



Bid Specs For The **charger** 1500

GENERAL	The machine shall be an ultra high-speed 20-in. (51 cm) cord-electric floor machine.
PAD SPEED	The pad speed on this machine shall be 1500 RPM.
HANDLE	The handle shall be locked to the back of the machine (no adjustment is necessary) by a lever. The handle can be removed and/or stored in the reverse position.
LOCKOUT	The machine shall have a mechanical lockout lever located in the center of the switch box, which must be depressed before the switch lever will activate.
HANDLE TUBE	The handle tube is 1.5 in. (4 cm) diameter, and its wall shall be 16-gauge steel. The handle tube shall also be angled so that no operator adjustment is necessary. For storing or transport, a simple twist of the lever shall allow the tube handle to be removed from the rest of the machine after unplugging the cords.
CORD	The 75-ft. (15.2 m) 14-3 SJT cord shall be safety yellow and extra flexible. The cord shall have a dual strain relief — a) spring-type on the outside of the switch box, and b) double-steel clamp on the inside of the switch box to prevent cord pull-out. The cord's plug shall be extra strength and constructed of high-impact plastic.
WHEELS	The wheels shall have a 5-in. (12.7 cm) diameter, be 1.375-in. wide, and consist of non-marking gray rubber. Carriage wheels are available for easier transport across the floor, and up and down stairs.
MOTOR	The motor shall be 66-frame, 1.5 HP, top-to-bottom cooled, permanent-magnet type. The motor shall have two rectifiers, and be covered by an ABS housing.
TRANSMISSION	The motor power shall be transmitted to the pad driver through a belt and pulley system. The machine shall have two oversized bearings mounted top-to-bottom in pillow blocks for adjustable angle of the pad driver, and shall be durable and easy to service.
AMP DRAW	The amp draw shall be 13.2 with a 20-in. (51 cm) polish pad. The machine shall be able to spray buff, damp scrub with a 20-in. (51 cm)

blue/brown or black pad, and will be able to scrub and polish heavy surface on a 15-amp circuit.

BASE/SKIRT	All outside areas of the base and skirt shall be polished to a mirror finish.
PAD DRIVER	The pad driver shall be structural foam, rigid-back with a weighted disk screwed to the driver for extra weight.
PAD ANGLE	The pad driver will be fixed at a factory-specified angle allowing for pad compression on the front 70% of the pad, and lower pressure on the rear 30%. This pad angle shall allow the machine to operate on 15 amps.
UL / ULC LISTING	The machine shall be UL and ULC listed.
DIMENSIONS	Weight: 86 lbs. (39 kg) Length: 31 in. (78.7 cm) Height: 37.5 in. (25.2 cm) Width: 20.5 in. (52 cm)
SOUND LEVEL	The machine shall operate at a quiet 72 dbA.
ISO 9000	NSS Enterprises, Inc. has been ISO 9001 registered since September 23, 1998.
WARRANTY	The machine shall carry a 7-year warranty against defects in material and workmanship. Labor shall be carried for 1 year.