forged brass valve, PTFE seat and seals. A solenoid valve in the scrub head shall prevent solution from being dispensed when the brush is not moving. Hand removable in-line filter.
- CONSTRUCTION** The frame shall be constructed of powder-coated steel. The body and tanks shall be constructed of rotocast polyethylene.
- CASTER** The machine shall have two 4-in. (10 cm) diameter ball-bearing swivel caster at the rear of the machine.
- WHEELS** The machine shall have two 8-in. (20 cm) diameter by 2 in. (5 cm) non-marking wheels with grooved urethane tread.
- FLOAT SHUT-OFF** The machine shall have a float shut-off mechanism, ball-type.

SQUEEGEE	The squeegee shall be 32 in. (81 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 35-in (89 cm) curved squeegee, heavy-duty with gum-rubber blade shall be available.
DIMENSIONS	Weight: 177 lbs. (80 kg) – without batteries. Height: 37 in. (94 cm) Length: 55 in. (139.5 cm) Width: 21 in. (53.3 cm)
SOUND LEVEL	The sound level shall be less than 65 dbA at the operator position.
ATTACHMENTS	Attachments included with the machine shall consist of a 2-piece wand, a 7-ft. (2.1 m) hose, a hose connector and a 17-in. (43.2 cm) squeegee tool.
BATTERIES	The machine shall have either four 6V., 225 AH batteries, or two 12V. 145 AH batteries.
BATT. CHARGER	The battery charger shall be high frequency mounted on-board, allowing the batteries to be charged anywhere an electric outlet is available.
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 machine shall carry a 3-year limited warranty against defects in material and workmanship, and 10 years on its polyethylene body.