

Charger 2022 ABLT

Battery Burnisher

GENERAL	The machine shall be a high-speed, 24V system, battery-powered floor burnisher, driving a 20-in (51 cm) diameter pad at a speed of 2500 RPM. Machine runtime shall be up to 2.5 hours.
CONSTRUCTION	The frame shall be 12-gage steel channel. The battery case will be polyethylene with reinforced steel.
PAD	The pad speed shall be 2500 RPM. Pad pressure shall be 50 lbs. The pad driver shall be 20 in (51 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 12-gage steel channel frame. Two 8-in diameter (20 cm) wheels with ball bearings. One rear 4-in (10 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 4 deep-cycle batteries which are 225 amp hour and 6V, connected in series that will be used in a 24V 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 24V, 2.0 HP permanent-magnet motor type, mounted on a floating head mechanism.
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 squeeze-grip handle shall initiate actual pad operation. A tilt switch will not allow the pad to rotate when the pad is in the raised position.
ADDITIONS	The machine shall have a 90° pad change position.
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

Features & Benefits

Demonstration Guide

Competitive Comparison

Bid Specifications

Recommended Parts Stock

Supplemental Price List



Integrity at work.

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Bid Specifications (continued)

the floor hitting the pad and being “thrown” across the floor at high speed.

DIMENSIONS

Weight: 435 lbs (197 kg), with batteries
Length: 60 in (152 cm), 44 in. (112 cm) with head up
Height: 43 in (109 cm)
Width: 23 in (58 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

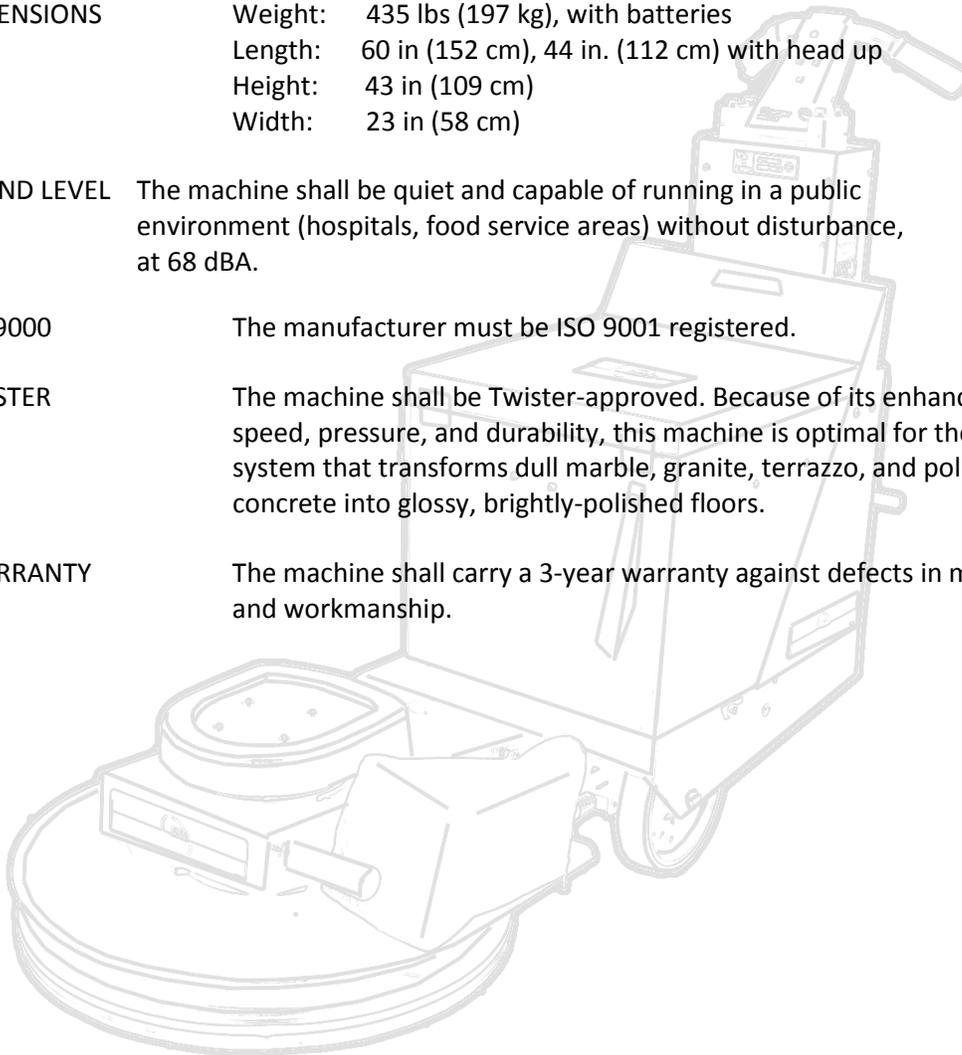
The manufacturer must be ISO 9001 registered.

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 warranty against defects in material and workmanship.



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