

AVENGER™ USA

SURFACE PREPARATION

750 Planetary Grinder, 31"

— Designed & Built in USA —

FEATURES:

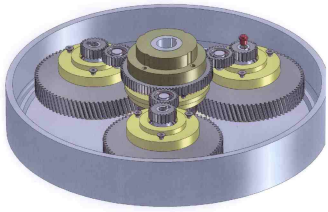
- **#1 choice for jobs over 10,000 Sq. Ft.** — High performance and efficiency without sacrificing ease of handling and operation.
- Perform heavy grinding as necessary to remove the toughest epoxy coatings or hardened industrial adhesives.
- High productivity machine but impressive easy to handle and operate despite its size and substantial weight.
- Grinding Head is raised and lowered electronically.
- 480V Three-Phase Power, 15 HP
- **True Planetary Counter Rotating Transmission** with variable speed forward and reverse, individual diamond heads (3) that spin in unison with a counter-rotating drum - all of which are steel gear driven - **No unreliable drive belts to replace!**
- Equipped with **Instant Change Magnetic Plates** that also accepts Husqvarna & MG metals, 3" Velcro Plates for using resins and semi-metals.
- Optional interlocking 68 lb. Horseshoe weight plates (3).



\$14,995.00

| Specifications | | Average Production Rates Per Day (May vary due to job conditions, tooling, operator, etc.) | |
|------------------------|---|---|-----------------------------|
| Motor Power | 15.0 HP Induction 10,000 Hour Motor | Marble: | 1100 – 1625 ft ² |
| Required Circuit | Three Phase / 480 Volt / 30 Amp | Terrazzo: | 1625 – 2050 ft ² |
| Approx. Weight | 750 lbs + two 97 lb plates available | Granite: | 690 – 820 ft ² |
| Rpm Speed | 300-1200 Variable Speed | Concrete: | 5500 – 7500 ft ² |
| Water Tank | 6.6 gal (25 liters) | Glue Removal: | 2030 – 4750 ft ² |
| Grinding Disc Diameter | 9-7/8" (3) Magnetic Counter Rotating Plates w/ velcro attachments | Paint Removal: | 2700 – 6800 ft ² |

DETAILED FEATURE INFORMATION:



Exclusive All Gear Design - No Drive Belts. Built very much like the transmission in a car with steel gears driving each grinding head (3) and a counter rotating drum (gears spin in unison, gear box spins counter clockwise), for a **True Planetary Rotating Transmission.** The HD, solid gear driven design provides the highest production rate with less operator fatigue, a noticeable improvement in producing a Quality Finished Product and longer diamond life — while being extremely durable, reliable and even easier to maintain..

Magnetic Instant-Change Tool Mounting & USA Made Diamonds!

All diamond tooling is secured with strong earth magnets, from the individual trapezoid metals to 3" semi-metal and resin polishing pads (velcro adaptors included.) A screwdriver is used to pry the diamonds from the magnetic base. No more wasting time dealing with bent or seized screws, even when switching from metals to resins! **BONUS:** the same magnetic plate also accepts Husqvarna & M6 diamonds!



American Made Motor - 3-Phase Controller & Ingenuity!

Powerful, Durable & Intelligently Designed – in all Avengers.

Robust, Sturdy 3-Phase Induction Motor Performance –

Induction motors have less parts: No carbon brushes, slip rings, capacitors, winding or commutators - motor rating is 10,000 hour vs. 500 hour for a single phase.

Forward & Reverse on the Grinding Heads – Expect to remove the toughest and thickest epoxy, paint, mastic or rubber and grind the deepest and fastest.

Variable Speed – Grind rough floors by *slowing down* the grinding speed, this will keep the diamonds from bouncing; increase the RPM's when polishing with resin tools. Variable speed optimizes your diamond tooling life AND provides “adjustments” for each job's unique conditions.

Maximum Cooling - Heat sinks, located in the rear of the machines, are *exposed* to open air to efficiently allow temperatures to dissipate quickly — competitive machines have their heat sinks sealed in a cabinet . . .

MINIMAL & EASY MAINTENANCE: With an induction 3-phase motor having less parts and the Avengers having *NO* complex electronics or drive belts to replace, **Avengers are built to last decades following this simple maintenance schedule:** Drain the gear box after the first 500 hours, thereafter every 1000 hours — Done. No other maintenance required.

Best Built Floor Machine in America – Backed by Levetec's 2-Year "Bump-to-Bumper." The solid design of every Avenger is backed by a **2-Year, Full "Bumper-to-Bumper" Warranty.** With FREE lifetime technical support or to answer job specific questions, we are here for our customers. And if you feel the need to get really technical and in-depth, the designer of the Avengers is here too.



Metal Diamond Tools – To grind concrete floors you use metal tooling to grind through the cap to renew or prepare the substrate for coating, sealing or polishing.

< [Click here to see the Diamond Tool Price List](#) >



Resin Diamond Tools – To bring a floor to a high shine it is necessary to use resin diamond tooling to polish the substrate to the look you seek.

LEVETEC

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www.AvengerUSA.com