

460 Planetary Grinder, 19"

- Designed & Built in USA -

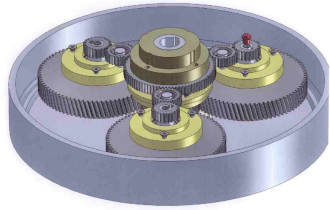
- Extremely Versatile, Powerful Multi Concrete Grinder-Polisher.
- A+ size, weight and capability for mobility, handling, productivity!
- **True Planetary Counter Rotating Transmission** – variable speed forward and reverse, individual diamond heads (3) that spin in unison with its counter-rotating drum - all are steel gear driven
 – No unreliable drive belts to replace!
- 240 Volt 5.5 HP Single-Phase built with Three-Phase Frequency Controls for vastly superior capacity, results and durability vs. any single phase machine.
- Use 240V Single-Phase or 120 Volt Power - when 240 volt power is not accessible the included Voltage Converter allows you to combine two 120V circuits to one 240V circuit!
- Equipped with Instant Change Magnetic Plates and accepts Husqvarna & M6 metals, 3" Velcro Plates for resins & semi-metals.
- HD grinding, epoxy/coatings removal, polishing, maintenance.
- Optional 68 lb. Horseshoe weight plates, collapses easily for transporting



\$7,295.00

Specifications		Average Production Rates Per Day (May vary due to job conditions, tooling, operator, etc.)	
Motor Output	5.5 HP Induction 10,000 Hour Motor	Marble:	800 – 1000 ft ²
Required Circuit	120 / 240 Volt, 30 Amp	Terrazzo:	1200 - 1500 ft ²
Approx Weight	350 lbs + three (3) 68 lb plates	Granite:	300 – 420 ft ²
RPM Speed	300 -1200 Variable Speed	Concrete:	2000 - 3000ft ²
Water Tank	6.6 gal (25 liters)	Glue Removal:	700– 1500 ft ²
Grinding Disc Diameter	8-5/8" (3) Magnetic Counter Rotating Plates w/ velcro attachments	Paint Removal:	1300 – 3200 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