

Charger 2717 AB

Battery Burnisher

GENERAL	The machine shall be a high-speed, 36V system, battery-powered floor burnisher, driving a 27-in (68.6 cm) diameter pad at a speed of 1700 RPM. Machine runtime shall be up to 3.0 hours.
CONSTRUCTION	The frame shall be 10-gage steel channel. The body will be 12-gage steel. The entire unitized body and frame will be powder coated.
PAD	The pad speed shall be 1700 RPM. Pad pressure shall be 70-80 lbs. The pad driver shall be 27 in (68.6 cm) in diameter, and be flexible, conform to floor contours, and “cup” the pad to the floor.
MOUNTING	Mounting shall be on a welded powder-coated 10-gage steel channel frame. Two 10-in diameter (25.4 cm) wheels with ball bearings and one rear 6-in (15 cm) ball bearing swivel-type caster shall be provided. The wheels will be a non-marking grey rubber wheel. The caster will have urethane tread.
BATTERIES	The burnisher shall have 6 deep-cycle batteries which are 225 amp hour and 6V, connected in series that will be used in a 36V system.
BATT. CHARGER	The battery charger shall be on-board, allowing the batteries to be charged anywhere an electric outlet is available.
MOTOR	The motor shall be a 36V, 3.6 HP permanent-magnet motor type.
PROTECTION	The controller shall protect drive and brush motors from a current overload. A 90-amp circuit breaker shall protect the controller.
SWITCHES	A master on/off switch shall be provided. A tilt switch will not allow the motor to operate when the pad is in the raised position.
ADDITIONS	The machine shall have a 90° pad change position.

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Competitive Comparison

Bid Specifications

Recommended Parts Stock

Supplemental Price List

Battery Burnisher

(Bid Specifications continued)

DUST CONTROL The burnisher shall have an NSS Vac-Trac Dust Collection System that collects floor finish dust into a filter bag at the front of the machine. The filter bag shall collect 95% of particles at 0.3 microns. A flexible pad shroud with bristles shall surround the pad — the suction resulting from pad rotation collects any floor finish residue. The pad shroud shall completely cover the pad in operation to protect bystanders, operators or fixtures from any loose objects on the floor hitting the pad and being “thrown” across the floor at high speed.

DIMENSIONS

Weight:	985 lbs (447 kg), with batteries.
Length:	65 in (165 cm), 42 in (107 cm) with head raised.
Height:	41.5 in (105.5 cm)
Width:	30 in (76 cm)

SOUND LEVEL The machine shall be quiet and capable of running in a public environment (hospitals, food service areas) without disturbance, at 68 dBA.

ISO 9000 The manufacturer must be ISO 9001 registered.

WARRANTY The machine shall carry a 3-year warranty against defects in material and workmanship.

