SUBSTRATE

1384BungalowRoad-Morris IL60450
815-941-4800

Solutions that save you time and make you money

Equipment, Tooling & Chemicals for Every Stage of the Job.

SURFACE PREP

PRODUCT CATALOG

Real Equipment. Real Expertise. Real Results.

www.substratetechnology.com

About Substrate Technology, Inc.

Our Story

Substrate Technology grew out of more than 30 years of hands-on experience in commercial floor preparation. In that work, we ran into a problem: the equipment we needed — machines that could prep concrete the way and at the speed we demanded — simply didn't exist. So we built our own.

We redesigned existing equipment from the inside out, engineered our own tooling from scratch, and committed to developing diamond tool technology that delivers the fastest results at the lowest possible cost per square foot. We had our share of failures in those experimental years — and we're the first to admit it. But those failures are exactly what led to the products we're proud of today.

Service. Support. Success.

That's our motto, and it's the order we believe in. Anyone can sell a machine. What sets us apart is everything around it — the advice on which tooling fits your job, the help dialing in a polishing system, the certified tech who knows your machine inside and out. We build and supply products that are durable and cost-conscious, and we back them with real expertise.

In memory of Bill & Lynn Jones,
STI Founders

It's a System

Not *a* Machine

Substrate Technology, Inc.
Service • Support • Success

What's New

New products for 2026

Smith Paint Products

Discover our newest products for 2026.

A bigger lineup than ever — more of what you need, from one trusted source.
It's been a year of tremendous growth at Substrate Technology. We've expanded our offerings across every part of our business — new machines, new brands, new chemicals, and dozens of new diamond tooling products — so you can get more of what your projects call for, all backed by the same expert support you count on.

Here's a look at what's new this year:

New Machines & Equipment

- Ruwac Industrial Dust Collectors — a full line of powerful, HEPA-filtered dust collectors, from compact portable units to heavy-duty performers built for the toughest jobs
- Janser Floor Strippers — heavy-duty machines for fast removal of vinyl tile, carpet, and other soft floor coverings
- U.S. Saws Equipment — hand-held grinders, edge grinding tools, and accessories
- Industrial Wet Vacuums — for fast cleanup of slurry, dust, and debris
-

Expanded Floor Chemicals

- Smith Paints — coatings, primers, joint fillers, and repair mortars
- SSP (Solid Solution Products) — a complete line of UV-resistant concrete repair, patching, and joint sealant solutions
- Hertron — polishing and surface care products

More Diamond Tooling

- Inland Diamond — dozens of new tooling products, from cup wheels and trapezoids to polishing pads and specialty tools
- U.S. Saws — premium cup wheels and edge grinding tooling

Whether you're grinding, polishing, coating, or repairing, our expanded selection means more of the right tools for the job — and the same knowledgeable team behind every one. This growth reflects our ongoing commitment to being your single source for surface prep.
Explore the new additions throughout this catalog, or call us at (815) 941-4800 x 1 — you'll always reach a real surface-prep expert, not a call center.

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Service • Support • Success

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1384 Bungalow Road
Morris IL 60450

Office 815-941-4800

www.substratetechnology.com

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STI-3030 Prep/Master®

ITEM NUMBERS:
3030 220V/230V - Item #433030230
3030 380V/480V - Item #433030480

10,000 SF/929 m2

It's a System

Not *a* Machine

High-Performance Concrete Floor Grinder for Large-Sized Projects

The Prep/Master 3030 concrete floor grinder is designed for professional surface preparation and polishing. It features a 30-inch grinding width and a powerful 30HP motor for consistent performance on commercial and residential flooring projects. The moveable pocket weight system adjusts head pressure depending upon application and the standard water tank makes it easy to switch from dry to wet work. Uses four tool plates (included). Recommended for project sizes up to 10,000 SF (1,000m2).

FEATURES

- Working Width: 30 inches (76 cm)
- Engine: WEG 30 HP (22 kW) 1 or 3 phase
- Voltage: 230V or 480V available
- Weight: Approx. 1,338 lbs (606 kg)
- Dimensions: 86″ L x 30″ W x 52″ H
- Tool Plates: 4
- Total Tooling: 6 tools
- Recommended Project Size: Up to 10,000 sq ft

STI Prep Master Junior®

Item #823752250

1,000 SF/100 m2

It's a System

Not *a* Machine

Disassembles into 2 pieces for easy transportation!

Our customers' favorite little grinder!

The Prep/Master® Jr. concrete floor grinding machine by STI works extremely well in small, hard-to-reach areas that requires a more compact design – perfect for residential garage floors and basements.

This small sized floor grinder is designed for professional surface preparation and polishing. It features a 23-inch grinding width and a powerful 7.5HP motor for consistent performance on small commercial and residential flooring projects.

The moveable pocket weight system adjusts head pressure depending upon application and the standard water tank makes it easy to switch from dry to wet work. Uses two tool plates (included). Recommended for project sizes up to 1,000 SF (100m2).

Specifications

- Working Width: 23 inches (58 cm)
- Engine: WEG 7.5 HP (5.5 kW) 1 phase
- Voltage: 230V available
- Weight: Approx. 455 lbs (206 kg)
- Dimensions: 50" L x 23" W x 48" H
- Tool Plates: 2
- Total Tooling: 6 tools
- Recommended Project Size: Up to 1,000 sq ft

Key Features

- 23" Grinding Width – Efficient coverage for faster production
- 7.5HP Electric Motor – High torque for demanding applications
- Variable Speed Drive – Adjust for grinding or polishing conditions
- 2 Tool Plates / 6 Tools – Consistent multi-head grinding performance
- Adjustable Weight System – Customize head pressure based on application
- Wet or Dry Operation – Built-in water tank for versatility

STI Prep Master Senior®

Item #718000220

It's a System

PM Sr

Not *a* Machine

NEW ARRIVAL!!!

We are excited to announce the Prep Master Sr to our Concrete floor grinder line-up. It's designed to give you the production capacity of a HEAVY-DUTY concrete floor grinder without the bulk.

The Prep/Master Sr grinder is designed for professional surface preparation and polishing. It features a 27-inch grinding width and a powerful 20HP motor for consistent performance on commercial and residential flooring projects.

The moveable pocket weight system adjusts head pressure depending upon application and the standard water tank makes it easy to switch from dry to wet work. Uses four tool plates (included). Recommended for project sizes up to 5,000 SF (500m2).

Specifications

- Working Width: 27 inches (68 cm)
- Engine: WEG 20 HP (14 kW) 1 or 3 phase
- Voltage: 230V available
- Weight: Approx. 923 lbs (420 kg)
- Dimensions: 46″ L x 27″ W x 46″ H
- Tool Plates: 4
- Total Tooling: 12 tools
- Recommended Project Size: Up to 5,000 sq ft

USES 12 TOOLS

Features

•***20* HP / 220/240V Single phase / 40 Amps**

•**Working width:** 27 inches (68 cm)

•**Heavy head pressure** for better performance

•***C*arrying poles** for 2- or 3-person lifting •**LED light** to illuminatethe cutting path •**On-board USB Charger** & Phone Carrier

PREP MASTER TOOL HOLDERS & BACKER PADS

28 & 30 EDEGE TOOL PLATES

- Cuts within ½ inch (1.27 cm) of the edge — grind right up to walls
- Eliminates the need for hand-grinding to finish edges — one machine does it all
- Holds all STI tooling and diamonds — use your full tooling lineup
- Covers 66% more SF/M² than STI's previous tool plate — more coverage, faster work
- IMPORTANT: FOR THE Prep/Master® 3030 machines these can only be used on serial #1255 and newer

3030 & 3038 Item# 885013030
2807 & 2818 Item# 885002807

STANDARD TOOL PLATES

Item# 884028303

- The standard tool plate for the 28 & 30 Prep/Master®
- Holds all STI tooling and diamonds
- For everyday grinding and polishing
- A genuine Prep/Master® part

Item# 884024443

- The tool plate for the Prep/Master® 2420 and 4430
- Holds all STI tooling and diamonds
- For grinding and polishing
- A genuine Prep/Master® part

PM JR TOOL & DRIVE PLATES

TOOL PLATE ITEM#:
823026502
DRIVE PLATE ITEM#:
823489052

- Built-in EG Quick Change groove — your EG quick-change tooling slides directly into the plate
- No separate metal adapter plate required — fewer parts, faster setup, lower cost
- Fast tool changes — slide tooling in and out
- Designed for the Prep/Master® Jr

EG QUICK CHANGE ADAPTER

Item# 570000014

- Adding Quick Change capability to your EG tool plates
- Running QC-style tooling on an EG-equipped machine
- Fast, slide-in/slide-out tool changes — no bolting

EG METAL VELCRO ADAPTER

Item# 570000031

- 3-inch diameter
- Female adapter for the EG "Quick Change" system
- Metal casing with velcro to attach the resin insert
- For use with the 3-inch EG Resin Insert to prevent floor scratches

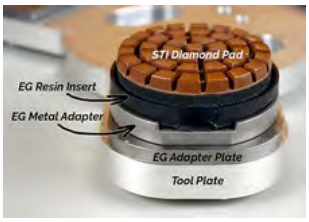
EG RESIN INSERT

Item# 570000026

You'll Need Both

- This EG Metal Adapter (Velcro Attachment) — the metal QC adapter with velcro
- EG Resin Insert — the resin cushion that velcros on and protects the floor

HOW THE "STACK" WORKS



From the machine up, the assembly goes:

1. Tool Plate (on your machine)
2. EG Adapter Plate (Quick Change)
3. EG Metal Adapter — Velcro Attachment (this part slides in, female QC)
4. EG Resin Insert (velcro-attached to this adapter)
5. STI Diamond Pad (your resin polishing pad)

PREP MASTER ACCESSORIES

MAINTENANCE KITS

The Maintenance Kit has the drivetrain parts and hardware to service your electric Prep/Master® grinder — couplers, adapters, and the keys, bolts, and washers that go with them, bundled in one kit. Keep your machine driving smoothly and avoid downtime when wear parts need replacing.

ELECTRIC PREP MASTER KITS:

ITEM# 429014602

- *Flat washers (6)*
- *602 Morflex couplers (2)*
- *EG female adapters — Quick Change (3)*
- *Woodruff keys (3)*
- *3-in. bolts for the 602 coupler (8)*
- *Split lock washers for the 602 coupler (8)*
- *M8 bolts (6)*
- *Lock washers (6)*

PROPANE PREP MASTER KITS:

2418:

- *Oil filter (1)*
- *Oil — 1 quart*
- *Bonnet filter (1)*
- *Air filters (2 types)*
- *Belt (1)*
- *Spark plugs (2)*
- ***ITEM# 429162428***

3038 & 4438:

- *Oil filter (1)*
- *Oil — 1 quart*
- *Bonnet filter (1)*
- *Air filters (2 types)*
- *Belt (1)*
- *Spark plugs (2)*
- **ITEM# 429163044**

PM JR KITS:

ITEM# 429000823

- *Dust band/shroud for the P/M Jr (color may vary) (1)*
- *502 Morflex couplers (2)*
- *2.25-in. bolts (4) and lock washers (4) for the 502 coupler*
- *2-in. bolts for the drive plate (4)*
- *Woodruff keys for the P/M Jr (2)*

PREP MASTER ACCESSORIES

502 & 602 COUPLERS

There are two Morflex couplers, by machine:
602 Coupler — fits all Full Size Prep/Master® (2807, 2420, 3030 & 4430)
502 Coupler — fits the PM Jr and PM Sr
Not sure which your machine takes? Call us with your model and we'll confirm.

ITEM #'S:
880000602 – 602 Coupler
880000502 – 502 Coupler

DUST SKIRTS & DUST BANDS:

Top and Bottom: A Complete Seal
Your Prep/Master's dust containment relies on two seals working together:
Dust Band (upper, tan) — seals the shroud to the gearbox (top)
Dust Skirt (lower, black — this part) — seals the shroud to the floor (bottom)

MACHINE	DUST SKIRTS	DUST BANDS
2420 2807 3030 4430 PM JR	420312024 420312024 420312024 420312044 N/A	402042420 402042807 402043030 402044430 823000206

PREP MASTER WEIGHTS

POCKET WEIGHTS	HORSESHOE WEIGHTS	PM JR WEIGHTS
Used on 24, 44 & older style 28 & 30 Prep Masters	Used on newer style 28 & 30 Prep Masters	Used only for the PM Jr
Item# 420000635	Item# 421750118	Item# 823000205

L19S7 Electric Grinder

L19 is a new addition to the LAVINA S7 line, and is offered in 115V (L19S7) and 220V (L19EUS7). It's a small and lightweight single-speed grinding and polishing machine, similar to the 16″ Elite model but with a 20″ footprint. This is a great machine for rental stores, DIYers, and working in tight areas, such as bathrooms, small patios, basements, etc.

Specifications

- Horsepower: 3HP
- Voltage: 1 phase x 115V
- Weight of Machine: 221 lbs
- Grinding Pressure: 139 lbs
- with additional weights: 176 lbs
- Working Width: 20″
- Tool Holder Diameter: 3×9 in
- Heads Rotation: Clockwise
- Grinder Series: S7
- Grinder Type: Planetary

Item #303007019

L20S7 Electric Grinder

L20S7 floor grinder is the latest addition to the Lavina S7 lineup. It features a compact 20″ footprint with the new S7 frame design and dust-proof grinding head. This machine delivers superior grinding and polishing experience, and is ideal for medium sized floor projects, including prep for epoxy, glue and coating removal, grinding and polishing.

Item #303607020

SPECIFICATIONS

- Motor: 7.5hp / 5.5 kw
- Voltage (50-60hz): 1 or 3 ph, 200-240V, 30A
- Weight of Machine: 518 lbs
- Grinding Pressure: 242 – 309 lbs
- Tool Holder RPM: 400-1100 rpm
- Working Width: 20″
- Tool Holder Diameter: 3×9 in
- Heads Rotation: Counterclockwise
- Vacuum Hose Port: 50mm pip
- Water Tank Capacity: 2.1 gal
- Machine Dimensions (LxWxH): 86x32x46 in
- Grinder Series: S7
- Grinder Type: Planetary

L20GS7 Propane Grinder

NEW FRAME DESIGN

Item #303603020

NEW SEALED & DUST-PROOF GRINDING HEAD

Longer service life and less maintenance.
Completely redesigned chain-driven planetary drive
New stronger timing belt
Upgraded shafts, seals and bearings
New lighter timing pulleys for better power transmission
New 2-piece aluminum main belt housing with belt inspection cover

SPECIFICATIONS

- Motor: 7.5hp / 5.5 kw
- Voltage (50-60hz): 1 or 3 ph, 200-240V, 30A
- Weight of Machine: 518 lbs
- Grinding Pressure: 242 – 309 lbs
- Tool Holder RPM: 400-1100 rpm
- Working Width: 20″
- Tool Holder Diameter: 3×9 in
- Heads Rotation: Counterclockwise
- Vacuum Hose Port: 50mm pip
- Water Tank Capacity: 2.1 gal
- Machine Dimensions (LxWxH): 86x32x46 in
- Grinder Series: S7
- Grinder Type: Planetary

L25S7 Electric Grinder

Item #303601025

NEW SEALED & DUST-PROOF GRINDING HEAD

- Longer service life and less maintenance.
- Completely redesigned chain-driven planetary drive with no chain tensioner
- New stronger timing belt
- Upgraded shafts, seals and bearings
- New lighter timing pulleys for better power transmission
- New 2-piece aluminum main belt housing with belt inspection cover for longer belt life and less maintenance

SPECIFICATIONS

- *Power: 10hp / 7.5kw*
- *Voltage (50-60 Hz): 1 or 3 phase, 200-240V*
- *Amperage (max): 30 Amp*
- *Weight of Machine: 871 lbs / 395 kg*
- *Grinding Pressure integrated weights w/4 pos: 329-514 lbs / 149-233 kg*
- *Tool Holder RPM: 400-1100 rpm*
- *Working Width: 26.5 in / 673 mm*
- *Tool Holders (Left Rotation): 3×9 in / 3×225 mm*
- *Vacuum Hose Port: Camlock E250*
- *Water Feed (tank or hose connection): gravity-fed*
- *Water Tank: 5.2 gal / 20 L*
- *Cable Length: 57 ft / 17.4 m*
- *Machine Size: 84x24x49 in*
- *Grinder Series: S7*
- *Grinder Type: Planetary*

L30GS7 Propane Grinder

Item #303603030

L30GS7 Propane Concrete Floor Grinder

New Lavina S7 series 30″ propane grinders with Kohler PCV740 Engine, 747 cc (24 hp / 3600 min) and also offered with Kawasaki FX600V (19 hp).

With added features contractors will love, this propane grinder is a next level machine. It features a new sealed, dust-proof grinding head for longer service life.

The all-new LAVINA S7 Grinders feature a completely new design to make contractors' work easier and more efficient. The new frame with upgraded weights and handle allow for easier tool changes, better control and less vibrations. The new grinding head is completely sealed and dust-proof for longer service life and less maintenance. Redesigned chain-driven planetary drive, new stronger timing belt, upgraded shafts and pulleys are just some of the changes that take these grinders to the next level of operability and reliability. Superabrasive!

SPECIFICATIONS

- *Propane Engine: KOHLER® PCV 740 or Kawasaki FX600V*
- *Engine Capacity: 24 hp / 17.9 kW 747 cc, 45 cu. in.*
- *Weight of Machine: 926 lbs*
- *Tool Holder RPM: 425-765 rpm*
- *Engine RPM: 2000-3600 rpm*
- *Working Width: 30.8 in*
- *Tool Holder Diameter: 3×13.2 in*
- *Vacuum Hose Port: Camlock E300*
- *Water Feeding from tank, or hose connection: gravity-fed*
- *Water Tank Capacity: 5.2 gal*
- *Propane Tank: 20 lbs*
- *Machine Size (LxWxH): 86x32x46 in*
- *Grinder Series: S7*
- *Grinder Type: Planetary*

S210E SHOTBLASTER

For Blasting Projects 430 SF/hr (40m2/hr)
High-Performance Concrete Shot Blaster for Surface Preparation
This concrete floor shot blaster is designed for surface preparation, coating removal, and concrete profiling. The S210E concrete shot blaster delivers consistent results for commercial, industrial, and specialty flooring applications. This is the first 110V blaster with the In-Line Separation system. This means better separation of abrasive and dust as well as superior production over similar priced shot blast machines.
Its compact design is ideal for residential contractors, smaller areas inherent on large projects, and where limited access work areas are in need of a profiled surface. Also, comes standard with an adjustable height handle.

Specifications

- Blasting Width: 8 in. (210mm)
- Power: 110 Volt
- Travel Type: Manual / Self-propelled
- Production Rate: 430 SF/hr
- Application: Concrete surface prep and coating removal

Item #101210002

S270E-75R SHOTBLASTER

For Blasting Projects 1,400 SF/hr (140m2/hr)
High-Performance Concrete Shot Blaster for Surface Preparation
This concrete floor shot blaster is designed for surface preparation, coating removal, and concrete profiling. The S270E-75R concrete shot blaster delivers consistent results for commercial, industrial, and specialty flooring applications.
The IMPACTS S270E-75R is a very powerful and compact shot blaster for medium horizontal surfaces. A powerful wheel motor with an optimized separation system and variable speed drive motor makes the machine very efficient and easy to operate. The only “forward walking” 10-inch shot blaster on the market that can also be used as an “edger”

Specifications

- Blasting Width: 10 in. (140mm)
- Power: 230 Volt
- Travel Type: Self-propelled
- Production Rate: 1,400 SF/hr
- Application: Concrete surface prep and coating removal

Item #101270004

S210E-40R SHOTBLASTER

For Blasting Projects 861 SF/hr (80m2/hr)
High-Performance Concrete Shot Blaster for Surface Preparation
This concrete floor shot blaster is designed for surface preparation, coating removal, and concrete profiling. The S210E-40R concrete shot blaster delivers consistent results for commercial, industrial, and specialty flooring applications.
The IMPACTS S210E-40R is a very powerful, but compact and light weight self-propelled blast machine. The combination of the powerful wheel motor with an optimized separation system and the variable speed drive motor makes the machine very efficient.
Its compact design is ideal for residential contractors, smaller areas inherent on large projects, and where limited access work areas are in need of a profiled surface. Also, comes standard with an adjustable height handle.

Specifications

- Blasting Width: 8 in. (210mm)
- Power: 220 Volt
- Travel Type: Self-propelled
- Production Rate: 861 SF/hr
- Application: Concrete surface prep and coating removal

Item #101210004

S125E HAND HELD SHOTBLASTER

For Vertical Blasting Projects
High-Performance Concrete Shot Blaster for Surface Preparation
This concrete floor shot blaster is designed for surface preparation, coating removal, and concrete profiling. The IMPACTS S125E is a small handheld, shot blasting machine that is designed for a variety of horizontal and vertical applications.
Its compact, strong design is especially suitable for shot peening of small areas on concrete, screed, and asphalt, as well as small steel surfaces.
For vertical application, we recommend using a balancer.
The S125E is the perfect little shot blaster for edging!

Item #101125002

Specifications

- Blasting Width: 5 in. (125mm)
- Power: 120 Volt
- Travel Type: Manual Travel Speed
- Production Rate: Manual Travel Speed
- Application: Concrete surface prep and coating removal

S320E SHOTBLASTER

For Blasting Projects 2,150 SF/hr (200m2/hr)

High-Performance Concrete Shot Blaster for Surface Preparation

This concrete floor shot blaster is designed for surface preparation, coating removal, and concrete profiling. The S320E concrete shot blaster delivers consistent results for commercial, industrial, and specialty flooring applications.

As a welcome addition to the IMPACTS series of equipment, the S320E is a powerhouse in a small package.

At 12.6 inches (320mm) and 15HP (11kW), the S320E shot blaster will out blast comparably-sized blasting machines.

The most ideal application for this model is the aggressive removal of coatings on large surface preparation projects.

Its compact design is ideal for commercial contractors, larger areas inherent on large projects, where work areas are in need of a profiled surface.

Item #101320001

Specifications

- Blasting Width: 12.6 in. (320mm)
- Power: 480 Volt
- Travel Speed: Variable 0-98 ft/min.
- Production Rate: 2,150 SF/hr
- Application: Concrete surface prep and coating removal

S320RD SHOTBLASTER

The S320RD Ride-on propane model is perfect for powerful shot blasting with the added convenience of a seat & steering wheel!

At 12.6 inches and 24HP, the S320RD Streamer will out blast comparably-sized and priced blasting machines.

- The on-board dust collector with the one hand operated dustbin improves the handling comfort.
- Turned on the spot.
- The front lifting system helps for easy transportation.
- Optimised weight.

Item #101320003

SPECIFICATIONS	
Blasting Power	24 hp
Travel Speed	Variable 0-118 ft/min
Power Supply	Propane
Working Width	12.6"
Blasting Capacity	2,153 sf per hour
Weight	1,808 lbs

S410E SHOTBLASTER

For Blasting Projects 2,800 SF/hr (260m2/hr)

High-Performance Concrete Shot Blaster for Surface Preparation

This concrete floor shot blaster is designed for surface preparation, coating removal, and concrete profiling. The S410E concrete shot blaster delivers consistent results for commercial, industrial, and specialty flooring applications.

The S410E Shot Blaster is a unique machine to the industry because similarly sized machines do not have as much horsepower.

It not only outperforms other blasters for brush blasting, but also blasts more productively in coating removal applications for large projects. Because of the high HP, it also works great on steel deck surface preparation.

At 16 inches (410mm) and 24HP (15kW), the S410E shot blaster will out blast comparably-sized blasting machines. It not only outperforms other blasters for brush blasting, but also blasts more productively in coating removal applications for large projects. Because of the high HP, it also works great on steel deck surface preparation.

Item #101410001

Specifications

- Blasting Width: 16 in. (410mm)
- Power: 480 Volt
- Travel Speed: Variable 0-125 ft/min.
- Production Rate: 2,800 SF/hr
- Application: Concrete surface prep and coating removal

S600E SHOTBLASTER

For Blasting Projects 4,000 SF/hr (400m2/hr)

High-Performance Concrete Shot Blaster for Surface Preparation

This concrete floor shot blaster is designed for surface preparation, coating removal, and concrete profiling. The S600E concrete shot blaster delivers consistent results for commercial, industrial, and specialty flooring applications.

This is the largest in the IMPACTS Americas fleet of mobile shot blasters. It is a two-wheel shot blaster with very high production rates for brush-blasting as well as aggressive removals. Its 23-inch blasting pattern makes it a reasonably sized walk-behind blaster that is the most productive for very large project areas.

At 23 inches (600mm) and 30HP (22kW), the S600E shot blaster will out blast comparably-sized blasting machines. It not only outperforms other blasters for brush blasting, but also blasts more productively in

coating removal applications for large projects. Because of the high HP, it also works great on steel deck surface preparation.

Item #101600001

Specifications

- Self Propelled
- Efficient blasting width of 23″ for consistent coverage
- High production rates for faster job completion
- Adjustable travel speed for different surface conditions
- Compatible with dust collection systems for cleaner operation

SHOTBLASTER ACCESSORIES

25" MAGNET SWEEPER

Item # 225000124

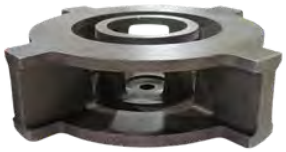
- Double layer of permanently charged magnets — greater magnetic field and maximum lifting power
- 24-inch width — covers a large area quickly
- 8-inch steel hub with ball-bearing wheels — durable, easy to maneuver and push
- Maximum lifting height: 5¾ in. (tested with a 2½-inch nail)
- Nylon flange bushings protect all moving parts — less wear, longer life
- Rugged 3-piece handle and welded design for long life
- Stands up on its own when not in use

HANDHELD MAGNET

Item # 227100071

- Picking up loose steel shot after shot blasting
- Recovering your abrasive — steel shot is reusable, so don't sweep it away
- Keeping the job site clean and safe — no loose shot underfoot
- 3-pound holding capacity

WHEEL KITS

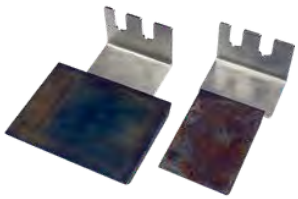


The blast wheel is the heart of your shot blaster — the spinning wheel that throws steel shot at the floor. When the wheel on your machine wears out, this IMPACTS® Blast Wheel Kit is the complete replacement wheel — swap out the worn one and get your blaster throwing at full power again.

Item #'s:

201000001 – S600, S410, S320, S250, S800
201000002 – S270E, S270-75R, S210-40R
201000145 – S210E

REDUCTION LINERS



- Blasting narrow strips and lanes without touching the surrounding floor
- Line-stripe prep and removal — strip painted lines or prep for new ones
- Narrowing your shot blaster's path to a precise

2" LINERS	MACHINE
201001726 201001723 201001811	S210E SE210E-40R S270E-75R
4" LINERS	**MACHINE**
201001725 201001722 201001810	S210E SE210E-40R S270E-75R
2" LINERS	**MACHINE**
201001724 201001721 201001809	S210E SE210E-40R S270E-75R

STEEL SHOT

S280 - Item # 61003
S330 - Item # 61001

- Premium high-carbon, martensitic steel — made in Germany to international (SAE & ISO) specifications
- Lowest consumption — durable shot lasts longer and recycles more times, so you buy less
- Highest productivity, lowest cost — consistent cleaning power keeps your blasting fast and predictable
- Reduced wear on your machine and less dust and waste to deal with
- Consistent quality, batch after batch

IMPACTS DUST COLLECTORS

The 3003AR is a particularly strong filtering unit with fully automatic cleaning of the filter cartridges — so it keeps working at full suction without stopping to clean the filter by hand. Three turbines, each generating 1,000 watts of drive power, are the basis for its exceptional performance. The result is reliable, continuous dust control that keeps your air clean and your job moving.

3003AR

Features

- 300 CFM (510 m³/h) — strong airflow for effective dust capture
- Three turbines, each 1,000 watts — the power behind its performance
- HEPA filter, OSHA-compliant — captures fine, hazardous silica dust
- Fully automatic self-cleaning filter cartridges — cleans during operation, no manual filter cleaning
- Longopac disposal system — safe, clean collection and disposal of toxic dust and waste
- Optimized proportions — maximum performance at minimum weight
- Strong motors and timing board — dependable, long service life

Item # 104000033

Applications

The 3003AR handles a wide range of surface prep and concrete grinding work — controlling airborne dust, maintaining visibility, and improving job site safety:

- Concrete grinding
- Shot blasting dust extraction
- Epoxy and coating removal
- Surface preparation for polishing and overlays

DUSTCOM 3324

Pair this with our S320E Shotblaster!

Features

- Capacity: 28 gal. (105 liters)
- Available in 230V or 480V
- All-in-one “lifting lock” for the dust bin handling
- Big, ergonomically optimized dust bin
- Removable, changeable dust host connection
- No edges and obstacles outside the frame
- Optimal dimensions, high performance, low weight
- Electro-pneumatic compressor regulations

Item # 104000015

DUSTCOM 4025

Pair this with our S410E Shotblaster!

Features

- Capacity: 52 gal. (200 liter)
- All-in-one “lifting lock” for the dust bin handling
- Big, ergonomically optimized dust bin
- Removable, changeable dust host connection
- No edges and obstacles outside the frame
- Optimal dimensions, high performance, low weight
- Can be split into two units
- Lifting locks for easy transportation
- Electro-pneumatic compressor regulations

Item # 104000007

Dust Collector Accessories

Item#'s:
104000030 – Wand
10470030 – Floor Tool

WAND & FLOOR TOOL

- Sturdy metal materials
- Vacuum Wand: 48-in. long, 2-in. diameter, single bend, chrome body
- Floor Tool with rollers: 18-inch width
- Gap between floor tool and floor surface is adjustable
- Brushes and squeegees are replaceable
- Items purchased separately (must purchase both parts to get full wand package)

Item# 204000277

LONGOPACKS

- Dust-free bag changes — seal and cut off a full section without releasing dust (a real win for silica safety and compliance)
- Extremely strong — among the strongest continuous liners made, with guaranteed strength so heavy concrete dust won't burst them
- Long continuous liners — far more capacity per cassette means fewer changes and less downtime
- Anti-static option — guaranteed anti-stat versions for ATEX/static-sensitive environments
- Multi-layer PE, REACH compliant, SVHC free, made in Sweden

HEPA CARTRIDGE FILTER

Item# 306000029

- Replacement HEPA cartridge for the PM3003AR dust collector
- 12-inch height
- Pleated cylinder design — maximizes filtration surface area
- Captures 99.995% of all particles 0.3 microns or smaller

2" or 3" HOSE WITH CUFFS

- Length - 25 Feet
- 2-inch or 3-inch diameter, with factory-installed polyweld cuffs — ready to connect
- Double-profile I-Helix construction for easy movement over surfaces
- Crush-resistant — won't collapse under foot traffic or tight bends
- Superior abrasion resistance
- Very flexible — easy to maneuver
- Smooth interior — efficient airflow and strong suction
- Handles a full vacuum
- Corrosion-resistant — resists hot water and detergents, so it handles wet pickup too

Item# 423500252

Item# 423603080

5" or 6" HOSE

Built for Concrete Dust Collection

- Abrasion-resistant polyurethane — handles gritty concrete dust that destroys rubber/PVC hoses, for longer life and lower cost
- Transparent "see-the-flow" construction — spot clogs and confirm material is moving
- Easy-slide helix — rigid helix protects the hose and lets it slide over rough job-site surfaces
- "Cold-Flex" material — stays flexible even in sub-zero temperatures
- Oil-resistant and phthalate-free, made in the USA
- Standard (clear) — the transparent polyurethane dust hose

Item#'s:
UV1-500 – 5" Hose
UV1-600 – 6" Hose

RUWAC DUST COLLECTORS & ACCESSORIES

The RB331PRO comes complete with 330 CFM, the RB331PRO Direct Bag by Ruwac has everything you need for small, medium, and large surface preparation applications. As part of Ruwac's direct bagging Pro Series, this vacuum features a bagged collection system for dust-free collection.

RB331PRO

Item # 331110718

- Bagged collection system allows for dust-free maintenance
- Zero contact with contaminants
- Fully grounded to protect against static build-up
- Durable compression cast "bulletproof" composite housing will never dent or rust – Guaranteed for life!
- Industry-leading MicroClean filtration is 99% efficient @ 0.5 Microns – 3-year filter life guarantee!
- Secondary HEPA MAXX filtration is 99.97% efficient @ 0.3 Microns
- External manual filter shaker system allows you to clean the primary filter without having to disassemble your vacuum
- Ruwac Continuous Bagging System

Voltage:	120 Volts
Amps:	15 Amps
Duty Cycle :	Intermittent
Vacuum Ratings:	75" H2O
Volume Rating (CFM):	330 CFM
Primary Filter Efficiency:	99% @ 0.5 Microns
Primary Filter Area:	28 sq. ft.
Primary Filter Cleaning:	Heavy Duty External Manual Shaker
Secondary Filter – HEPA MAXX Compact :	HEPA MAXX Compact – 99.97% Efficient @ 0.3 Microns

AVAILABLE UPGRADES

ACCESSORIES

REPLACEMENREPLACEMENT BAGS FOR CONTINUOUS BAGGING SYSTEM (4 IN A CASE), SOLD PER CASE
Item# 950970510

904376-BL – Reducer 2.75″ OD BL x 2″ OD
Item# 950904376

3" x 25' Crush Proof Vacuum Hose w/ Non-Grounded Cuffs
Item# 950701225

RUWAC DUST COLLECTORS & ACCESSORIES

R201H
"Little Red"

Features

- 200 CFM suction with 98″ of water lift — strong pull for fine dust
- 9-gallon dry collection capacity
- Dual-stage filtration — MicroClean 13 primary filter + HEPA MAXX secondary
- HEPA-level filtration — captures fine, hazardous silica dust
- 3.2 HP, 120V — plugs into standard power
- 2″ cast aluminum inlet
- Portable "Red Line" design — move it around the job site easily
- American made by Ruwac USA

Specifications

- CFM: 200
- Water lift: 98″
- Motor: 3.2 HP (dual motor)
- Power: 120V / 60Hz, 19 amps
- Capacity: 9 gallon dry
- Primary filter: MicroClean 13
- Secondary filter: HEPA MAXX
- Inlet: 2″ cast aluminum
- Shipping weight: 177 lbs

Item #996550201

RB211
"Quite Vac" Bagger

Features

- Use up to 25 feet of hose
- 210 CFM with 98″ of water lift — strong suction for fine dust
- Dual motor, 3.2 HP, 120V — standard power
- Quiet operation — includes a silencer kit for extremely quiet running
- Direct bagging collection — clean, simple dust disposal
- External filter cleaning — dustless filter cleaning without opening the machine
- MicroClean 13² filter — 99% efficient at 0.5 microns
- "Bulletproof" compression-cast composite modular housing — durable and rebuildable
- 2″ vacuum inlet with cast aluminum deflector

Specifications

- CFM: 210
- Water lift: 98″
- Motor: dual motor, 3.2 HP
- Power: 120V / 60Hz
- Filter: MicroClean 13² (99% @ 0.5 microns)
- Collection: direct bagging
- Inlet: 2″ with cast aluminum deflector
- Duty: intermittent

RB291PRO
"Red Raider 120"

Features

- Three motors, 290 CFM with 75″ of water lift — strong pull for demanding prep
- 120V, 3.2 HP — standard power
- Dual-stage filtration standard:
  - MicroClean 13 sq. ft. primary filter — 99% efficient at 0.5 microns
  - HEPA 2.0 secondary filter — 99.97% efficient at 0.3 microns
- 9-gallon collection with removable dustpan — easy emptying
- External filter cleaning — dustless filter cleaning without opening the machine
- Silencer kit — extremely quiet operation
- "Bulletproof" compression-cast composite modular housing
- 2″ vacuum inlet with cast aluminum deflector
- Use up to 50 feet of hose

Specifications

- CFM: 290
- Water lift: 75″
- Motor: three motor, 3.2 HP, 120V
- Primary filter: MicroClean 13 sq. ft. (99% @ 0.5 microns)
- Secondary filter: HEPA 2.0 (99.97% @ 0.3 microns)
- Capacity: 9-gallon, removable dustpan
- Inlet: 2″ with cast aluminum deflector
- Hose: up to 50 feet
- Duty: intermittent

HAWK WET/DRY VACS

20 GALLON VAC

Features

- Handles both wet and dry pickup
- 20-gallon capacity (17 gal. wet / 1 bushel dry)
- 2 HP (1.5 kW) 2-stage heavy-duty bypass motor
- 115V, 60 Hz
- Automatic liquid shut-off prevents motor flooding from foam or solution
- Quiet operation — 78 dB (meets GS42 standard)

Squeegee attachment for removing water and slurry

Item #364117020

Dry Attachment Kit Included with purchase of vac

29 GALLON VAC

TITAN V29

Features

- Handles both wet and dry pickup
- 29-gallon capacity
- 2 HP, 2-stage heavy-duty bypass motor (230V option available)
- 115V, 50/60 Hz, with a 35-ft 2-part power cord
- Rear-mounted 1.5″ quick-drop drain valve — empty without lifting
- Large 12.5″ top tank access for easy cleaning
- 8″ rear wheels and 4″ front casters; moves loads up to 400 lbs
- Automatic liquid shut-off prevents motor flooding
- Quiet operation — 68 dB (meets GS42 requirement)
- Includes wet/dry tool kit, 15-ft hose, and washable dust bag; front-mount squeegee

Dry Attachment Kit Included with purchase of vac

Item #Item #364117020

HAWK WET/DRY VACS

55 GALLON VAC

Hawk Titan V55

Features

- Handles both wet and dry pickup
- 55-gallon capacity — the largest in the Titan line
- 2 HP, 2-stage heavy-duty bypass motor (230V option available)
- 115V, 50/60 Hz, with a 35-ft 2-part power cord
- Rear-mounted 3″ quick-drop drain valve — empty large volumes without lifting
- Large 12.5″ top tank access for easy cleaning
- Large rear wheels and front casters; moves loads up to 400 lbs
- Automatic liquid shut-off prevents motor flooding Quiet operation (meets GS42 requirement)
- Includes wet/dry tool kit, 15-ft hose, and washable dust bag; and front-mount squeegee

Specifications

- Tank: 55 gallons
- Motor: 2 HP, 2-stage bypass (230V option)
- Power: 115V, 50/60 Hz
- Drain: 3″ quick-drop
- Weight: 94 lbs
- Dimensions: 43.5″ × 36.5″ × 24″

It ships with wet/dry tool kit, 15-ft hose, washable dust bag; and front-mount squeegee

SWING MACHINE & ACCESSORIES

17" or 20" SWING MACHINE

17" Item #364590020

20" Item #364590017

- Planetary steel helical-cut gear drive for superior reliability
- 1.5 HP / 120V
- Dual Electric Motor: 175 & 300 RPM
- Steel brush covers are strong and durable
- UL / CUL-Approved for safety assurance
- Accessories (Sold Separately

SPLASH GUARD

17" Item#: 360017018
20" Item#: 360020020

- Contains water and slurry during wet grinding and polishing
- Keeps spray off walls, surroundings, and the rest of the floor
- Cleaner work area and easier cleanup
- Mounts to your Hawk® rotary floor machine

DIAMOND DISC DRIVER

17" Item#: ZRML17
20" Item#: ZRML20

- Round driver plate that accommodates six rubber pad holders or prep tools
- High-impact polyethylene construction — durable and lightweight
- Universal mounting arbor for twist-lock attachment — quick, secure mounting
- Fits 17″ and 20″ swing machines

DUST PICKUP SYSTEM

Item#'s:
360017010 – 17″
360020031 – 20″

- Captures dust at the source on your rotary floor machine
- Keeps fine concrete dust out of the air
- Cleaner job site and less cleanup
- Connects to your dust collector or vacuum
- Made by Hawk Enterprises for their floor machines

4 Gallon Solution Tank

Item# 360001004

- Dispenses water or cleaning solution onto the floor as you work
- For wet grinding, polishing, and scrubbing
- 4-gallon capacity — more coverage between refills
- Mounts to your Hawk® rotary floor machine
- Made by Hawk Enterprises

PAD DRIVER WITH CLUTCH

17″ – Item# 360017010
20″ – Item# 360020011

- Holds floor and polishing pads on your rotary floor machine
- Clutch plate mounts the driver to the machine
- Keeps pads seated securely so they run true
- Made by Hawk Enterprises for their swing machines

CONCRETE HAND GRINDERS

Which Grinder Package Is Right for You?

We offer four 5" and 7" Metabo grinder packages:

5″ Pro (this one) — core 5″ kit, 9-segmentwheel; light and maneuverable foredges and detail
5″ Premium — 5″ kit with a 10-segment wheel, loop handle, and adapter nuts
7″ Premium — 7″ kit with a single 24-segment wheel, for more coverage per pass 7″
Pro — the most powerful: 15-amp Metabo W24-230 and two 12-segment wheels Not sure which fits your work? Call us and we'll help you choose.

5" PRO GRINDER PACKAGE

What's in the Package

- 5″ Metabo WEV15-125 grinder —13.5 amp, variable speed for the right speed on any job
- Convertible hub shroud — for dust containment (converts for edge work)
- 4.5″ 9-segment turbo cup wheel — for grinding and surface prep

Item # 670665000

5" PREMIUM GRINDER PACKAGE

What's in the Package

- 5″Metabo WEV15-125Quick HT grinder — 13.5 amp, variable speed (2,800–9,600 RPM) for the right speed on any job
- Convertible hub shroud — for dust containment (and it converts for edge work)
- Loop handle — for control and comfort
- Adapter nuts — the hardware to mount your tooling
- 4.5″ 10-segment turbo cup wheel — for aggressive grinding and prep

Item # 670065000

7" PRO GRINDER PACKAGE

What's in the Package

- Metabo® W24-230grinder— 15 amp, 6,600 RPM, serious grinding power
- U.S. Saws dust shroud — for dust containment
- Loop handle — for control and comfort
- (2) 7″ 12-segment turbo cup wheels — two wheels for aggressive grinding and prep

Item # 670060002

7" PREMIUM GRINDER PACKAGE

What's in the Package

- 7″ Metabo® grinder — bigger cutting path, more coverage per pass
- Convertible U.S. Saws dust shroud — for dust containment (converts for edge work)
- 7″ 24-segment turbo cup wheel — aggressive grinding and prep across a wider path
- Loop handle — for control and comfort
- Adapter nuts — the hardware to mount your tooling

Item # 670600062

CONCRETE HAND GRINDERS & ACCESSORIES

7" SCORPION 2600VS GRINDER

The onlyhand-held concrete grinder/polisherof its kind. The Scorpion 2600VS is the first and only 7″ hand-held grinder built specifically for concrete, with true variable speed control from 2,700 to 6,200 RPM — a range no other tool in its class offers. Dial it up for aggressive grinding, or dial it down for precision work near edges, joints, repairs, or speed-sensitive tooling. One tool, full control, exactly the speed the job demands.

Item # 670606027

Key Features

- Built specifically for concrete
- 15-amp motor — muscle for aggressive grinding and polishing
- Variable speed control, 2,700–6,200 RPM — match the speed to the task
- U.S. Saws G-2 convertible dust shroud — connects directly to your vacuum for dust-free grinding
- Versatile tooling — variable speed allows proper operation of cup wheels and polishing pads
- Compact, hand-held — reaches edges, tight spots, and under fixtures

What's Included

- Scorpion 15-Amp Variable Speed Grinder
- U.S. Saws Convertible Dust Shroud (G-2)
- Comfort Grip Loop Handle
- Blade Nuts
- A complete package — grinder, dust shroud, loop handle, and nuts, ready to go.

5" or 7" PRO DUST SHROUD

- Fits 5″ and 7″ hand grinders —Makita or Dewalt
- Brand-specific fitment — Makita, Metabo, and other grinders (call with your model)
- Convertible design — flip it to grind against vertical surfaces and up to walls

- 5" Part# 670652485
- 7" Makita Part# 670601185
- 7" Dewalt Part# 670601472

BEARING HUB & SHAFT ASSEMBLY

- Restores a grinder with a failed bearing to
- working condition
- Bearing hub and shaft assembly —
- replacement repair part
  Includes a 24-230 gear set
  Item # 613606410 (US Saws ME316064100)

5" or 7" DELUXE DUST SHROUD

- Fits 5″ and 7″ hand grinders — brand-specific fitment (Metabo, Makita, and more — call with your model)
- Captures up to 99% of airborne particles — outstanding dust control Convertible flip-up hood — flip it up to grind right against a wall, flip down for open-area grinding Dual-density construction — durable and effective
- Adjustable height — accommodates different cup wheels and grinding wheels
- Complete kit — includes the shroud, mounting hardware, and two adapter nut sets (one for diamond cup
- wheels, one for ZEC abrasive discs)

Item#'s:
5" - 670652015
7" - 670601152

5" or 7" ECONOMY DUST SHROUD

Affordable — reliable dust containment at a price that makes sense
Available in 5″ and 7″ — matched to your grinder
Universal fit — compatible with most standard 5″ and 7″ angle grinders
Snaps on fast — less setup, more grinding
Lightweight — won't add bulk or fatigue to your workflow

Item#'s:
5" - 670651026
7" - 670601023

TC-7 Stand-up Edger with Polishing Package

What Makes the TC-7 Different

Stand-up comfort, handheld feel — edge all day without hunching over a hand grinder
Grinds right up to walls and other vertical surfaces — perfect for perimeters and edges
Full control — rear lever adjusts pitch; front handle steers side to side and follows the surface
Dust-free — features the U.S. Saws Generation 2 dust shroud system for a clean work environment
Runs 7″ diamond cup wheels or polishing pads — prep or polish

What's in the Polishing Package

- This TC-7 comes ready to polish, with everything you need:
- E&F nuts — the hardware to mount it all up
- Variable speed control box — dial in the right speed for grinding or polishing
- #120 Bi-Turbo — for your grinding/transition step
- Steel backing pad — to run the tooling
- #50–#3000 Honeycomb resin pads — the full progression of resin polishing steps, from coarse to a high-gloss finish

Item # 670024237 (US Saws SX67000-PKG)

VSG-10 STAND UP VARIABLE SPEED GRINDER

*****BUILT TO ORDER*****

Why the VSG-10?

Goes where big machines can't — edging and tight spaces a large planetary won't fit
Great for small jobs — prep or polish a 2–3 car garage or basement quickly thanks to its high speed
Variable speed — dial in the right speed for grinding or polishing
Strong coating removal — excellent at stripping coatings when run with PCD segments
Portable — two people can easily carry it up or down stairs
Easy power — runs on standard 115V, so finding a power supply is simple

Where It Shines

Edging on larger projects
Tight or small spaces — garages, basements, small rooms
Coating and adhesive removal (with PCD segments)
Anywhere portability and 115V power matter

Versatile Tooling

The VSG-10's grinding plate accepts 3 or 6 "Fast Change" diamonds, available in a variety of bonds and grits for different surfaces and jobs. With the velcro resin holders, it also runs any 3″ resin, ceramic, or hybrid tooling — so you can take it from aggressive coating removal all the way to a polished finish.

Item# 670061000

CC-100 Walk Behind Crack Chasing Saw

What It's For

Chasing and routing out cracks in concrete before repair
Large floor areas — walk-behind speed for long runs and lots of cracks
Cleaning out and widening cracks so filler keys in and holds
Stand-up operation — no crawling along the floor

Item # 670090102 US Saws (SX90102)

Why Route a Crack First?

Filling a crack without chasing it usually fails — the repair material won't grab a tight, dirty crack and pops back out. Routing it open first gives you a clean channel the filler can key into, so the repair holds. The CC-100 does that across a whole floor quickly, instead of crack by crack on your knees.

Blades for the CC-100

The CC-100 runs 6″ crack chasing diamond blades in two thicknesses, so you can match the blade to the job:
6″ x .250″ Crack Chasing Blade - Item # 670625000 (US Saws CB06250PB-CC) — the thinner blade; cuts a narrower channel and removes less material
6″ x .375″ Premium "V" Blade - Item # 670063750 (US Saws VCB06375PB-CC) — the thicker premium blade; cuts a wide V-channel for crack repair
Keep a spare on hand to avoid downtime.

5" HAND-HELD CRACK CHASER - 13.5 AMP

Item # 670755010 (US Saws SX55010)

What It's For

- Chasing and routing out cracks in concrete before repair
- Cleaning out and widening cracks and joints so filler bonds
- Hand-held control for detail work and tight spots
- A 13.5-amp motor for strong, consistent cutting
- Uses 5″ crack-chasing blades

Blades for the Hand-Held Crack Chaser

The 5″ hand-held crack chaser runs 4″ and 5″ crack chasing blades — keep a spare on hand to avoid downtime:
4″ x .250″ crack chasing blade -Item # 670425078 (US Saws DCB04250PB)
5″ x .250″ crack chasing blade - Item # 6700005078 (US Saws DCB05250PS)

CC-100 Walk-Behind Crack Chasing Saw

What It's For

- Chasing and routing out cracks in concrete before repair
- Large floor areas — walk-behind speed for long runs and lots of cracks
- Cleaning out and widening cracks so filler keys in and holds
- Stand-up operation — no crawling along the floor

Blades for the CC-100

The CC-100 runs 6″ crack chasing diamond blades in two thicknesses, so you can match the blade to the job:
6″ x .250″ Crack Chasing Blade — the thinner blade; cuts a narrower channel and removes less material -Item # 670625000 (US Saws CB06250PB-CC)
6″ x .375″ Premium "V" Blade — the thicker premium blade; cuts a wide V-channel for crack repair - Item # 670063750 (US Saws VCB06375PB-CC)
Keep a spare on hand to avoid downtime.

Walk-Behind vs. Hand-Held

CC-100 Walk-Behind (this saw) — for chasing long cracks across larger floors, standing up; the productive choice when there's a lot to do
5″ Hand-Held Crack Chaser — for detail work, tight spots, and following cracks by hand
Many crews keep both — the CC-100 for the long runs, the hand-held for the spots it can't reach.

Hand Grinder Tooling - POLISHING RINGS

Why Ring-Type?

The ring design gives the pad flexibility, so it follows the surface and conforms to contours better than a stiff full-face pad — and the open ring helps clear water and slurry on wet polishing. A solid choice for uneven floors and wet work.

FL-07 4--3/4" RINGS

KEY DETAILS:

- 4¾″ ring-type diamond polishing pads
- For hand grinders
- Dry use only
- Concrete polishing
- Ring design — flexes to follow the surface for even edge polishing
- The FL-07 finish on a hand grinder — match your edges to your main floor polish

Item #'s
50 Grit - 207430003
100 Grit - 207430004
200 Grit - 207430005
400 Grit - 207430006
800 Grit - 207430007
1500 Grit - 207430008
LUX Grit - 207430009

7" TERRAZZIO/REDZ RINGS

KEY DETAILS:

- 7-inch resin-bond, ring-type diamond polishing pads
- Run wet or dry
- Mount on a standard 7″ backer/holder for a hand grinder
- Polishing concrete edges, corners, and tight areas a walk-behind can't reach
- Smooth, even polishing on floors that aren't perfectly flat
- Refining and bringing up the shine after grinding
- Concrete, terrazzo, and stone

Item #
35 Grit – 713000035
50 Grit – 713000050
100 Grit – 713000100
200 Grit – 713000200
400 Grit – 713000400
800 Grit – 713000800
1500 Grit – 713001500

7" CERAMIC RAZOR RINGS

- **KEY DETAILS:**
- 7-inch ceramic-bond (hybrid) ring-type polishing pads, Razor line
- Durable bond for longer life and efficient cutting
- Flexible ring design conforms to contours and clears slurry
- Available in a progression of grits
- Run wet or dry
- Mount on a standard 7″ backer/holder for a hand grinder

Item #
C1 – 630007001
C2 – 630007002
C3 – 630007003
C4 – 630070004

7" METAL BOND RINGS

- Available grits: 30, 60, and 150
- 7″ metal bond ring grinding pads Ring design — diamond around the perimeter for efficient removal
- 7″ size — covers more area per pass than smaller pads
- For concrete grinding and surface preparation

Item #'s:
30 Grit – 711007030
60 Grit – 711007060
150 Grit – 711007150

What They're For

Aggressive concrete grinding
Surface preparation before coating or polishing
Grinding down high spots and leveling
Removing coatings and surface material

Hand Grinder Tooling - FULL FACE POLISHING PADS

Why Full Face?

A full diamond face puts more diamond in contact with the floor, so it polishes more evenly and smoothly than a dot or segmented pad — especially good on harder surfaces and the finer finishing steps where you want a haze-free result.

7" TERRAZZO/REDZ PADS

KEY DETAILS:

- Works wet or dry
- For use with any variable speed 7" grinder 7-inch resin-bond, full-face diamond polishing pads
- Available in a progression of grits to build a polished finish
- Run wet or dry
- Mount on a standard 7″ backer/holder for a hand grinder

Item #'s

35 Grit – 763000035
50 Grit – 763000050
100 Grit – 763000100
200 Grit – 763000200
400 Grit – 763000400
800 Grit – 763000800
1500 Grit – 763001500

5" & 7" HONEYCOMB PADS

KEY DETAILS:

- Diamond honeycomb-pattern edge polishing pads Designed to reach walls, edges, and corners Available in a progression of grits
- Run wet or dry
- Mount on a backer/holder for a hand grinder

5″ Item #'s:

30 Grit – 5010020030
50 Grit – 5010020050
100 Grit – 5010020100
200 Grit – 5010020200
400 Grit – 5010020400
800 Grit – 5010020800
1500 Grit – 5010021500
3000 Grit – 5010023000

7″ Item #'s:

30 Grit – 7010010030
50 Grit – 7010020050
100 Grit – 7010030100
200 Grit – 7010040200
400 Grit – 7010050400
800 Grit – 7010060800
1500 Grit – 7010071500
3000 Grit – 7010083000

Why Honeycomb?

The honeycomb pattern gives even diamond contact and good slurry clearance, so the pad polishes smoothly without loading up — and the edge-focused design helps you blend edges seamlessly into the rest of the floor

5" CERAMIC RAZOR PADS

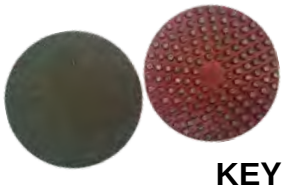
KEY DETAILS:

- 5-inch ceramic-bond (hybrid) diamond polishing pads, Razor line Durable bond for longer life and efficient cutting
- Available in a progression of grits Run wet or dry
- Mount on a standard 5″ backer/ holder for a hand grinder

Item #

C1 – 630005001
C2 – 630005002
C3 – 630005003
C4 – 630050004

5" METAL BOND PADS



KEY DETAILS:

- 5″ full face metal bond grinding pads
- Full-face design — working surface across the whole pad for efficient removal
- For concrete grinding and surface preparation
- Available grits: 30, 60, and 150

What They're For

- Removing coatings and surface material
- Aggressive concrete grinding
- Surface preparation before coating or polishing
- Grinding down high spots and leveling

Item #'s

30 Grit – 511000030
60 Grit – 511000060
150 Grit – 511000150

Hand Grinder Tooling

7" CASH PADS

Item#'s:
330070001 – Cash Pad 1
330070002 – Cash Pad 2
330070003 – Cash Pad 3

KEY DETAILS:

- Polishing concreteedges, corners, and tight areas
- Refining and bringing up the shine after grinding
- Matching your hand-grinder edge work to your main floor finish
- Terrazzo and stone polishing as well as concrete
- 7-inch resin-bond diamond polishing pads
- Available in a progression of grits to build a polished finish
- Run wet or dry
- Mount on a standard 7″ backer/holder for a hand grinder

BACKER PADS
ALUMINUM, RIGID OR RUBBER

KEY DETAILS:

- Available in 3", 5″ and 7″ — to match your polishing pads
- Rubber (Flexible), Bakelite (Rigid), and Aluminum (Solid)
- Hook-and-loop (Velcro) face — grips standard resin polishing pads Threaded arbor — fits standard variable-speed
- hand grinders (5/8″-11)

TYPE	SIZE & PART NUMBER
ALUMINUM	3" - 803000001 7" - 807000001
RIGID	3" - 803000002 5" - 807000005 7" - 807000002
RING	7" - 713009007
RUBBER	3" - 803000003 5" - 805000003 7" - 807000003
STEEL	7" - 670700007 Designed for the TC-7 Stand-Up Edger — works with any 7″ polisher 7/8″ arbor

Hand Grinder Tooling

Corner Tools Fits These Oscillating Hand Grinders:
Universal fit to suit DeWalt®, Dremel®, Fein®, Hart®, Makita®, Milwaukee®, Porter-Cable®, Ridgid®, Rockwell®, and more.

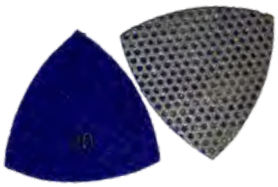
A note on Starlock tools: these grinding plates are not directly compatible with Starlock tools. Aftermarket adaptors are available that allow them to be used with Starlock tools — however, we do not offer that aftermarket adaptor.

METAL DOT CORNER TOOL

- *Metal bond triangle grinding rasp for oscillating multi-tools*
- *For concrete corners, edges, and detail areas*
- *Direct connection to the power tool — no velcro to overheat or fall apart*
- *Available in 30, 60, and 120 grit*
- *Universal fit — works with most oscillating multi-tools*

Item #'s:
30 Grit – 910001030
60 Grit – 910001060
120 Grit – 910001120

VELCRO-BACK CORNER PADS



- *Velcro-back corner pads for oscillating multi-tools*
- *For polishing concrete corners, edges, and detail areas*
- *Full grit range: 50, 100, 200, 400, and 800*
- *Velcro backing — mounts on the Corner Adapter for fast pad changes*
- *Take corners through the same polishing progression as the main floor*

Item #'s:
916300050 – 50 Grit
916300100 – 100 Grit
916300200 – 200 Grit
916300400 – 400 Grit
916300800 – 800 Grit

3 ARROW CORNER TOOL

- *For concrete corners, edges, and detail areas*
- *Triangular diamond corner tool for oscillating multi-tools*
- *Three arrow-pattern segments — aggressive corner grinding*
- *Direct mount to your oscillating tool*
- *16 & 30 Grit – Medium Bond*

Item #'s:
30 Grit – 913010016
60 Grit – 913010030

CORNER ADAPTER

- *For concrete corners, edges, and detail work*
- *Velcro adapter for oscillating multi-tools*
- *Holds velcro-backed corner grinding and polishing pads*
- *Available with or without a rubber interlayer:*
- *With rubber interlayer — adds flexibility to follow contours and cushion the pad*
- *Without rubber interlayer — a firmer, more rigid backing for flat, even contact*

With or Without Rubber Interlayer

- *Choose the backing that fits your job:*
- *With rubber interlayer — the rubber flexes to follow uneven surfaces and cushions the pad, good for contoured or irregular areas (pictured to the right)*
- *Without rubber interlayer — a firmer, rigid backing that keeps the pad flat for even contact on level surfaces*
- *Not sure which you need? Call us and we'll help you choose.*

919000001 – No Rubber Inner Layer
919000002 – With Rubber Inner Layer

Metal DOT Cup Wheels

METAL DOT "SWIRL" CUP WHEEL

Features

- Diamond cup wheel with a dot segment pattern for fast, even stock removal
- Runs wet or dry Threaded arbor that fits any variable-speed hand grinder (standard 5/8″-11 — confirm your grinder)
- 30 or 60 Grit Diamond segments last far longer than abrasive wheels and create less dust
- Pairs well with a dust shroud and vacuum for cleaner, OSHA-friendly grinding

What It's For

- Grinding down high spots and leveling uneven concrete
- Removing coatings, mastic, thinset, paint, and epoxy
- Surface prep before coatings, overlays, or polishing
- Edge and detail grinding where a walk-behind grinder can't reach

4″ Cup Wheels **Only available in 30 Grit**
30 Grit – 957104030

5″ Cup Wheels
30 Grit – 957105030
60 Grit – 957105060

7″ Cup Wheels
30 Grit – 957107030
60 Grit – 957107060

METAL DOT "DOUBLE ROW" CUP WHEEL

5″ 14 Row
957514030

7″ 12 Row
957712030

7″ 24 Row
957724030

Features

- Metal dot diamond cup wheel — brazed diamond dots for aggressive removal
- Available in 5″ and 7″ diameters
- 5/8″-11 thread — fits standard hand grinders
- 30 grit
- 7″ available in 12 or 24 row patterns
- For surface preparation — coatings removal, high spots, concrete grinding

Choose the configuration

- 5″ — for tighter, more controlled work and smaller areas
  7″, 12 Row — more open dot pattern; aggressive, fast cutting
- 7″, 24 Row — denser dot pattern; more diamond contact for smoother, more efficient removal on larger areas

What It's For

- Aggressive surface preparation on concrete
- Removing coatings, mastic, and high spots
- Grinding and leveling concrete surfaces

METAL DOT "MULTI ROW" CUP WHEEL

Grinds a Wide Range of Materials
Concrete and masonry
Granite, quartz, marble, and engineered stone And other hard materials

What It Removes

- Fiberglass mesh backing from stone slabs
- Coatings and adhesives
- Thinset and mortar residue
- Uneven surfaces and high spots

Item #s:
4" Cup Wheel - 957004005
5" Cup Wheel - 957005005

Key Features

- Metal Dot Multi-Row pattern — multiple rows of metal-bond diamond dots
- Fast cutting, long life, excellent control
- Available in 4″ (5 row) and 5″ (6 row)
- 30 grit
- 5/8″-11 thread — fits standard grinders
- Versatile — concrete, stone, coatings, thinset, mesh removal

Concrete & Stone Cup Wheels

7" 12 SEG TURBO CUP WHEEL 30/40 GRIT

Item # 670007012

What It's For

- Floor coating prep work
- Removing light coatings before recoating
- Grinding down patches, joints, and high spots
- Leaving a coating-ready profile on the concrete

Specifications

- Diameter: 7″
- Arbor: ⅞″–⅝″
- Segments: 12 angled turbo segments
- Grit: 30/40

7" 24 SEG PREMIUM TURBO CUP WHEEL

Item # 670787024

Specifications

- Diameter: 7″
- Arbor: ⅞″–⅝″
- Segments: 24 turbo segments Grade: Premium — top-grade industrial diamond
- Use: fast, aggressive grinding, leveling, and coating removal on concrete

What It's For

Fast,aggressive concrete grinding and leveling
Coating removal and surface prep
General grinding across concrete surfaces and floors
Demanding jobs where cutting speed and tool life matter

7" 12 SEG LONG THREADED TURBO CUP WHEEL

Item # 670107012

Specifications

- Diameter: 7″
- Arbor: ⅝″-11 (threaded)
- Segments: 12 turbo segments
- Bond: softer bond — for hard surfaces
- Use: hard troweled floors, cure & seal / curing compound removal, surface prep

What It's For

This 7″ 12-segment turbo diamond cup wheel is built with a softer bond — which makes it work especially well on hard troweled floors and for removing cure & seal or curing compounds before you coat. It runs on 7″ grinders and the TC-7 edger, and its longer threads are designed to fit U.S. Saws shrouds without spacers or adapters.

7" 24 SEG TURBO CUP WHEEL

Item # 670007024

Specifications

- Diameter: 7″
- Arbor: ⅞″–⅝″
- Segments: 24 turbo segments
- Use: aggressive grinding, surface prep, and coating removal on concrete

What It's For

- Aggressive concrete grinding and leveling
- Surface prep and coating/contaminant removal
- Covering more area per pass with the 7″ diameter
- Fast material removal from the 24 turbo segments

7" 18 SEG BI-TURBO CUP WHEEL 120/140 GRIT

Item # 670799120

Key Features

- Commonly used on the TC-7 Stand-Up Edge Grinder — works with any hand grinder
- 5″ x 7/8″ or 7″ x 7/8″ premium spiral bi-turbo cup wheel
- 18 segments, 120/140 grit — fine metal-grinding step
- Long spiral segments — keep the tool flatter on the ground and reduce gouging
- The last metal step before resin polishing — bridges grinding to polishing

What It's For

- Fine metal grinding before resin polishing
- Edge work and countertops — where the flat, low-gouge finish matters
- Concrete polishing — the metal-to-resin transition step
- The final "metal" step on the TC-7 or any hand grinder

Concrete & Stone Cup Wheels

DOUBLE ROW CUP WHEEL

Features

- 5″ — available in 30 grit
- 7″ — available in 16 and 30 grit
- Double row diamond cup wheel — aggressive, fast material removal
- Available in 5″ and 7″ diameters
- 5/8″-11 thread — fits standard hand grinders
- For surface preparation — coatings removal, high spots, concrete prep

Item #'s:

5″ 30 Grit – 780005030
7″ 16 Grit – 780007016
7″ 30 Grit – 780007030

- **What It's For**

- Aggressive surface preparation on concrete
- Removing coatings, mastic, and high spots
- Grinding and leveling concrete surfaces
- General hand-grinder prep work

PCD CUP WHEEL

Features

- Polycrystalline diamond (PCD) segments that shear coatings instead of clogging
- Available in 5″ and 7″ 7/8″ open-hole arbor — fits standard variable-speed hand grinders (confirm your grinder/adapter)
- Aggressive removal on sticky, gummy materials that defeat normal diamond tooling
- Best used dry with a dust shroud and vacuum — coating removal makes a lot of dust

Item#'s:

5″ – 957005000
7″ – 957007000

- **What It's For**

- Removing epoxy, urethane, and other hard coatings
- Stripping carpet glue, mastic, and adhesive residue
- Taking off paint, thin-set, and elastomeric/rubbery coatings
- Aggressive coating removal where a standard diamond wheel clogs or loads up

ARROW CUP WHEEL

Item #'s:

5″ 6 Segment – 780560030
7″ 10 Segment – 780710030

Features

- Arrow-pattern segments — aggressive cutting and efficient debris clearing
- Available in two sizes:
- 5″ — 6 segments, 30 grit
- 7″ — 10 segments, 30 grit
- 30 grit — aggressive grinding and material removal
- 5/8″-11 thread — fits standard grinders

What It's For

- Aggressive concrete grinding
- Coating, paint, and mastic removal
- Surface preparation and profiling
- Grinding down high spots and leveling

Choosing Your Size

- 5″ (6 segment) — for tighter areas, detail work, and smaller machines
- 7″ (10 segment) — covers more area per pass on larger jobs

5" TURBO CONCRETE CUP WHEEL

- **What It's For**

- Aggressive surface preparation on concrete
- Removing coatings, mastic, and high spots
- Grinding and leveling concrete surfaces

Item# 780016058

- **Features**

- For surface preparation — coatings, high spots, concrete grinding
- 5″ turbo cup wheel — swept, spiral segment design
- 5/8″ open hole mount
- 16 grit — aggressive material removal
- Efficient debris clearing — the swept segment pattern helps move material as it grinds

Concrete & Stone Cup Wheels

CERAMIC EDGE CUP WHEEL

Features

- Ceramic bond — aggressive grinding with a superb finish
- Blends well with the floor — a consistent, matched appearance
- Eliminates gouging — clean, controlled cutting
- A beautiful edge in fewer steps — less rework
- Available in 5″ and 7″
- Available in grits: #30, #50, #100, #200, and #400

What It's For

- Aggressive grinding without gouging
- Edge and perimeter grinding with a clean finish
- Detail work where appearance matters
- Blending edges into the surrounding floo

Item #s:

5″ Cup Wheels

30 Grit – 957005030
50 Grit – 957005050
100 Grit – 957005100
200 Grit – 957005200
400 Grit – 957005400

7″ Cup Wheels

30 Grit – 957007030
50 Grit – 957007050
100 Grit – 957007100
200 Grit – 957007200
400 Grit – 957007400

4" FLEX METAL BOND CUP WHEEL

Features

- 4″ metal bond cup wheel on a rubber backer
- Reduced vibration — smoother grinding, less fatigue
- Flexible backing — follows the surface for even contact
- 5/8″-11 thread — fits standard grinders
- Available grits: 30 and 50

What It's For

- Grinding where control and comfort matter
- Aggressive concrete grinding with reduced vibration
- Surface preparation and coating removal

Item #'s:

30 Grit – 954007030
50 Grit – 954007050
80 Grit – 957007080

VACUUM BRAZED WOOD FLOOR CUP WHEEL

What It Does

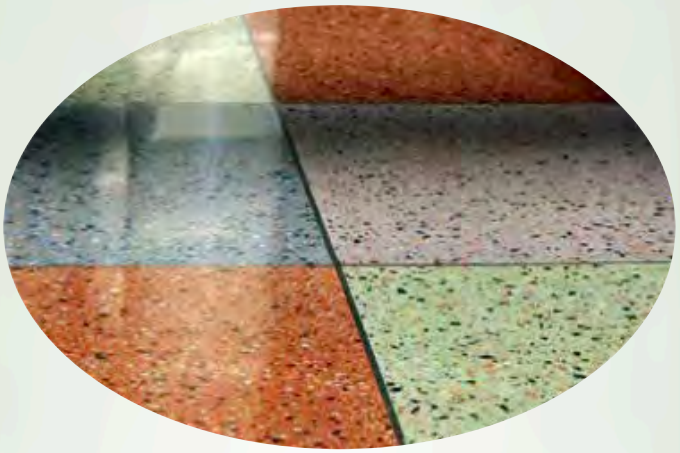
- Available in 5″ and 7″, in 16 grit
- Sand and strip wood floors with your hand grinder — edges, corners, and small areas
- De-gloss polyaspartic coatings on concrete — scuff the surface for recoating
- Hand-grinder size for the spots a big floor tool can't reach
- Vacuum-brazed diamond construction for aggressive, durable cutting

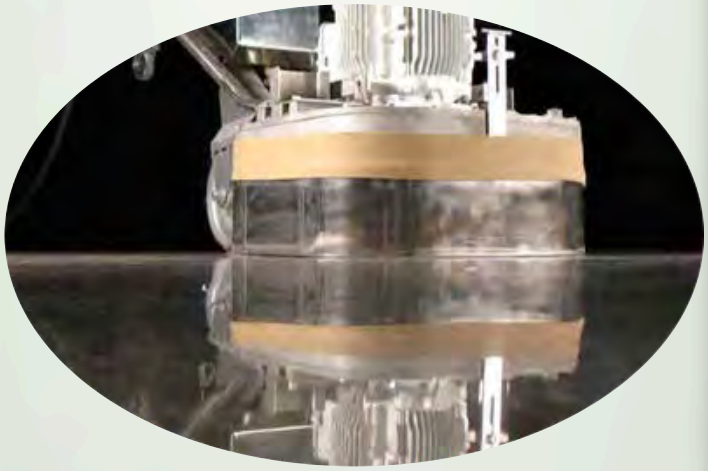
For Hand Grinders — Edges and Small Areas

Run a hand grinder? This cup wheel does wood floor sanding/stripping and polyaspartic de-glossing right up to walls, in corners, and in tight spaces — perfect alongside the larger floor tool for the areas your big machine can't reach. Use the larger wood floor tool on your floor grinder for the open areas, and this cup wheel on your hand grinder for the edges and detail.

Item#'s:
5-inch – 517005016
7-inch – 517007016

Diamond Systems

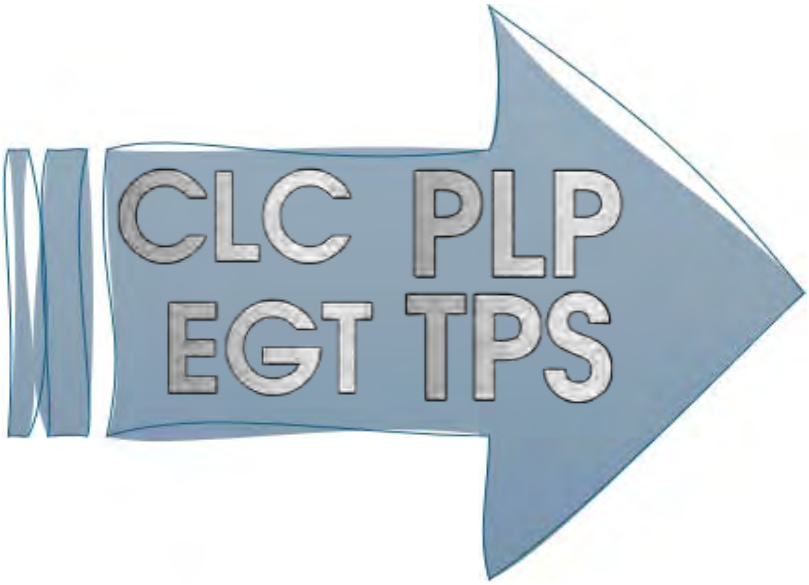




Diamond Systems

A diamond system takes theguesswork out of grinding and polishing. Instead of piecing together tooling step by step,a system gives youamatched set of diamond segments and pads designed towork together — taking your floor from the first rough grind all the way to a polished finish, in the right order, with consistent results. Not sure which system fits your machine and your goal? Call and we'll build the right setup for you.

CHOOSE YOUR METHOD



STI's Diamond Systems at a Glance

- **CLC System (red)** — for concrete, on Prep/Master® machines. 7 steps, dry-wet-dry process.
- **PLP System (yellow)** — for concrete, on Prep/Master® machines. 9 steps, all dry
- **EGT System (green)** — for concrete, on Prep/Master® machines. 8 steps, all dry — simpler setup, no slurry.
- **TPS System (orange)** — for epoxy terrazzo, on Prep/Master® machines. Dry grinding, a grout step, then wet polishing.

Diamond Systems

CLC Diamond System – Concrete Polishing – Wet-Dry Process

TheCLCSystemrunsasadefined7-stepsequence— not a “pickwetor dry” process.Eachnumberedtoolisused in order, with specific steps run dry and others wet:

Steps #5–#7 (dry) — resin-bond tools that bring up the final gloss, with a second densifier step
Step #1 (dry) — metal-bond tool to open and grind the surface
Steps #2–#4 (wet) — metal- and resin-bond tools to refine, with a densifier applied along the way
Following the numbered sequence is what delivers a consistent, repeatable polished finish.

- #1 & #2 — metal-bond grinding tools with the patented EG attachment, ~30,000 SF tool life each
- #3 & #4 — 3″ resin-bond tools, red Velcro backing, ~15,000 SF life each
- #5, #6 & #7 — 3″ resin-bond polishing tools, red Velcro, ~10,000–12,000 SF life each

TPS Diamond System – Terrazzo Polishing – Wet Process

The TPS System runs in a defined sequence — dry, then grout, then wet:

Steps #1–#3 (dry) — metal-bond tools grind the terrazzo and expose the aggregate (#1 is the aggressive “first cut”
Step #3.5 — Grout Pan — fill pinholes with epoxy and marble flour, then let cure (8+ hours)
Steps #4–#7 (wet) — resin-bond tools refine and polish to a high-gloss finish
Running the tools in order is what delivers a consistent, even terrazzo polish.

- #1, #2 & #3 — metal-bond grinding tools (EG attachment), dry; long life (#2 & #3 ~30,000 SF each)
- #3.5 Grout Pan — patent-pending stainless steel grout pan (run with epoxy + marble flour)
- #4–#7 — resin-bond polishing tools, orange Velcro, wet; ~15,000 SF life each

EGT Diamond System – Concrete Polishing – Dry Process

TheEGTSystem runs as a defined8-step, all-drysequence, withthe machine ondustcollectionthroughout:

Steps #1–#3 — metal-bond tools (patented EG attachment) to grind and open the surface
Steps #4–#8 — resin-bond tools that refine and polish to a high gloss, with a densifier applied along the way
Running the tools in their numbered order is what delivers a consistent, repeatable finish — and because it’s fully dry, there’s no slurry to deal with.

- #1, #2 & #3 — metal-bond grinding tools (patented EG attachment); long life (#1 ~30,000 SF, #2 & #3 ~35,000 SF — even more on the 4430)
- #4 — 3″ resin-bond tool, green Velcro, ~20,000 SF life
- #5–#8 — 3″ resin-bond polishing tools, green Velcro, ~10,000–12,000 SF life each

(Tools #4–#8 mount with Velcro pad adapters.)

PLP Diamond System – Planetary Polishing – Dry Process

HowthePLP SystemWorks
A defined 9-step, all-dry sequence, with the machine on dust collection throughout:

Steps #1–#3 — metal-bond tools (patented EG attachment) to grind and open the surface
Step #4 — first resin-bond step, followed by a densifier application
Steps #5–#9 — resin-bond tools that refine and polish to a high gloss
Running the tools in numbered order delivers a consistent, repeatable finish — fully dry, no slurry to manage.

- #1 & #2 — metal-bond grinding tools (EG attachment), ~20,000 SF life each
- #3 — metal-bond tool, ~30,000 SF life
- #4–#9 — resin-bond polishing tools, yellow Velcro, ~15,000 SF life each

Concrete & Surface Prep Tooling

#0 PCD PREP TOOL

What It Removes

- Carpet glue, mastic, and adhesives
- Thin-set and mortar residue
- Epoxy coatings up to ~4mm thick
- Surface inequalities/high spots of about ±4mm
- Dry Use Only

Item #
540242000 – Soft
540243000 – Medium
571522325 – Hard

#00 PCD PREP TOOL

What It Removes

- Carpet glue, mastic, and adhesives
- Thin-set and mortar residue
- Epoxy coatings up to ~4mm thick
- Surface inequalities/high spots of about ±4mm
- Directional tool — a set is 50% right-hand (#00R) and 50% left-hand (#00L), placed by holder rotation
- Dry Use Only

Item #
571603412 – Left
571603418 – Right

#000 PCD PREP TOOL

What It Removes

- Thick epoxy and urethane coatings
- Carpet glue, mastic, and heavy adhesive build-up
- Stubborn coatings that clog or wear out metal-bond tooling
- Stripping a heavily coated floor down to bare concrete

Item #
573330001 – Right / Silver
573330002 – Left / Gold

#0 vs. #00 vs. #000 — Which Prep Tool?

#0 (3SEG Oval) — metal-bond; leaves a clean 80-grit profile
#00 — PCD/metal-bond combination, directional; rougher ~1mm-groove profile
#000 PCD — aggressive PCD tooling for the thickest coatings, glue, and mastic

2 SEG PREP TOOL

- Removes epoxy, urethane, and other coatings
- Carpet glue, mastic, and adhesives
- Thin-set and mortar residue
- Built-up contaminants and surface buildup

Item#
570225300 – Orange 25 Grit Medium Bond
570218200 – White 18 Grit Medium Bond
570225301 – Black 25 Grit Hard Bond
570220000 – Grey 20 Grit Hard Bond

10 SEG DIAMOND PREP TOOL

- Grindingand levelingconcretefloors
- Surface prep and profiling before coatings or polishing
- The metal-bond grinding steps of a surface-prep or polishing process
- Removing minor high spots and opening the surface
- Use wet or dry
- EG attachment for Prep Master machines

Item #
571016000 – Black 16 Grit Medium Bond
571030000 – Green 30 Grit Medium Bond
571070000 – Dark Green 70 Grit Medium Bond
571012000 – Yellow 120 Grit Medium Bond

MULTI MOUNT PREP TOOL 5 OR 10 SEG

- 3-inch diameter,5-segmentmulti-mount tool
- 5 Seg Ideal for the Prep/Master® Jr and similar-size lighter machines
- General surface prep, thin-mil coating or paint removal, and first steps for polishing
- Grits available: 16, 30, 70, and 120
- Metal bond available: Medium and Hard
- Threaded 8mm holes

5" Item #'s:

Medium Bond	Hard Bond
16 Grit – 511304016	16 Grit – 511305016
30 Grit – 511304030	30 Grit – 511305030
70 Grit – 511304070	70 Grit – 511305070
120 Grit – 511304120	120 Grit – 511305120

10" Item #'s:

Medium Bond	Hard Bond
16 Grit – 511306016	16 Grit – 511307016
30 Grit – 511306030	30 Grit – 511307030
70 Grit – 511306070	70 Grit – 511307070
120 Grit – 511306120	120 Grit – 511307120

Concrete & Surface Prep Tooling

FL07 DIAMOND PADS

Item #'s
50 Grit #3C: 207000003 100 Grit #4C: 207000004 200 Grit #5: 207000005 400 Grit #6: 207000006 800 Grit #7: 207000007 1500 Grit #8: 207000008 LUX Grit #9: 20700000

- Patented and exclusive to STI — the genuine FL-07 comes only from Substrate Technology, the patent holder and manufacturer
- Semi-metal resin bond with a built-in dense foam riser — the design behind the finish
- Scratch-free and swirl-free — produces a clean, high-gloss, reflective surface Exceptional 10,000 SF (1,000 M²) life — a long-lasting, cost-effective pad
- Dry use — no water needed
- Fits virtually any machine — Prep/Master®, planetary, Terrco®, EDCO®, swing machines, and Werkmaster®

DUAL SEG TOO FOR REMOVAL

Item#
571930201

- Grindingand levelingconcretewith the Prep/Master Junior
- Surface prep and profiling before coatings or polishing
- The metal-bond grinding steps on the P/M Jr
- Fast cutting metal bond tool used to remove epoxy, adhesive, & thin-set
- Available only in 30 Grit Soft Bond
- Great price
- Not recommended when polishing is provided
- EG "Quick Change" attachment
- To prep HARD troweled Floors
- Removes Cure & Seal

8 SEG QUICK CHANGE DAISY

ITEM #'s:
30 Grit - 570430000
70 Grit - 570470000

- Grinding and leveling concrete floors Surface prep and profiling before coatings or polishing
- The metal-bond grinding steps of a surface- prep process
- Even, consistent grinding across the surface 8-segment daisy-pattern metal-bond diamond tooling
- Patented EG attachment for Prep/Master® machines
- Available in 30 & 70 grits
- Run with dust collection for a cleaner job 3″/76mm Metal Bond diamond
- Great for polishing preparation on concrete, granite, and terrazzo
- Sintered diamond technology for smooth cut

3" METAL BOND GRINDING PADS

Item #
30 Grit – 811003030
60 Grit – 811003060
150 Grit –811003150

- 3″ metal bond grinding pads Compact size — for detail, edge, and tight-area work
- For concrete grinding and surface preparation
- Available grits: 30, 60, and
- 150
- Detail and edge grinding in tight areas
- Aggressive concrete grinding on smaller machines
- Surface preparation before coating or polishing
- Grinding down high spots and removing coatings

CARBIDE BLOCK TOOL WITH QUICK CHANGE ASSEMBLY

Item #
573202001 – Right Side
573202002 – Left Side
CRBDSQ – Carbide Squares

- Carpet glue andadhesives
- Mastic and tile adhesive
- Soft, gummy coatings that gum up diamond tooling
- Built-up residue and contaminants
- Carbide-tipped cutters for aggressive adhesive removal
- Patented EG attachment for Prep/Master® machines
- Ideal for carpet glue, mastic, and soft coatings
- Saves your diamond tooling from gumming up

VACCUUM BRAZED WOOD FLOOR TOOL

Item#
50 Grit – 514300050
100 Grit – 514300100

- Sand and strip wood floors — turn your concrete grinder into a wood floor sander
- De-gloss polyaspartic coatings on concrete — scuff the surface for recoating or repair
- Use the machine you already own for more types of work
- Vacuum-brazed diamond construction for aggressive, durable cutting
- Available in 50 or 100 grit

CASH PADS & Granilux Dots

c²ash
Diamond Polishing System
Casinos/Convention Centers/Airports/Schools/Hotels

The CASH Diamond Polishing pads are excellent for Casinos, Convention Centers, Airports, Schools, Hotels, and anywhere else that quick and effective polishing of concrete, terrazzo, marble, and granite is required.

- Excellent for Concrete, Terrazzo, Marble, and Granite surfaces!
- Be green — use with water. No chemical is required to achieve shine, but STI recommends PG2 for abrasion resistance, slip resistance, and color enhancement
- Available in 17", 20", & 21" sizes to fit most electric buffers

CASH PADS

17-inch / 432mm

#1	330170001
#2	330170002
#3	330170003

20-inch / 508mm

#1	330200001
#2	330200002
#3	330200003

21-inch / 533mm

#1	330210001
#2	330210002
#3	330210003

GRANILUX DOTS

17-inch / 432mm

50 grit	315070050
100 grit	315070100
200 grit	315070200
400 grit	315070400
800 grit	315070800
1500 grit	315071500
3000 grit	315073000

17-inch / 508mm

50 grit	315170050
100 grit	315170100
200 grit	315170200
400 grit	315170400
800 grit	315170800
1500 grit	315171500
3000 grit	315173000

21-inch / 533mm

50 grit	315210050
100 grit	315210100
200 grit	315210200
400 grit	315210400
800 grit	315210800
1500 grit	315211500
3000 grit	315213000

What They're For

- Restoring worn, dull, or older concrete floors
- Polishing concrete to a smooth, high-gloss finish
- Maintaining and refreshing polished-concrete floors
- Eco-friendly polishing — shine with water, no chemicals needed
- Auto-scrubbers
- Burnishers
- Swing machines
- Wet use only — always use water with Granilux Dot Pads
- Assorted grits available to build your finish
- Long life — approximately 15,000 SF per pad

C =concrete T =terrazzo M =marble

SPIN-1 PADS

SPIN-1
Diamond Polishing System

The SPIN-1 Pad System polishes concrete faster and better than any other diamond buffing pad on the market and does the work in a fraction of the time when compared to large polishing machines.

- Great for maintaining Polished Concrete!
- Pad life is in excess of 20,000 SF
- Available in 21" & 27" sizes to fit most propane burnishers

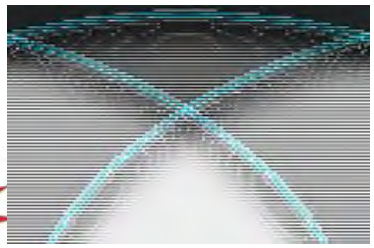
21" Pads

Orange	605330400
Silver	605330800
Blue	605331500
Red	605333000
Black	605339999

27" Pads

Orange	606850400
Silver	606850800
Blue	606851500
Red	606853300
Black	606859999

NEW SPIN-V2 PADS



NEW PRODUCT

- Diamond-impregnated natural hair pads
- Heavy duty diamond formulation
- For maintenance of polished concrete
- Contact us for custom sizes!!!

- Long life gives the lowest cost per SF, of any DIP pads available anywhere.
- Average cost per SF over the grit range is less than $0.01 for our 27" HD DIPs when run on a propane powered burnisher to "densify and burnish" new concrete floors or as part of the polishing process on concrete floors.
- Coarser grits may be slightly higher cost and finer grits will generally be considerably lower.
- Our HD DIPs are NOT recommended for use on Marble or Terrazzo floors due to the potential of leaving an "orange peel" surface finish as a result of how aggressively they cut, including our 3000 grit.
- Our Maintenance DIPs should be used on Marble and Terrazzo both when polishing the floor and to maintain the floors gloss and clarity over time.

17" Pads

200 Grit	900170200
400 Grit	900170400
800 Grit	900170800
1500 Grit	900171500
3000 Grit	900173000

21" Pads

200 Grit	900210200
400 Grit	900210400
800 Grit	900210800
1500 Grit	900210100
3000 Grit	900210300

27" Pads

200 Grit	900270200
400 Grit	900270400
800 Grit	900270800
1500 Grit	900270100
3000 Grit	900270300

QUICK CHANGE BUSH HAMMERS

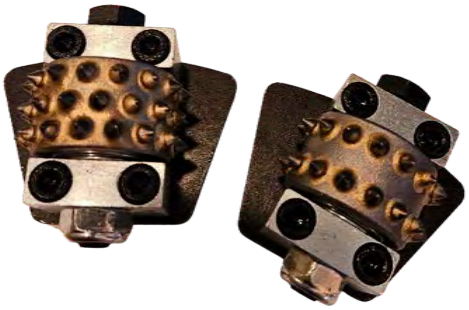
The STI Quick Change Bush Hammers are aggressiveprofilingtools andare great for the full line of P/M Machines to provide a CSP 4 to 5 (concrete surface profile) or to mimic a "flamed" profile. These tools are NOT intended, however, to remove any flexible coatings or most epoxies.

Bush Hammers are long lasting (15,000 SF / 1,500 m2) when used to profile a surface to provide a good bonding surface or anti-slip properties.

STI Bush Hammer (bolt-on) — fits the full line of Prep/Master® machines; comes with four bolts to attach to any tool plate.
Planetary / QuickChange Bush Hammer — same tooling, built for Lavina-style QC adapters; slides in and out with no bolting, and fits all Lavina grinders and others using a QC adapter plate.

Aggressive profiling tool
Provides CSP 4 to CSP 5 profile
Creates slip-resistant finish on concrete, granite, and marble
Breaks down the surface that standard diamonds can't touch
Quick Change tooling to fit your Prep Master Grinders or Lavina Grinders

STI QC BUSH HAMMERS



LAVINA BUSH HAMMERS

•Long-lasting — approximately 15,000 SF

•Not for coating removal — it profiles and textures; not for removing flexible coatings or most epoxies

•Run at low RPM — bush hammers are not recommended for high-rpm machines (like Lavina propane units); keep them at no more than 700 RPM

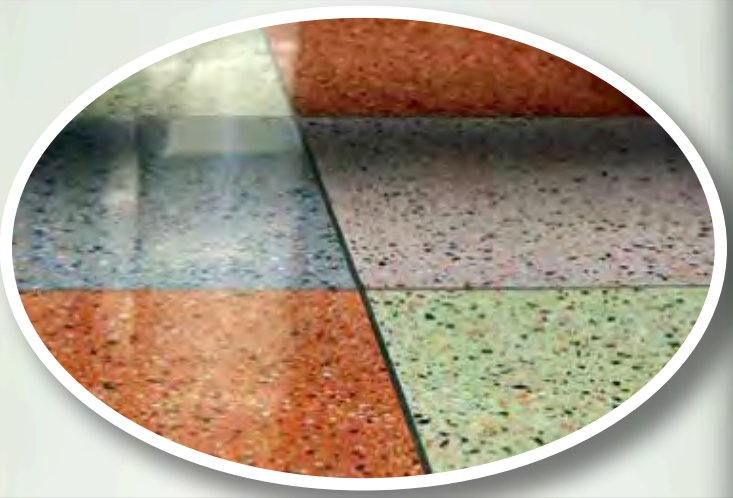
Item #'s:
249011012 - STI QC for use w/ PM Jr.
249011013 - STI QC for use w/ 28 & 30 PM
248118500 - Planetary QC for use w/ Lavina Style Grinder

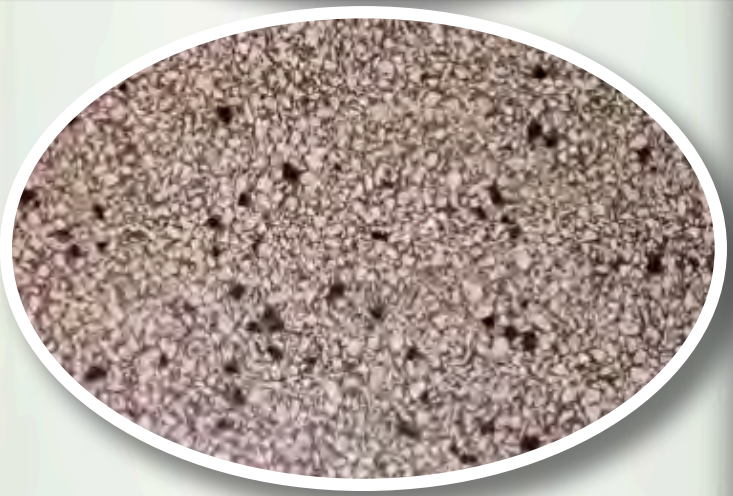
To complete your system, continue here.

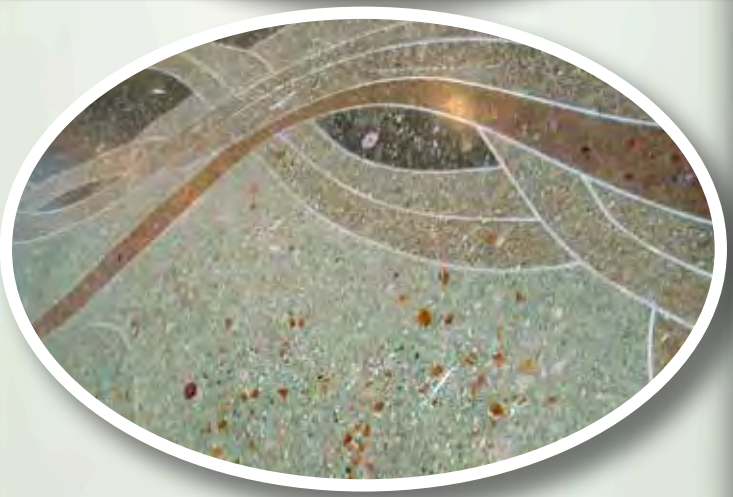
Terrazzo

Terrazzo Polishing

te•rra•zzo pol•ish•ing
(te-raz′ō päl’ish-ing),
n.the grinding and polishing of new epoxy terrazzo from first cut to final polish to produce the highest possible natural shine







FOR PREP TO POLISH

From grinding down a worn terrazzo floor to bringing it back to a mirror shine, terrazzo tooling is built for the job. We carry diamond segments and polishing pads for terrazzo — for grinding, honing, and polishing terrazzo floors through every step, whether you're restoring an old floor or finishing a new one.

Terrazzo Pads

TERRAZZO TOOLING

TERRAZZO PLUS PADS

Why Terrazzo+ Is a Better Value

It's not about the sticker price — it's about cost per square foot:
70% more diamond and abrasives than the old Terrazzo pad (37 grams more)
High-pressure molded — more diamond packed into the same 8mm thickness customers prefer
Longest-lasting, fastest-cutting resin STI makes — about 15,000 SF per pad
Lower cost per square foot — more coverage means you spend less over the life of the pad

Unique Features

- 8mm thickness — the thickness customers prefer
- Marking interlayer — the slurry changes color when the pad is consumed, so you know exactly when to swap it
- Self-opening profile — keeps cutting consistently
- Cloth tab — makes the pad easy to pull off the velcro holder

Item #'s:
35 Grit – 39220035
50 Grit – 392200050
100 Grit – 392200100
200 Grit – 392200200
400 Grit – 392200400

TERRAZZO PADS - ORIGINAL

Key Details

- 3″ (76mm) diameter, 8mm thick resin diamond pads
- Specialized matrix — aggressive cut with a fine scratch pattern
- Cloth tab for easy removal from the velcro holder (like the Terrazzo+)
- Wet use
- For epoxy- and portland-based terrazzo, stone, and new concrete

Where STI Terrazzo Pads Fit in the Process

Whether you're installing new terrazzo or restoring an old floor, STI Terrazzo Pads handle the key cutting and polishing steps:
New epoxy or portland terrazzo:
First cut with STI Terrazzo Pads to flatten and expose the aggregate
Work through the grits (35 → 400) to refine
Close and polish with finer pads or Terrazzo REDZ

Restoring worn terrazzo:

Start with STI Terrazzo Pads as the first restoration step to cut through wear and damage
Progress through the grits to bring back clarity and shine
Their versatility — first cut, closing, and restoration on one pad — is what makes them a shop favorite.

Item #'s:
35 Grit – 920000035
50 Grit – 920000050
100 Grit – 920000100
200 Grit – 920000200
400 Grit – 920000400

TERRAZZO TOOLING

TERRAZZO REDZ PADS

Item #'s:
200 Grit – 918000200
400 Grit – 918000400
800 Grit – 918000800
1500 Grit – 918001500

What They're For

- Wet polishing of epoxy- and portland-based terrazzo
- Polishing natural stone
- The closing and polishing (finishing) steps of a terrazzo job
- Bringing terrazzo to a smooth, reflective, high-gloss finish

Key Details

- 3″ (76mm) diameter, 8mm thick red resin polishing pads
- No center hole — eliminates debris and spent-diamond buildup for a cleaner polish
- Wet use — for wet terrazzo and stone polishing
- Run on all Prep/Master® grinders
- For the closing/polishing steps
- Available in four grits: 200, 400, 800, and 1500 grit

REDZ vs. the TPS System

Both polish terrazzo to a high gloss:
Terrazzo REDZ — red resin polishing pads for the closing/polishing steps, a proven option
TPS Diamond System — STI's newer, complete matched system that takes epoxy terrazzo from rough cut all the way through grout and polish

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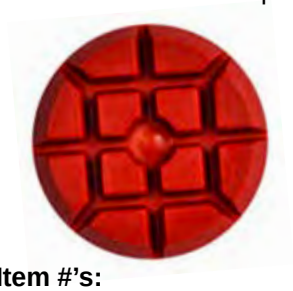
TERRAZZO 9 POLISHING PADS

Built for Medium to Heavy Machines

At 9mm thick, these pads are made to take the weight and pressure of medium to heavy machines — where thinner pads wear out fast. That thickness is what delivers the 3,000–4,000 sq ft lifespan, so you change pads less often and keep moving.



Item #'s:
50 Grit – 589690050
120 Grit – 589690120
220 Grit – 589690220
400 Grit – 589690400
600 Grit – 589690600
800 Grit – 589690800
1800 Grit – 589691800
3500 Grit – 589693500

Key Details

- 9mm thick diamonds — built for medium to heavy machines
- Long life — 3,000 to 4,000 sq ft average lifespan
- High gloss finish from the newly designed pattern
- Removes swirl marks for a clean, even finish
- Reaches corners and wall angles — polish the areas most pads can't
- Best on: marble, travertine, and terrazzo

Why the New Pattern Matters

Two things usually separate a good polish from a great one: swirl marks and the edges you can't reach. The redesigned pattern on these pads addresses both — it works out swirl for a uniform high-gloss surface, and its geometry lets you get into the tight angles at corners and along walls. Less touch-up work, more consistent finish across the whole floor.

TERRAZZO TOOLING

HIGH LUSTER MARBLE POLISHING PADS

Item #'s:

50 Grit — 91300050
100 Grit — 913000100
200 Grit — 913000200
400 Grit — 913000400
800 Grit — 913000800
1500 Grit — 913001500
3000 Grit — 913003000

Key Features

- Epoxy-bond matrix — long life when used wet
- High-luster finish — for the closing and polishing steps
- For marble and terrazzo polishing
- Use wet
- Works well on lightweight machines for polishing marble
- Full grit range: 50, 100, 200, 400, 800, 1500, and 3000
- 3-inch diameter, 8mm thickness

Where They Fit in the Process

Inland High Luster pads are your closing and polishing step:
On marble — use them to polish to a high luster
On terrazzo — use them after your initial terrazzo grinding pads to close and refine the surface to a high-luster finish
Run them wet — the epoxy-bond matrix is designed for wet polishing and delivers long life in the process.

DRY WHITE RESIN POLISHING PADS

Why No Resin Transfer Matters

Traditional colored resin pads can leave streaks and marks of resin on the floor as they polish — especially on lighter or decorative surfaces — which means extra work to remove them and a risk to your finish. These white resin pads are designed to leave no resin behind, so you get a clean polish without the resin marks. On decorative, light-colored, and high-appearance floors, that's a real advantage.

Item #'s:

400 Grit – 908000400
800 Grit – 908000800
1500 Grit – 908001500

Key Features

- Velcro backing — fast, easy pad changes
- 3" white resin polishing pads with velcro back
- No resin transfer — leaves no resin on the floor
- For dry polishing concrete, terrazzo, and stone
- Available grits: 400, 800, and 1500

Grit Progression

The 400 / 800 / 1500 range covers the finishing steps of a dry polish:
400 — refining the surface
800 — building the polish
1500 — final high-gloss finish

TERRAZZO TOOLING

3" TURBO CUP WHEELS

Bolt-on Item #'s:
35240160 – 16 Grit
35240240 – 24 Grit
35240400 – 40 Grit
35240800 – 80 Grit
Quick Change Item #'s:
57240160 – 16 Grit
57240240 – 24 Grit
57240400 – 40 Grit
57240800 – 80 Grit

- First cuts on new epoxy or portland terrazzo (aggressive stock removal)
- Closing cuts on new or existing terrazzo
- Cutting and prepping terrazzo before polishing
- Epoxy- and portland-based terrazzo
- 3″ diameter brazed/metal-bond diamond wheel
- Aggressive metal-bond diamond for fast cutting
- Wet or dry use
- Available in Quick Change attachment or EZ Bolt-On (5/8″– 11 arbor)
- Grits: 16, 24, 40, and 80

BRAZED DIAMOND COVE WHEELS

3/4- inch Radius Item #
950342535 – 25/35 Grit
950348010 – 80/100 Grit

1- inch Radius Item #
950012535 – 25/35 Grit
950018010 – 80/100 Grit

- Metal-bond (brazed) diamond for aggressive cutting
- First cuts and closing cuts on new or existing terrazzo
- 3″ diameter
- Available in Quick Change or EZ Bolt- On (5/8″–11 arbor)
- Grits: 16, 24, 40, and 80
- Radiused edge polishes the cove on epoxy and portland terrazzo Available in ¾″ and 1″ radius Aggressive and fine grit options — 25/30 and 80/100
- Water openings in the face for even water distribution to the work surface
- Cutting and polishing the terrazzo cove base (floor-to-wall transition) Epoxy- and portland-based terrazzo New or existing terrazzo
- Wet or dry use

3" VELCRO BACKED TURBO CUP WHEELS

Item #'s:
957011024 – 24 Grit
957011040 – 40 Grit
957011080 – 80 Grit
957011120 – 120 Grit

- Mountson avelcrobacker orholder 3″ turbo cup wheel with velcro back Velcro backing — fast, tool-free changes
- Metal bond turbo pattern — aggressive grinding, efficient debris clearing
- Available grits: 24, 40, 80, and 120 First cuts on new epoxy or portland terrazzo (aggressive stock removal) Closing cuts on new or existing terrazzo
- Cutting and prepping terrazzo before polishing
- Epoxy- and portland-based terrazzo

GROUT PANS FOR TERRAZZO & CONCRETE

- Filling pinholes and voids in epoxy terrazzo during polishing
- Filling surface pinholes in concrete
- Creating a smoother, denser surface for a cleaner final finish
- The grout (#3.5) step between cutting and polishing in the TPS system
- Run with epoxy and marble flour (calcium carbonate powder)
- The #3.5 step of the TPS Diamond System
- •Run slow — 15Hz (electric) / 2100 RPM
- (propane) only, with pocket weights on the handle; never above 250 RPM tool speed (running faster shortens pan life and can burn the floor)
- Approximately 10,000 SF life

Item #'s
640900035 – Regular Bond
640900009 – Extra Hard Bond

NON OEM TOOLING

NON OEM COLOR CHART

Gray - Extra Soft bond
Plum/Purple - Soft bond
Green - medium bond
Blue - Hard bond
Red - Extra Hard Bond

Substrate Technology offers a wide variety of tooling for Planetary and other style grinders such as:
CPS®
Diamatic®
Edco®& OnFloor®
Husqvarna®
Sase®

Important Ordering Notes — Specify STI or SASE When Ordering

These tools use different pins depending on the machine, so when you order, let us know whether it's for an STI or a SASE machine and we'll make sure you get the correct pins. Just tell us your machine when you call.

For SASE® machines, each tool requires 3 SASE Screws — order 3 screws per tool (a set of 9 tools needs 27 screws)

Fits Lavina, Edco, OnFloor and Bartell

ROUND PREP TOOLS

What It's For

Grinding and prepping concrete on imported planetary grinders
Surface prep and profiling before coatings or polishing
The metal-bond grinding steps of a surface-prep process

ROUND PREP TOOLS	SOFT BOND	MEDIUM BOND	HARD BOND
	16 Grit – 903102016 30 Grit – 903102030 60 Grit – 903102060 120 Grit – 903102120	16 Grit – 903103016 30 Grit – 903103030 60 Grit – 903103060 120 Grit – 903103120	16 Grit – 903104016 30 Grit – 903104030 60 Grit – 903104060 120 Grit – 903104120
	16 Grit – 904002016 30 Grit – 904002030 60 Grit – 904002060 120 Grit – 904002120	16 Grit – 904103016 30 Grit – 904103030 60 Grit – 904103060 120 Grit – 904103120	16 Grit – 904104016 30 Grit – 904104030 60 Grit – 904104060 120 Grit – 904104120

BAR PREP TOOLS

What It's For

Grinding and prepping concrete on planetary grinders
Surface prep and profiling before coatings or polishing
The metal-bond grinding steps of a surface-prep process

BAR PREP TOOLS	SOFT BOND	MEDIUM BOND	HARD BOND
	16 Grit – 901000016 30 Grit – 901000030 60 Grit – 901000060 120 Grit – 901000120	16 Grit – 901001016 30 Grit – 901001030 60 Grit – 901001060 120 Grit – 901001120	16 Grit – 901002016 30 Grit – 901002030 60 Grit – 901002060 120 Grit – 901002120
	16 Grit – 902000016 30 Grit – 902000030 60 Grit – 902000060 120 Grit – 902000120	16 Grit – 902001016 30 Grit – 902001030 60 Grit – 902001060 120 Grit – 902001120	16 Grit – 902002016 30 Grit – 902002030 60 Grit – 902002060 120 Grit – 902002120

PLANETARY GRINDERS TOOLING

23 METAL DOT TRAP TOOL

Fits Lavina / Edco / OnFloor / Bartell

Key Features

- Inland 23 metal dot trapezoid — non-OEM tooling for Lavina® grinders
- Fits Lavina / Edco / OnFloor / Bartell
- Bonds available: Extra Soft, Soft, Medium, and Hard
- Grits available: 16 and 30
- For surface preparation and material removal

EXTRA SOFT BOND	SOFT BOND	MEDIUM BOND	HARD BOND
16 Grit – 915001016 30 Grit – 915001030	16 Grit – 915002016 30 Grit – 915002016	16 Grit – 915003016 30 Grit – 915003030	16 Grit – 915004016 30 Grit – 915004030

LAVINA CARBIDE BLOCK TOOL

Built for Lavina Grinders

What They Remove

Carpet glue and adhesives
Mastic and tile adhesive
Soft, gummy coatings that gum up diamond tooling
Built-up residue and contaminants
QUICK CHANGE ASSEMBLY

Item #
573202004 – Right Side Assembly
573202005 – Left Side Assembly
CRBDSQ – Carbide Squares

DIRECTIONAL PCD PREP TOOL

Fits Lavina, Edco, OnFloor and Bartell

Clockwise - Item# 909002111

Counter Clockwise - Item# 909002112

What It Removes

Stripping a coated floor down to bare concrete
Thick epoxy and other coatings
Carpet glue, mastic, and heavy adhesives
Stubborn coatings that clog or wear out standard diamond toolinG

GENUINE LAVINA QUICK CHANGE TOOLS

The Lavina Quick Change Single Segment is genuine Lavina® diamond grinding tooling — single-segment metal-bond tooling built for Lavina's Quick Change (QC) system. As OEM Lavina tooling, it's made to fit and perform exactly as your Lavina grinder was designed for, sliding in and out with no bolting.

	SOFT BOND	MEDIUM BOND	HARD BOND	X-HARD BOND
SINGLE BAR	14 Grit – 302000014 30 Grit – 302000030 50 Grit – 302000050 70 Grit – 302000070 120 Grit – 302000120	14 Grit – 302001014 30 Grit – 302001030 50 Grit – 302001050 70 Grit – 302001070 120 Grit – 302001120	14 Grit – 302002014 30 Grit – 302002030 50 Grit – 302002050 70 Grit – 302002070 120 Grit – 302002120	14 Grit – 302003014 30 Grit – 302003030 50 Grit – 302003050 70 Grit – 302003070 120 Grit – 302003120
DOUBLE BAR	14 Grit – 303000014 30 Grit – 303000030 50 Grit – 303000050 70 Grit – 303000070 120 Grit – 303000120	14 Grit – 303002014 30 Grit – 303002030 50 Grit – 303002050 70 Grit – 303002070 120 Grit – 303002120	14 Grit – 303003014 30 Grit – 303003030 50 Grit – 303003050 70 Grit – 303003070 120 Grit – 303003120	14 Grit – 303004014 30 Grit – 303004030 50 Grit – 303004050 70 Grit – 303004070 120 Grit – 303004120

BAR PREP TOOLS

Key Features

- Single bar trapezoid for standard attachment
- Best for surface prep and coating & adhesive removal
- Grits available: 16, 30, 60, and 120
- Metal bond available: Soft, Medium, and Hard
- Threaded 8mm holes

Important Ordering Notes

- For SASE® machines, each tool requires 3 SASE Screws — order 3 screws per tool (a set of 9 tools needs 27 screws)
- Threaded 8mm holes can be drilled out to 9mm to fit magnetic plates with dowel pins — specify this at the time of ordering

BAR PREP TOOLS	SOFT BOND	MEDIUM BOND	HARD BOND
SINGLE BAR	16 Grit – 590001016 30 Grit – 590001030 60 Grit – 590001060 120 Grit – 590001120	16 Grit – 590002016 30 Grit – 590002030 60 Grit – 590002060 120 Grit – 590002120	16 Grit – 590003016 30 Grit – 590003030 60 Grit – 590003060 120 Grit – 590003120
DOUBLE BAR	16 Grit – 592001016 30 Grit – 592001030 60 Grit – 592001060 120 Grit – 592001120	16 Grit – 592002016 30 Grit – 592002030 60 Grit – 592002060 120 Grit – 592002120	16 Grit – 592003016 30 Grit – 592003030 60 Grit – 592003060 120 Grit – 592003120

DOUBLE ROUND PREP TOOLS

Key Features

- Threaded 8mm holes
- Inland C6 double-bar trapezoid for standard attachment
- Double Round segment design
- Best for general surface prep and thin-mil coating & adhesive removal
- Grits available: 16, 30, 60, and 120
- Metal bond available: Soft, Medium, and Hard

Important Ordering Notes

- For SASE® machines, each tool requires 3 SASE Screws — order 3 screws per tool (a set of 9 tools needs 27 screws)
- Threaded 8mm holes can be drilled out to 9mm to fit magnetic plates with dowel pins — specify this at the time of ordering

DOUBLE ROUND PREP TOOLS	SOFT BOND	MEDIUM BOND	HARD BOND
	16 Grit – 532001016 30 Grit – 593001030 60 Grit – 593001060 120 Grit – 593001120	16 Grit – 593002016 30 Grit – 593002030 60 Grit – 593002060 120 Grit – 593002120	16 Grit – 593003016 30 Grit – 593003030 60 Grit – 593003060 120 Grit – 593003120

DOUBLE ARROW PREP TOOLS

Key Features

- Inland C6 double arrow trapezoid for standard attachment
- Available in clockwise or counter-clockwise rotation — made by request for rotary grinders
- Best for general surface prep and thin-mil coating & adhesive removal
- Grits available: 16, 30, and 60
- Metal bond available: Soft, Medium, and Hard
- Threaded 8mm holes

	SOFT BOND	MEDIUM BOND	HARD BOND
	16 Grit – 593201016 30 Grit – 593201030 60 Grit – 593201060	16 Grit – 593202016 30 Grit – 593202030 60 Grit – 593202060	16 Grit – 593203016 30 Grit – 593203030 60 Grit – 593203060

Item #'s:
Counter Clockwise – 59401102
Clockwise – 595011002

DOUBLE PCD TRAP TOOLS

Key Features

- Threaded 8mm holes
- Double PCD segments with a wear bar — aggressive removal with depth control
- Clockwise and counter-clockwise rotation available — matched to your rotary grinder
- Standard trapezoid attachment style — fits bolt-on grinders
- Best for: coating, mastic, glue, and thick adhesive removal

15 METAL DOT TRAP TOOLS

Key Features

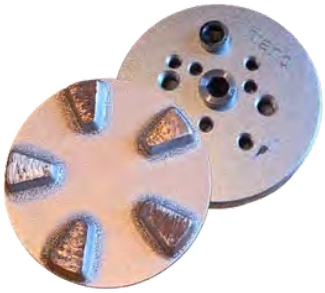
- Inland 15 metal dot trapezoid — non-OEM tooling for bolt-on grinders
- 15 metal dot (button) segments for standard attachment
- Bonds available: Extra Soft, Soft, Medium, and Hard
- Grits available: 16, 30, and 60
- For surface preparation and material removal
- Threaded 8mm holes

EXTRA SOFT BOND	SOFT BOND	MEDIUM BOND	HARD BOND
16 Grit – 515001016 30 Grit – 515001030	16 Grit – 515002016 30 Grit – 515002030 60 Grit – 515002060	16 Grit – 515003016 30 Grit – 515003030 60 Grit – 515003060	16 Grit – 515004016 30 Grit – 515004030

Fits SASE®, Diamatic, CPS, STI, & other bolt-on machines

5 SEG MULTI MOUNT TOOLS

5 Segment — for the Prep/Master® Jr and other similar-size lighter machines



MEDIUM BOND	HARD BOND
16 Grit – 511304016 30 Grit – 511304030 70 Grit – 511304070 120 Grit – 511304120	16 Grit – 511305016 30 Grit – 511305030 70 Grit – 511305070 120 Grit – 511305120

Key Features

- 3-inch diameter, 5-segment multi-mount tool
- Ideal for the Prep/Master® Jr and similar-size lighter machines
- Best for: general surface prep, thin-mil coating or paint removal, and first steps for polishing
- Grits available: 16, 30, 70, and 120
- Metal bond available: Medium and Hard
- Threaded 8mm holes

10 SEG MULTI MOUNT TOOLS

10 Segment — for the Full Size Prep/Masters and other similar-size machines

MEDIUM BOND	HARD BOND
16 Grit – 511306016 30 Grit – 511306030 70 Grit – 511306070 120 Grit – 511306120	16 Grit – 511307016 30 Grit – 511307030 70 Grit – 511307070 120 Grit – 511307120

Key Features

- Inland 3-inch, 10-segment multi-mount puck
- Best for: general surface prep, thin-mil coating or paint removal, and first steps for polishing
- Grits available: 16, 30, 70, and 120
- Metal bond available: Medium and Hard
- Threaded 8mm holes

11 SEG TRAP TOOLS

Key Features

- Inland 11-segment trapezoid for standard attachment
- Great for mastic removal — more diamond contact for gummy, stubborn material
- Grits available: 16, 30, 60, and 120
- Metal bond available: Soft, Medium, and Hard
- Standard trapezoid attachment — fits bolt-on grinders
- Threaded 8mm holes

SOFT BOND	MEDIUM BOND	HARD BOND
16 Grit – 596011016 30 Grit – 596011030 60 Grit – 596011060 120 Grit – 596011120	16 Grit – 597011016 30 Grit – 597011030 60 Grit – 597011060 120 Grit – 597011120	16 Grit – 598011016 30 Grit – 598011030 60 Grit – 598011060 120 Grit – 598011120

SASE SCREWS

What They're For

Attaching non-OEM standard trapezoid tools to SASE®-style attachment plates
Attaching multi-mount puck tools to SASE®-style plates
3 screws per tool — the correct hardware for a secure hold

How Many Do You Need?

Each tool takes 3 screws. So to figure your quantity, multiply your number of tools by 3:
A set of 9 tools = 27 screws
A full set of tools — count your tools and multiply by 3
Not sure how many you need for your setup?
Call us and we'll help you get the right count.

Item#':
903000013

SMITH PAINTS

Smith paints
Smith Paint Products

HERTRON

HERTRON INTERNATIONAL, LLC.
HERTRON STONE SYSTEMS

Surface Preparation Chemicals

Get the chemicals that finish the job — the densifiers, sealers, hardeners, and coatings that turn a ground floor into a hard, polished, protected surface. We carry concrete surface prep chemicals from trusted brands, and we'll help you pick the right product for your floor and your finish. Call and talk to a real surface-prep expert, not a call center.

Backed by Brands You Trust
We carry chemicals from leading names like Hertron International (densifiers, sealers, and concrete chemicals) and Smith Paints (coatings and finishes) — proven products that pair with your prep and polishing work.

Shipped Fresh, Factory-Direct
Smith's & Hertron products ship factory-direct from the manufacturer to your job site — fresh product, straight from the source, when you need it. We carry the complete Smith's line, so if you don't see the exact product you need, just ask.

Smith Paints — Industrial & Decorative Concrete Coatings

We carry the full line of Smith Paint Products®, a trusted American manufacturer of high-performance concrete coatings. From polyaspartics, epoxies, and polyurethanes to sealers, stains, crack and joint fillers, and repair products — Smith's has a solution for nearly every floor.

This catalog shows a selection of their products, but the complete Smith's line is available through us. Don't see what you need? Just ask — we can source any Smith Paints product and help you find the right system for your project.

Call (815) 941-4800 x 1 to order or for help choosing.

HERTRON INTERNATIONAL, LLC
HERTRON STONE SYSTEMS

GRANITE ULTIMATE BLACK

Key Features

- The premier polish for black granite — the deepest, richest shine
- Works on any color granite for a deep, beautiful finish
- Easy to apply with regular steel wool pads
- Use as your final polish after diamond cutting
- Pairs with Granite One Step for maximum depth on black granite
- Available in 10 or 25 LB Pails

When to Use It

- As your final polish after diamond cutting/honing granite
- As the finishing step after Granite One Step — for the deepest, richest shine on black granite
- Anywhere you want a deep, dark, brilliant finish on black (or any) granite

GRANITE ONE STEP

Key Features

- Restores rich color and deep luster to granite
- Works on any color granite
- Maintenance-friendly — ideal for keeping light-traffic areas looking sharp
- Works with regular steel wool pads
- One-step polishing for a quick, effective shine
- Available in 10 or 25 LB Pails

What It's For

- Restoring dull or worn granite to a rich luster
- Maintaining granite surfaces in light-traffic areas
- Bringing back color and shine on any color granite
- Countertops, floors, and other granite surfaces

Hertron Marble Supreme Polishing Paste

Key Features

- Ready-mixed polishing paste — no mixing, ready to use
- Restores worn marble, travertine, limestone, and aggregate
- Adds water and stain resistance to the surface
- Designed specifically for softer natural stones
- Brings dull, worn stone back to a beautiful finish

What It's For

- Adding water and stain resistance while you polish
- Polishing and restoring marble, travertine, and limestone
- Polishing aggregate surfaces
- Reviving worn or dull soft stone

SUPERIOR POLISHING POWER (5X)

Key Features

- Final polish for marble, travertine, limestone, and aggregates
- Aggressive polishing power without etching — the key advantage over comparable polishes
- Restores a beautiful, clear finish to softer stones
- 5X performance — the new standard in stone care
- For stone restoration professionals
- Aavailable in 10 or 25lb pail

What It's For

- Bringing worn or dull stone back to a clear, lustrous finish
- Restoration polishing of marble, travertine, and limestone
- Polishing aggregate surfaces
- The final polishing step on softer natural stone

HERTRON INTERNATIONAL, LLC
HERTRON STONE SYSTEMS

HERTRON PRIME GRIND II - Densifier & Initial Polish

Key Features

- Densifies natural stone — closes off the pores to harden the surface
- Adds a base level of stain protection
- Acts as the initial polish — starts building the shine
- Step 1 of the Prime Grind System
- For terrazzo, marble, and natural stone
- Available in 1, 5, & 55 Gallon Pails

What It Does

Prime Grind II does two jobs in one step:

- Densifies — by closing the pores of the stone, it hardens the surface, making it more durable and more resistant to staining
- Begins the polish — it acts as the initial polishing step, setting up the stone for the finishing polishes that follow

Hertron H2O Seal Water-Based Stone Sealer

Key Features

- Water-based — easy to use, low odor, simple cleanup
- Penetrating sealer — protects from within
- Water- and oil-resistant — guards against water and oil stains
- Versatile — natural stone, man-made tile, grout, carpet, and fabric
- Protects tile during grouting — for easy grout cleanup
- Fast and convenient “when time is of the essence”

What It’s For

- Sealing and protecting natural stone, tile, and grout
- Protecting carpet and fabric
- Pre-grouting protection — seal ceramic tile before grouting for easy cleanup
- Water and oil stain protection across many surfaces

Hertron Prime Grind A Slip-Resistance Treatment

Key Features

- Increases slip resistance on stone surfaces
- Used with Prime Grind M — a two-part anti-slip treatment
- Makes stone floors safer underfoot
- For natural stone surfaces
- Helps reduce slip-and-fall hazards

What It’s For

- Improving slip resistance on stone floors
- Safety treatment for stone in wet or high-traffic areas
- Reducing slip hazards on marble, granite, terrazzo, and other stone
- Anywhere slip safety matters — entries, bathrooms, commercial spaces

Hertron Prime Grind M — Stone Polish & Hardener

Key Features

- Polishes and hardens in one product
- Increases wear resistance — reacts with the stone to harden the surface
- Enhances shine — for a beautiful, durable finish
- Unique vitrification process — no “orange peeling” like old crystallization coatings
- Lets stone breathe — prevents residue buildup that blocks breathability

What It’s For

- Hardening stone for greater wear resistance and durability
- Polishing stone to a beautiful shine
- Finishing marble, terrazzo, and natural stone
- A safer alternative to traditional crystallization coatings

A Two-Part Slip-Resistance System

Prime Grind A works together with Prime Grind M to build slip resistance into your stone surface. Used as a system, the two products increase traction to help prevent slips and falls — important for wet areas, entryways, and any high-traffic stone floor where safety is a concern. Call us and we’ll help you get both parts of the system.

HERTRON INTERNATIONAL, LLC
HERTRON STONE SYSTEMS

Hertron Hertro-Seal Impregnating Stone Sealer

Key Features

- Impregnating (penetrating) sealer — protects from within, not a surface film
- Water-resistant — guards against water and staining
- Lets stone breathe — no trapped moisture
- Non-yellowing — won't discolor over time
- Won't blister, crack, or peel — unlike film-forming sealers
- Enhances natural beauty — brings out the stone's color and character

What It's For

- Sealing and protecting natural stone
- Water and stain protection for stone surfaces
- Interior and exterior stone (call to confirm your application)
- Preserving stone's natural look while protecting it

Hertron Zeta Seal Premium Stone Sealer

Key Features

- Premium sealer — top-tier protection
- Oil-resistant — guards against oil and stains
- UV-stable — won't break down in sunlight; ideal for outdoor use
- Works exceptionally well outdoors — sun and weather resistant
- Extremely versatile — natural stone, man-made tile, grout, carpet, and fabric

What It's For

- Zeta Seal protects an unusually wide range of surfaces:
- All natural stone
- Man-made / manufactured tile
- Grout joints
- Carpet and fabric
- Outdoor surfaces — patios, walkways, and more

Hertron Alpha Seal Impregnating Sealer

Key Features

- Transparent — protects without changing the surface's appearance
- Breathable, impregnating — penetrates to protect from within; lets the surface breathe
- Water- and oil-resistant — guards against water damage and oil stains
- Increases slip resistance — added safety underfoot
- Versatile — tile, marble, terrazzo, granite, grout joints, and cement

What It's For

- Alpha Seal protects a broad range of hard surfaces:
- Anywhere you want water, oil, and stain protection with added slip resistance
- Ceramic tile and grout joints
- Marble, terrazzo, and granite
- Cement and concrete surfaces

Hertron Bocci Seal Color-Enhancing Stone Sealer

Key Features

- Enhances natural color — brings out the depth and richness of the stone
- Impregnating sealer — penetrates to protect from within
- Protects against most stains
- Buffs to a high shine
- Ideal for honed or flame-cut stone — a popular choice for these finishes
- Works on marble, granite, terrazzo, and all natural stone

What It's For

- Anywhere you want richer color plus protection in one product
- Enriching the color of natural stone
- Sealing and stain protection for marble, granite, and terrazzo
- Finishing honed or flame-cut stone — deepening the color

SEALERS – VOC Compliant

Penetrating Sealers – *Extends substrate life cycle, reduces maintenance costs*

AQUA-SIL REPELLANT

- Water Repellent yet Breathable
- Natural Appearance
- Water-based Siloxane

Smith's STAIN SHIELD WB – Penetrating Water-Based Sealer

- Oil, Water & Stain Repellent
- Natural Appearance
- Water-based
- Breathable – Mitigates Efflorescence transfer

Smith's ENHANCER SHIELD – Penetrating Water-Based Sealer – Color Enhancing

- Water & Stain Repellent
- Enhances natural color tone
- For exterior porous stone, pavers & concrete
- Breathable – Mitigates Efflorescence transfer

Smith's NATURE SHIELD

Hybrid penetrating sealer that can be applied as a clear, non-darkening sealer to concrete & other porous substrates

LELITE REPELLENT

Penetrating, Solvent-based Silicone sealer for Vertical Masonry

- Colorless – No change to texture nor appearance
- Water Repellant yet Breathable
- Low VOC's
- Nearly 6 year Effective Life

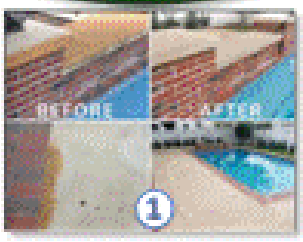
Smith's Stain Shield SB – Resists Biological Growth, Salt Damage, Dirt Pickup, Efflorescence, Discoloration & Chemical Degradation

Penetrating, Solvent-based Siloxane sealer for porous Concrete, Masonry & Stone

- Colorless – No change to texture nor appearance
- Oil, Water & Stain Repellant
- Breathable - Mitigate Efflorescence transfer

Smith's COLOR SHIELD – Nature Shield with Color Floor – Penetrating Stain & Sealer System

Mix Nature Shield with Color Floor to achieve Smith's Color Shield System



Smith's Color Shield: 1) Natural Gray / 2) San Diego Zoo Entrance

Film Forming Sealers – *Extends substrate life cycle, reduces maintenance*

Poly-SB – Gloss or Low Sheen

38% Solids Solvent-based Sealer for pavers, stamped & other decorative concrete

- Solvent-based Polyurethane
- Infinite recoat ability
- "Wet Look" Color Enhancing

Smith's Waterborne Polyester Polyurethane Topcoat Poly-WB

High Performance Polyester Polyurethane sealer

- U.V. Stable for Interior / Exterior
- Durable
- Chemical Resistant
- 1 hour Pot-Life

Smith's Poly-SEAL – Semi-Gloss or Low Sheen – Waterborne Polyurethane/Acrylic Primer/Sealer

Ready-to-Use Polyurethane Acrylic modified sealer

- No color enhancement / darkening
- U.V. Stable & Non-Yellowing
- Primer for Poly-WB (Dried-to-touch)

1) Poly-SB Gloss – Stamped concrete refreshed | 2) Poly-WB Low Sheen over 4in1 Overlay & Color Floor | 3) Poly-SEAL over Color Floor

TRACTION ADDITIVES

For use in Film Forming Sealers only

Smith's RESIN SAND – Traction Grit

Available in:

- 45 Grit
- 60 Grit
- 45/60 Grit blend

Smith's HEMISPHERIC GLASS BEAD – Traction Grit

Available in:

- Fine Grit (50/70 Mesh)
- Mild Grit (40/70 Mesh)
- Course Grit (20/30 Mesh)

Smith Paints — Industrial & Decorative Concrete Coatings

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CONCENTRATED POWDER DETERGENT

CT-8

Key Features

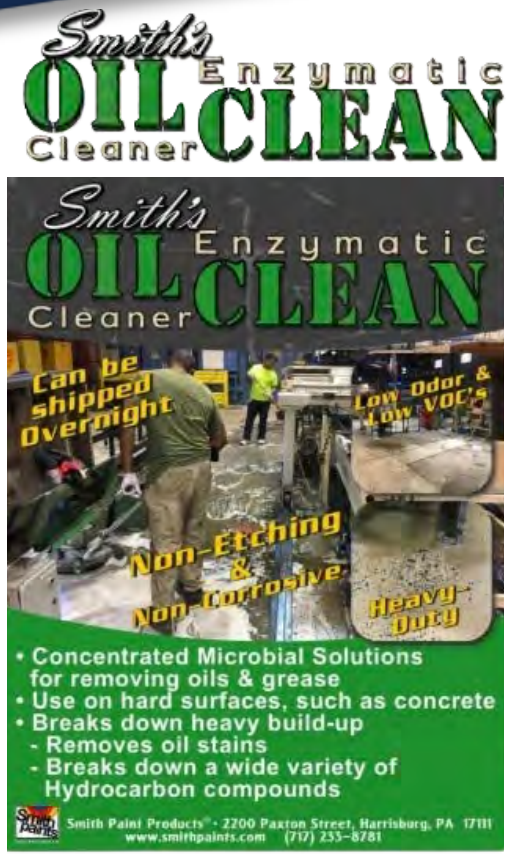
- Dual-purpose — aggressively cleans and strengthens the concrete surface
- Biodegradable and non-corrosive
- Low odor
- Ships easily — overnight deliverable, no hazmat Red Label
- White powder concentrate, 100% solids by weight

What It's For

- Prepping exterior textured concrete before Smith's Color Floor, Color Wall, and Color Accents
- Cleaning and toughening the surface in one step
- Not for: smooth troweled concrete, or removing coatings (paint, sealer, or other film-forming products).

Coverage & Mixing

- Coverage: about 250 sq ft per gallon of mixed solution (varies with surface porosity, profile, and method)
- Mixing: dissolve 1 cup of CT-8 powder per gallon of water (warm water dissolves it faster)
- Shelf life: 3 years; store at 40–90°F



Why Oil Clean?

Oil and grease stains are one of the toughest problems on a concrete floor — and one of the most important to deal with before coating or polishing. Oil that soaks into concrete doesn't just look bad; it contaminates the surface and prevents coatings, sealers, and overlays from bonding. Smith's Oil Clean uses enzymes to break down and lift those hydrocarbons out of the concrete, cleaning the surface and helping ensure your next coating or finish adheres properly.

Key Features

- Powerful concentrated solution — a little goes a long way
- Removes problematic oil stains on concrete and other hard surfaces left by vehicles and equipment
- Enzymatic cleaning process — degrades a wide variety of hydrocarbon compounds to remove residual oil
- Available in 1-gallon and 5-gallon containers

What It's For

- Removing oil and grease stains from concrete floors
- Cleaning oil-contaminated concrete before coating, sealing, or polishing
- Garage floors, shops, warehouses, loading docks, and equipment areas
- Prepping stained concrete so new coatings bond properly

Key Features

- Cleans and profiles in one step — produces a moderate surface texture for better adhesion
- Biodegradable and non-corrosive
- Low odor and user-friendly — a safer alternative to harsh acid etching
- Rinses to a neutral pH with water
- Ships easily — overnight deliverable, no hazmat Red Label
- Ready to use at full strength — no diluting

What It's For

Prepping concrete (interior or exterior) before Smith's Color Floor, Color Wall, and Color Accents

Cleaning and etching the surface so color products bond and last

Not for: removing coatings (paint, sealer, or other film-forming products).

Coverage & Use

Coverage: about 200–250 sq ft per gallon (varies with surface porosity, profile, and method)

Use at full strength — do not dilute

Apply with a pump-up sprayer or dip-and-roll (½″ nap roller)

Need more profile? Just reapply

Shelf life: 6 months unopened, 3 months opened; store at 40–90°F

HERTRON INTERNATIONAL, LLC
HERTRON STONE SYSTEMS

1005 INDUSTRIAL DEGREASER

Key Features

- Industrial-strength — cuts through tough grease, oil, and grime
- Highly concentrated — economical; dilute to the strength you need
- Non-caustic — safe to use on virtually any surface
- Restores ceramic tile and grout lines — brings them back to life
- Versatile cleaning for shops, floors, and hard surfaces
- Available in 1, 5, & 55 Gallon Pails

What It's For

- Degreasing floors, equipment, and hard surfaces
- Cutting through oil, grease, and grime
- Restoring ceramic tile and grout
- General industrial and heavy-duty cleaning

ALL OFF — Penetrating Multi-Purpose Cleaner

Key Features

- Solvent-based, penetrating formula — cuts deep into buildup
- Removes old wax, grease, oil, and soap film
- Safe on stone and tile — won't etch stone when used properly
- Multi-purpose — one cleaner for a range of stripping and cleaning jobs
- Restores stone and tile surfaces to a clean starting point
- Available in 1, 5, & 55 Gallon Pails

What It's For

- Stripping old wax and floor finishes
- Removing grease, oil, and soap film buildup
- Deep-cleaning stone and tile surfaces
- Prepping stone/tile before resealing or refinishing

MARBLE PLUS - Multi Surface Cleaner

Key Features

- Multi-surface — safe on all bathroom surfaces except mirrors
- Removes dirt, grime, and soap scum — from tile, walls, tubs, and fixtures
- Strong enough to remove makeup from countertops
- One cleaner for the entire bathroom
- Safe for use on marble and stone surfaces
- Available in 1, 5, & 55 Gallon Pailsrfaces

What It's For

- Bathroom cleaning — tile, walls, tubs, showers, and fixtures
- Removing soap scum, grime, and buildup
- Cleaning countertops (including makeup and residue)
- Multi-surface everyday cleaning

STONE SOAP

Key Features

- Non-detergent formula — cleans without dulling residue or film buildup
- Highly concentrated — economical; a little goes a long way
- Maintains the shine of polished floors with regular use
- Increases slip resistance — for a safer floor
- Odor-neutralizing, with a pleasant scent
- Available in 1, 5, & 55 Gallon Pails

What It's For

- Crack filling — static, non-moving cracks
- Patching — spalls, pop-outs, gouges, holes, and surface imperfections
- Pit grout for the concrete polishing process
- Rebuilding control-joint walls
- Repairs before coating — patch, then apply a Smith's epoxy system (surface diamond-ground first)
- Freezer/chiller floors, suspended decks (parking, bridges, catwalks), radiant-heat floors.

Available in a 1-Quart or 1-Gallon Kit

Key Features

- Fills cracks, spalls, pop-outs, holes, and voids in concrete
- Fast return to service — grind in 15–60 minutes; heavy traffic in ~1 hour
- Low viscosity — penetrates hairline cracks; extend with sand for deep repairs
- 1:1 mix ratio — easy to measure and mix; no primer needed
- Tenacious bond to prepared concrete (650 psi — the concrete fails first)
- Chemical- and impact-resistant with good load transfer
- Feather edge to any depth (with aggregate extension)
- Interior/exterior, above or below grade — even freezer/chiller floors and radiant-heat floors
- Doubles as a pit grout for polished concrete

Fast Return to Service

The big advantage of PCF-45 is speed. With a 4-minute pot life it sets fast, and you can diamond grind it smooth in as little as 15–60 minutes and put heavy traffic on it within an hour. For contractors, that means repair, grind, and keep moving — no waiting overnight for patches to cure. Full chemical resistance develops over 2–3 days

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Important to Know

- Not UV stable — epoxy will amber; topcoat with a UV-stable product for color-critical or sunlit areas
- Interior use only — not for thermal-shock areas or exposure above 145°F
- Not for wood substrates — will crack at board seams
- Requires CSP 4–6 mechanical prep and moisture testing
- A professional repair product — call us and we'll help you plan the repair

Key Features

- 3-component, 100% solids epoxy mortar — trowel applied
- Heavy-duty — 10,500 psi compressive strength, 85–90 Shore D hardness
- Fast return to service — heavy/forklift traffic in as little as 8 hours at 72°F
- High impact and abrasion resistance — excellent rolling-load resistance for cart and forklift traffic
- For repairs ≥ 3/16″ — resurfacing, deep patching, joint-wall rebuilding
- Bonds tenaciously — concrete fails before the bond does
- Low odor, low VOC
- Mix in the container — convenient packaging

What It's For

- Resurfacing eroded concrete floors (≥ 3/16″)
- Rebuilding broken joint walls and eroded joint edges
- Deep patching — gouges, spalls, and missing sections
- Cove bases — radius and cant coves at wall/floor transitions
- High-traffic, abusive environments — automotive/aviation manufacturing, beverage distribution, food processing, forklift aisleways, warehouses

Key Features

- Semi-rigid polyurethane — supports and protects joint edges under heavy traffic
- Self-leveling, pourable — easy to place and finish
- 100% solids — zero VOC, low odor, non-tainting
- Fast — shave in 90–120 minutes, diamond grind in ~6 hours, forklift traffic in 8–10 hours
- Moisture tolerant — can be used with Smith's moisture-mitigation primers on damp slabs
- Bonds tenaciously to concrete, overlays, coatings, tile, and metal
- For joints and repairs up to 5″ deep
- FDA/USDA/CFIA facility acceptable — non-tainting
- No red-label shipping required

What It's For

- Filling and protecting control joints subject to forklift, caster, and vehicular traffic
- Protecting joint edges from erosion and spalling under heavy loads
- Crack, spall, and gouge repairs up to 5″ deep
- Interior industrial floors — warehouses, manufacturing, food & beverage

Important to Know

- Requires proper joint prep (saw-cut/clean the joint, sand or backer rod at the base)
- Semi-rigid, not elastomeric — designed for control joints, not high-movement expansion joints
- Not UV stable — for interior use; will dull/chalk with UV exposure
- Made-to-order — non-stocking product; call to order

Regular Cure or Fast Cure?

Smith's offers the Poly JF semi-rigid joint filler in two cure speeds:

- Poly JF (Regular Cure) — the standard semi-rigid joint filler for protecting control joints, when fast return-to-service isn't critical
- Poly JF/FC (Fast Cure) (this product) — the same durable joint protection, but cures fast (shave in 60 min, forklift traffic in 14–18 hrs) — choose it when minimizing floor downtime matters

Key Highlights

- Heavy-duty — chemical resistant, flexible, tenacious bond
- Fast cure — shave in 60 min, dry-grind in 2.5–3.5 hrs, forklift traffic in 14–18 hrs
- Pourable, self-leveling 2-component filler for interior control or construction joints
- 100% solids, low odor, low VOC
- Protects joint edges from spalling under forklift, caster, and heavy traffic
- Pour as deep as 5″ and 1.5″ wide in a single lift
- Suppresses minor cracks from telegraphing
- Resists aging and elasticity fatigue
- Suitable over in-floor radiant heat systems
- Can be topcoated with thin-film polyaspartics and polyurethanes (under 8 mils) once hard
- Natural beige color; accepts Smith's ISC Color Packs (excluding white/ivory white)
- Moisture-tolerant; final service temps 40°F–200°F
- FDA/USDA/CFIA-compliant — non-tainting, for regulated facilities
- No red label required for shipping

Industrial Concrete Floor Coatings

Introducing:
Smith's
POLYASPARTIC
ALIPHATIC 2-COMPONENT
1A : 1B
MIX RATIO
Paint Roller
Roller Grade
Low Viscosity,
Low Odor
•Non-Tainting
Does not risk food flavor contamination
in food & beverage environments during application
7000
POLYASPARTIC
LO
FAST
CURE
LOW
ODOR
Fast
Cure
REDCOAT WITHIN 2.5 TO 3 HOURS
@ 72°F / 50% Humidity
with 30 min. Pot-Life
•Aliphatic
- Ultra Violet Light Stable / Non-Yellowing
POLYASPARTIC
8000
LO
LOW
ODOR
REGULAR
CURE
Regular
Cure
60 min.
Pot-Life
•Under 250 g/L VOC's
longer than many
competitors Polyaspartics
when applied in similar conditions
Optional Solid Color Packs
Smith's For Solids Colors:
ISC COLOR PACK
INDUSTRIAL SOLID COLORANT
Smith paints
Formulated &
Manufactured
in Harrisburg, PA

Industrial Concrete Floor Coatings

Decorative Concrete Stains

Key Features

- Water-based — a safe, low-odor alternative to acid and solvent stains (no acid neutralization)
- Natural, variegated look — produces unique, even artistic finishes
- UV-, weather-, alkali-, and water-resistant once cured
- Concentrated — dilute to control color intensity and coverage
- Versatile — concrete, pavers, brick, plaster, and natural stone; interior or exterior; horizontal or vertical
- Can be applied over previously sealed surfaces

How It's Applied

Apply with an airbrush, HVLP sprayer, production gun, pump (bug) sprayer, sea sponge, or bristle brush — misting the surface gives the most natural, variegated result. Because it's a concentrate, you dilute it (with Smith's Base Boost and water) to dial in the color intensity. Color Floor requires a top coat to protect the finish.

Available Sizes

4 oz, Quart, Gallon, and 5 Gallon

Three Color Series

Color Floor comes in three series for different looks:

- Classic Series — semi-transparent stains, from high-hide to variegated
- Old World Series — transparent stains with an acid-stain look
- Bright Light Series — high-chroma, intense colors for accents and artistic work

All Color Floor colors are compatible with one another, so you can blend and layer.

Key Features

- Concentrated — dilutes with water (low odor) or acetone (fast cure) to make a ready-to-use dye
- Penetrating color for polished concrete and dye-and-seal floors
- 13 base colors — from blacks and browns to blues, greens, reds, and yellows
- Fast drying and easy to apply
- Superior performance with good light fastness
- Interior use only

How It's Used

Smith's Liquid Dye fits two decorative concrete processes:

- Polished concrete — apply the dye during polishing (around the 200-grit resin step), then densify with Smith's Base Boost and continue polishing to your desired finish (e.g., 800, 1500, or 3000 grit)
- Dye and seal — prep the concrete, apply the dye, then seal with a Smith's sealer or topcoat (like Poly-SEAL+)

Dilute one 8 oz bottle of concentrate with one gallon of water or acetone to make a ready-to-use gallon. Apply with a pump-up sprayer in a fine, circular fog pattern.

Part of the Smith's Decorative System

Smith's Liquid Dye works within the full Smith's system — prep, color, densify, and seal:

1. Prep — Green Clean Pro and proper grinding
2. Color — Smith's Liquid Dye
3. Densify — Smith's Base Boost
4. Seal — Poly-SEAL+ or Poly-WB+

Specifications

- Colors: 13 base colors
- Coverage: 200–450 sq ft per ready-to-use gallon (varies with surface profile)
- Dilution: 8 oz concentrate to 1 gallon water or acetone
- VOC: 14.8–22.6 g/L
- Shelf life: 1 year (unopened)
- Use: interior only

Key Features

- 16 base colors — see the color chart
- Pre-measured — for uniform, consistent color from mix to mix
- Integral color — mixed right into the overlay or resurfacer
- Meets or exceeds ASTM C-979 for integral color pigments
- Natural appearance with good durability
- UV-resistant and non-blushing
- Low VOC
- Resistant to hot tire pickup
- Interior and exterior use

What They're For

- Dry Pigment Packs integrally color these Smith's cement-based products:
- Smith's CPR Cementitious Polyurethane Resurfacers — Self-Leveler (CPR-SL), Rake & Trowel (CPR-MD), and Trowel (CPR-HD) grades
- Smith's 4 in 1 Overlay — the multipurpose decorative cement overlay Smith's CPR Cementitious Polyurethane Resurfacers — Self-Leveler (CPR-SL), Rake & Trowel (CPR-MD), and Trowel (CPR-HD) grades

How to Use Them

Empty one Dry Pigment Pack into one bag of 4 in 1 Overlay or one kit of CPR (SL, MD, or HD), then mechanically mix until the color is uniform — following the mixing instructions for that product. Because they're pre-measured, every batch comes out the same color.

Specifications

- Type: iron oxide pigments
- Colors: 16 (reference color chart)
- Solids: 100% by weight
- Shelf life: 4 years
- Storage: 50°F–120°F, dry
- Standard: meets/exceeds ASTM C-979

Decorative Concrete Stains

Key Features

- High-performance, polymer-modified cement overlay
- Water-ratio variable — adjust consistency for the application
- High strength — rated for vehicle traffic
- Interior or exterior, vertical or horizontal
- "Just add water" — simple to mix
- Available in coarse or fine, white or gray (gray is special order; standard is coarse, white)

One Overlay, Many Finishes

The "4 in 1" versatility means one product covers a wide range of decorative and repair work:

- Trowel and skip trowel
- Stamp
- Spray
- Carve
- Broom finish
- Sloping
- Repairs

From a smooth resurface to a stamped, carved, or textured decorative finish, 4 in 1 Overlay does it.

Add Color With Dry Pigment Packs

Want integral color? Pair 4 in 1 Overlay with Smith's Dry Pigment Packs — pre-measured iron oxide pigments in 16 colors that mix right into the overlay for uniform, consistent color. One pack per bag of overlay.

What It's For

- Resurfacing worn or damaged concrete
- Decorative finishes — stamped, carved, troweled, textured
- Vertical work — walls and vertical surfaces
- Repairs — high-strength patching and resurfacing
- Interior and exterior, including vehicle-traffic areas

Slurry Solidifier

Slurry Slayer™ is a concrete slurry management system developed by an actual contractor who works in the field every day — so it's built for how the job really works. It turns messy liquid slurry into a non-hazardous, landfill-accepted solid you can simply scoop up and dispose of. No pumping, no mopping, no pouring slurry where it shouldn't go.

What It's For

- Concrete grinding and polishing
- Concrete saw cutting and drilling
- Concrete rinse-out areas
- Stone restoration

It works on water-based waste — concrete and stone slurry, and similar water-based compounds.

Good to Know

It's polymer-based, so the waste must be below 150°F (it will melt above that) and it can't be used in freezing temperatures.

A Two-Product System

Slurry Slayer™ is a complete slurry management program with two products that work individually or together:

- Slurry Slayer™ Solidifier™ — solidifies the slurry into a scoopable, disposable solid
- Slurry Slayer™ Purifier™ — for treating the water/waste

Use what your job calls for — just the Solidifier, or both together for complete slurry management.

Available Sizes

55 lb sack (Item #381919055) — absorbs up to 550 gallons
"Super Sack" (special order) — for high-volume operations

SlurrySafe™ ph Reducer

The Safe Replacement for Muriatic Acid

For years, removing hardened concrete slurry and calcium deposits meant working with harsh hydrochloric/muriatic acid — dangerous to skin, corrosive to equipment, fuming, and a hazardous material to handle and store. SlurrySafe AR™ replaces all of that. It cleans just as aggressively on slurry and calcium buildup, but it's non-toxic, non-fuming, biodegradable, and safe to handle — protecting your crew and your equipment at the same time.

What It Cleans

- SlurrySafe AR™ dissolves concrete slurry and calcium deposits from:
- Grinding and polishing equipment
- Diamond tooling (won't harm velcro or adhesives)
- Auto scrubbers
- Vacuums and dust collectors
- Tools and hand equipment
- Pumps, pipes, filters, and other surfaces fouled by slurry

Item# 385000004 - Case of 4 x 1 Gallon Jugs

Features & Benefits

- Acid-free muriatic acid replacement — dissolves concrete slurry and calcium-based deposits
- 100% biodegradable, EPA-approved
- "Triple Zero" hazardous material score
- Non-toxic, non-fuming, no VOCs — safe on skin
- Safe on equipment — pumps, pipes, filters, paint, rubber, and most metals
- Won't affect velcro or its adhesives on tooling
- Descales and eliminates foulants and rust
- Requires no corrosion inhibitor
- High pH neutralizer
- Non-regulated by U.S. DOT — easy to ship and store
- Dilution ratio: 1:1 with clean water

SUBSTRATE

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