

AVENGER™ USA

SURFACE PREPARATION

880 Planetary Grinder, 35"

— Designed & Built in USA —

FEATURES:

- The ultimate choice when it comes to high performance and efficiency without sacrificing ease of handling and operation.
- Largest and most powerful machine in the Levetec arsenal boasting the largest working path, motor and weight for the highest rate of production.
- #1 professional machine choice for jobs above 10,000 Sq. Ft
- Grinding Head is raised and lowered electronically.
- 480V Three-Phase Power, 20 HP
- Variable speed, forward and reverse, individual diamond heads (3) spinning in unison plus counter-rotating drum — all steel gear driven - **No unreliable drive belts to replace!**
- Equipped with Instant Change Magnetic Plates that also accepts Husqvarna & M6 metals, 3" Velcro Plates for using resins and semi-metals.
- Optional interlocking 68 lb. Horseshoe weight plates (3).

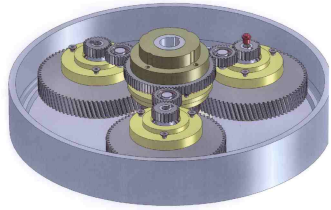


\$18,995.00



Specifications		Average Production Rates Per Day (May vary due to job conditions, tooling, operator, etc.)	
Motor Power	20.0 HP Induction 10,000 Hour Motor	Marble:	1260 – 1980 ft ²
Required Circuit	Three Phase / 480 Volt / 30 Amp	Terrazzo:	1860 – 2500 ft ²
Approx. Weight	920 lbs + optional weight plates (68#) x 3	Granite:	790 – 1000 ft ²
Rpm Speed	300-1200 Variable Speed	Concrete:	6290 – 9140 ft ²
Water Tank	6.6 gal (25 liters)	Glue Removal:	2300 – 5790 ft ²
Grinding Disc Diameter	9-7/8" (3) Magnetic Counter Rotating Plates w/ velcro attachments	Paint Removal:	3100 – 8290 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 to adjust to 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