

CHARGER 1500

20-Inch Ultra-High Speed Burnisher



The Charger 1500 is the true signature machine of the NSS® burnisher line. This buffer demonstrates the very definition of versatility — it can burnish, spray buff and damp strip, all at 1500 RPM. Its aggressive pad speed and rugged nature enable it to produce that ultra-gloss ‘wet-look’ shine.

The Charger 1500 showcases a number of important features that set it apart from other burnishers. The 1.5 HP motor has more than enough power for most jobs, and it will not bog down during those really tough tasks. The structural-foam, rigid-back pad driver is factory aligned to deliver maximum burnishing performance while reducing the electric load on the machine. The 1.5-inch diameter steel handle is removable for transportation, and can be reversed for storage.

During high-speed burnishing, the Charger 1500 covers 16,000 square feet an hour. Its combination of speed and power make the Charger 1500 ideal for any hard floor surface where appearance is important.



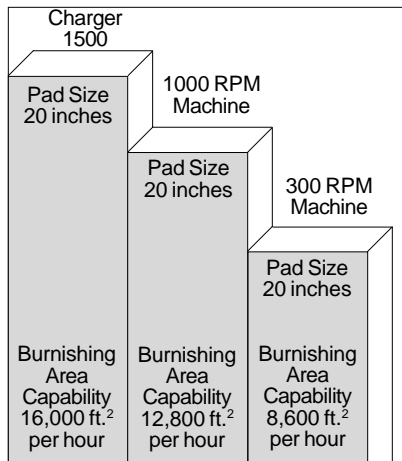
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FM 40553

The Charger 1500 Outperforms Other Electric Burnishers

Very simply, it's speed. Ultra-high speed pad rotation, combined with pad friction, creates the heat that enables the Charger 1500 to outperform other electric burnishers. This chart shows you how it burnishes circles around other machines.



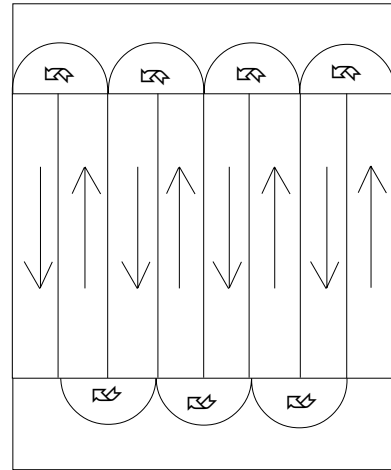
Burnishing area capability is based upon average walking speed (mph) considering pace allowed by the machine.

The Charger 1500 is a performer with all the qualities of a true champion — speed, range and durability. Quiet enough for use in hospitals and offices, it moves out with an astonishing pad speed of 1500 RPM, and on a 15 amp backing.

The Charger 1500 makes other methods of burnishing, spray cleaning, spray buffing and damp stripping seem obsolete. Just look at how you can harness the speed and performance of this exceptional machine.

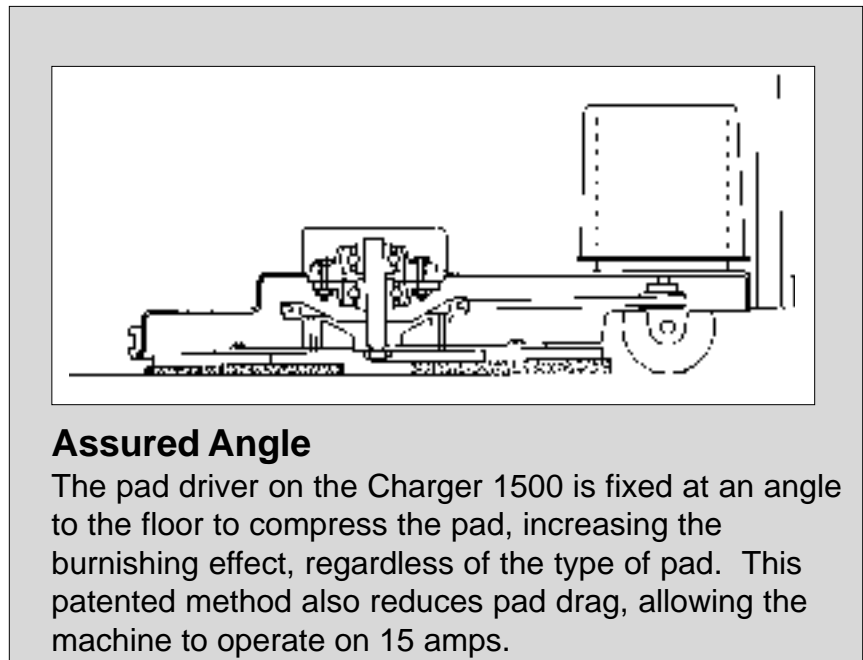
Straight Line Walker

Unlike center-weight machines, the Charger 1500 burnishes in a straight line. This allows the operator to efficiently cover 16,000 square feet per hour. Time consuming side-to-side operation is eliminated. Also, the operator can always see where he is going and where he has been.



This improved technique results in significant labor savings. Its coverage is almost twice as fast as burnishing with a 300 RPM machine, and 50 percent faster than with a 1100 RPM burnisher.

Speed isn't the only advantage of the Charger 1500. High-speed burnishing causes a "hard" finish to get even harder. Charger's burnishing effect softens the "hard" finish. A "wet-look" appearance results when the finish cools and the floor finish molecules are compressed. This greater finish density creates resistance to dirt penetration, black marks and scuffing. Floor finish wear is also greatly reduced.



Assured Angle

The pad driver on the Charger 1500 is fixed at an angle to the floor to compress the pad, increasing the burnishing effect, regardless of the type of pad. This patented method also reduces pad drag, allowing the machine to operate on 15 amps.

If a hard finish is properly maintained, it is possible to eliminate the job of wet stripping. However, if the floor finish deteriorates and can't be restored with regular maintenance procedures, damp stripping can be utilized.

Damp stripping removes the top one or two coats of finish in which dirt and black marks are embedded. Damp mop an ammonia-free stripper onto the floor. Use a stripping pad under the Charger 1500 — the pad will not “load” as with conventional stripping. Then just dust mop to remove the residue. Finally, re-buff the floor with a burnishing pad and the floor's shine will bounce back like new.

The Charger 1500 has an advantage no other machine can claim. It can be used on a polymerized acrylic floor finish reinforced with metal interlock immediately after it has dried.

Because of its light weight, the Charger 1500 will not gouge the finish or destroy the setup of the metal interlock. In fact, the top film hardens, resulting in an immediate gloss.

At the same time, the Charger's ultra-high speed burnishing tends to drive off excess plasticizers, hastening the hardening process and preventing soiling. The new finish can be maintained in a regular manner from the start.



- **Increased Power** — The motor packs more power when you need it and is designed for long running life.
- **Extra Protection** — The motor is protected in two ways: dual rectifiers divide electrical load, and a circuit breaker prevents operator-induced overloads.
- **Easily Serviceable** — The machine is constructed so users can do ordinary service right on the job. Most other machines must be returned to a service center for repairs.

Charger 1500 Job Performance and Floor Coverage

Spray Buffing Procedure	Coverage Per Hour
Ultra-high speed burnishing only	16,000 square feet (1,488 square meters)
Damp mop and buff	7,200 square feet (670 square meters)
Damp mop with an “emulsified spray-clean shiner” and buff	7,200 square feet (670 square meters)
Spray clean with hand or side-mounted machine sprayer	3,000 square feet (279 square meters)
Damp Stripping Procedure	Coverage Per Hour
Damp mop non-ammoniated stripper, machine strip (with strip pad), dust mop or damp mop residue (depending on the amount of residue) and re-buff with a burnishing pad.	3,000 square feet (279 square meters)

CHARGER 1500 Specifications

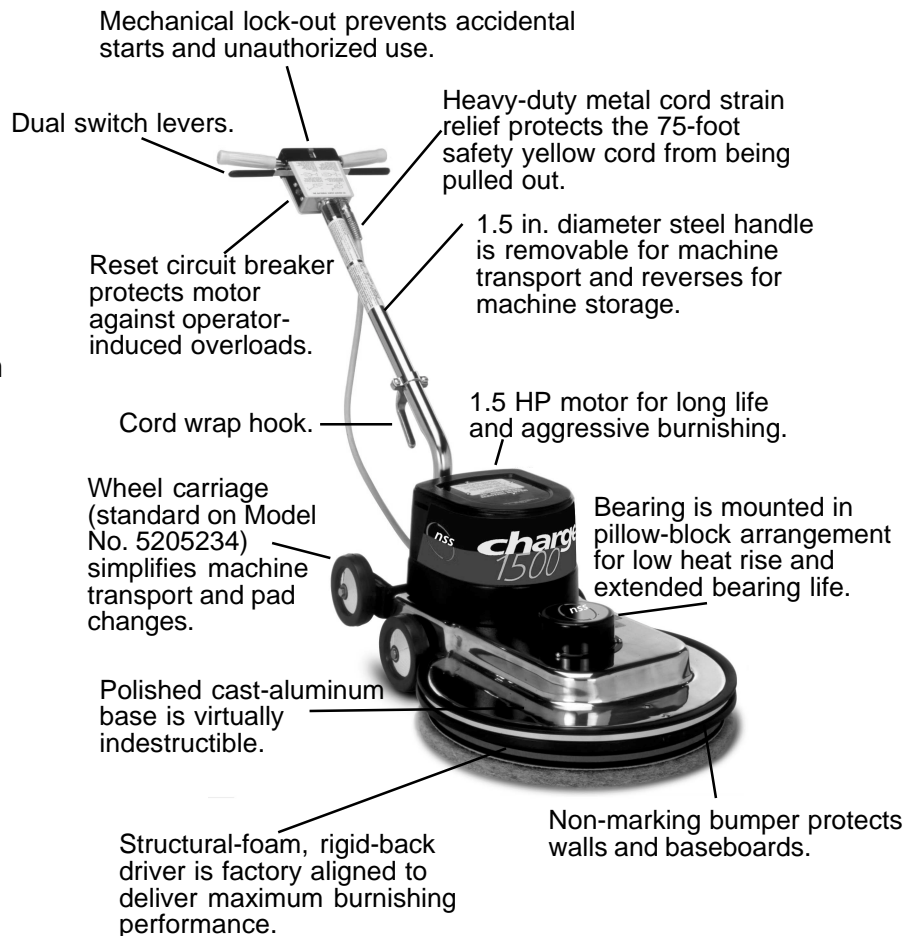
PAD SPEED	1500 RPM	OVERLOAD PROTECTION	17.5 amp reset circuit breaker	CORD Length Type	75 ft. (15.2 cm) 14-3 SJT yellow
PAD SIZE	20 in. (51 cm)	DRIVE	Belt and pulley	DIMENSIONS	Length 29 in. (73.7 cm) Width 20.5 in. (52 cm) Height 38 in. (96.5 cm)
PAD DRIVER	19 in. (48 cm) structural foam, rigid back	BASE	Polished cast aluminum		
MOTOR Type	DC dual-rectified permanent magnet	WHEELS	Two 5 in. (13 cm) non-marking rubber on #5205232 Four 5 in. (13 cm) non-marking rubber w/ wheel carriage on #5205234	WEIGHT	Machine 86 lbs. (39 kg) Shipping 120 lbs. (54.5 kg)
Frame Size	66				
Voltage	115V. (240V. available)	SWITCH	Dual deadman levers w/ mechanical lock-out	WARRANTY	7 year limited
HP	1.5 HP				
RPM	3000				
CURRENT	13 amps @ 115V. (under typical burnishing conditions)				



We recommend using NSS Ultra-High Speed Pads with the Charger 1500. These pads are specifically designed for use with all NSS ultra-high speed machines. They are a mixture of natural (75 percent) and synthetic fibers. The natural fibers give NSS pads the strength to keep their shape during prolonged use at ultra-high speeds. Polyester is added for the flexibility necessary to conform to the floor's contours.

For burnishing, use the 20-inch blonde pad.

For more aggressive burnishing, spray cleaning and light damp scrubbing, use the 20-inch blue pad.



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