



Service • Support • Success

STI PRODUCT CATALOG

U.S. Standard & Metric Measurements



Terrazzo



Concrete

It's a System



Not a Machine



Service • Support • Success

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Updated 04/2024



About Substrate Technology, Inc.

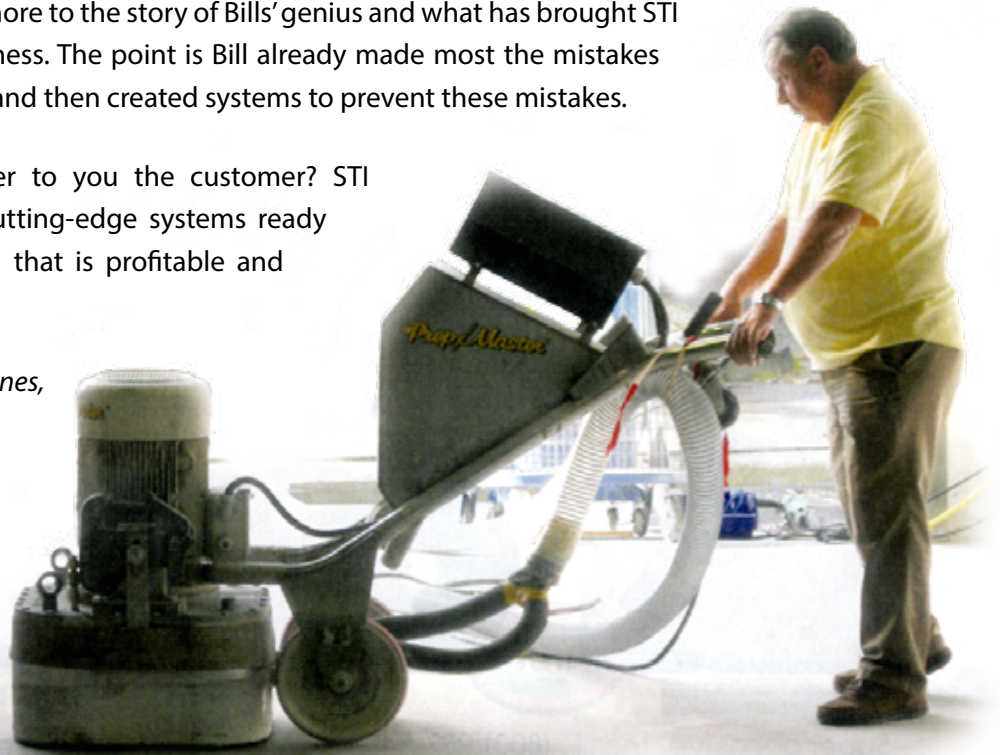
At STI we are proud to offer products that deliver “real world” solutions for our customers. We are able to do this for a few reasons like hard work, combined experience of over 100 years of contracting, and ISO certified suppliers but mostly we are able to do it because of our founder.

STI was founded in 1995 by William ‘Bill’ Jones after his some 30 years of floor covering and floor prep experience. As a contractor, Bill realized he was helpless for products that could deliver results productively AND reliably. Sure there were ‘systems’ on the market but each had their shortcomings and all required some improvising by the end user of the products.

Through numerous trials and subsequent failures Bill put together a system of machinery and diamond tools that can be relied upon to deliver the fastest and most predictable results. There is of course much more to the story of Bills’ genius and what has brought STI into its 20th year of business. The point is Bill already made most the mistakes common to our industry and then created systems to prevent these mistakes.

Why does all this matter to you the customer? STI products are turn-key, cutting-edge systems ready to deliver you a solution that is profitable and predictable.

*In memory of Bill & Lynn Jones,
STI Founders*



STI-2807 Prep/Master®

Project sizes up to 2,000 SF/186m²

It's a System



Not a Machine



ITEM NUMBERS:



2807 220V/230V - Item #432807230

2807 380V/480V - Item #432807480

Specifications

| | |
|------------------------|---|
| Motor | 7.5 HP - 3 phase 5.5kW |
| Power Source | 220/230 VAC 1 or 3 Phase, 60 Hz 380/480 VAC 3 Phase, 50-60Hz |
| Power Cord | 30 ft./9m (8-4) |
| Vacuum Hose Connection | 3 in./76mm x 25 ft./8m |
| Weight | 743 lbs. 337 kg |
| Tool RPM | 300 RPM to 750 RPM variable |
| Number of Tools | 6 |
| Tools Attachment Style | EG Proprietary Attachment System |
| Dimensions | 57" L x 28" W x 51" H 145 cm x 71 cm x 130 cm |
| Recommended Vacuum | Dustcom 3003AR (300 CFM) or equivalent |

Production Rates

| | |
|----------------------|----------------------------------|
| Mastic Removal | 375 SF /35 m ² per hr |
| Thin Set Removal | 425 SF /40 m ² per hr |
| Mil Coatings Removal | 225 SF /21 m ² per hr |
| Polished Concrete | 575 SF /53 m ² per hr |

P/M Diamond Systems for the STI-2807

To complete your system, continue here.

Concrete Prep
pg. 13-14

Polished Concrete
pg. 15-22

Terrazzo Polishing
pg. 21-22

STI-2818LP Prep/Master®

ITEM NUMBER:
Item #432818001



Project sizes up to 2,000 SF/186m²

It's a System



Not a Machine

**PROPANE
MODEL**



Specifications

| | |
|------------------------|---|
| Motor | Kawasaki 18HP LP |
| Motor RPM | 2,200 - 3,650 RPM |
| Vacuum Hose Connection | 3 in./76mm x 25 ft./8m |
| Weight | 829 lbs. 376 kg |
| Tool RPM | 366 RPM to 500 RPM |
| Number of Tools | 6 |
| Tools Attachment Style | EG Proprietary Attachment System |
| Dimensions | 73"L x 30"W x 50"H 185 cm x 76 cm x 127 cm |
| Recommended Vacuum | Dustcom 3003AR (300 CFM) or equivalent |

Production Rates

| | |
|----------------------|----------------------------------|
| Mastic Removal | 375 SF /35 m ² per hr |
| Thin Set Removal | 425 SF /40 m ² per hr |
| Mil Coatings Removal | 225 SF /21 m ² per hr |
| Polished Concrete | 575 SF /53 m ² per hr |

P/M Diamond Systems for the STI-2818LP

To complete your system, continue here.

Concrete Prep
pg. 13-14

Polished Concrete
pg. 15-22

Terrazzo Polishing
pg. 21-22

STI-2420 Prep/Master®

Project sizes up to 5,000 SF/465m²

It's a System



Not a Machine



ITEM NUMBERS:

2420 220V/230V - Item #432420230

2420 380V/480V - Item #432420480



Specifications

| | |
|------------------------|---|
| Motor | 20 HP - 3 phase 14.7kW |
| Power Source | 220/230 VAC 1 or 3 Phase 60 Hz 380/480 VAC 3 Phase 50-60Hz |
| Power Cord | 30 ft./9m (8-4) |
| Vacuum Hose Connection | 3 in./76mm x 25 ft./8m x Two |
| Weight | 978 lbs. 444 kg |
| Tool RPM | 250RPM (30Hz) to 750RPM (90Hz) |
| Number of Tools | 12 |
| Tools Attachment Style | EG Proprietary Attachment System |
| Dimensions | 75"L x 27"W x 50"H 191 cm x 69 cm x 127 cm |
| Recommended Vacuum | Red Raider (360CFM) with pre-separator or equivalent |

Production Rates

| | |
|----------------------|----------------------------------|
| Mastic Removal | 475 SF /44 m ² per hr |
| Thin Set Removal | 525 SF /49 m ² per hr |
| Mil Coatings Removal | 325 SF /30 m ² per hr |
| Polished Concrete | 925 SF /86 m ² per hr |

P/M Diamond Systems for the STI-2420

To complete your system, continue here.


Concrete Prep
pg. 13-14

Polished Concrete
pg. 15-22

Terrazzo Polishing
pg. 21-22

STI-2418LP Prep/Master®

Project sizes up to 5,000 SF/465m²

ITEM NUMBERS: 
Item #432418001

It's a System



Not a Machine



Specifications

| | |
|------------------------|--|
| Motor | Kawasaki 18HP LP |
| Motor RPM | 2,200 - 3,650 RPM |
| Vacuum Hose Connection | 3 in./76mm x 25 ft./8m x Two |
| Weight | 895 lbs. 406 kg |
| Tool RPM | 366 RPM to 500 RPM |
| Number of Tools | 12 |
| Tools Attachment Style | EG Proprietary Attachment System |
| Dimensions | 78"L x 27"W x 48"H 198 cm x 69 cm x 122 cm |
| Recommended Vacuum | Red Raider (360CFM) with pre-separator or equivalent |

Production Rates

| | |
|----------------------|----------------------------------|
| Mastic Removal | 475 SF /44 m ² per hr |
| Thin Set Removal | 525 SF /49 m ² per hr |
| Mil Coatings Removal | 325 SF /30 m ² per hr |
| Polished Concrete | 925 SF /86 m ² per hr |

P/M Diamond Systems for the STI-2418LP

To complete your system, continue here.

Concrete Prep
pg. 13-14

Polished Concrete
pg. 15-22

Terrazzo Polishing
pg. 21-22

STI-3030 Prep/Master®

Project sizes up to 10,000 SF/929 m²



ITEM NUMBERS:

3030 220V/230V - Item #433030230

3030 380V/480V - Item #433030480

3025 220V/230V - Item #433025230

3025 380V/480V - Item #433025480

It's a System



Not a Machine



Specifications

| | |
|------------------------|---|
| Motor | 30 HP - 3 phase 22kW |
| Power Source | 220/230 VAC 1 or 3 Phase 60 Hz 380/480 VAC 3 Phase 50-60Hz |
| Power Cord | 30 ft./9m (6-4) |
| Vacuum Hose Connection | 3 in./76mm x 25 ft./8m |
| Weight | 1,320 lbs. 599 kg |
| Tool RPM | 300 RPM to 750 RPM variable |
| Number of Tools | 12 |
| Tools Attachment Style | EG Proprietary Attachment System |
| Dimensions | 86"L x 30"W x 52"H 218cm x 76cm x 132cm |
| Recommended Vacuum | Duo Vac (630CFM) with pre-separator or equivalent |

Production Rates

| | |
|----------------------|---------------------------------------|
| Mastic Removal | 600 SF /56 m ² per hr |
| Thin Set Removal | 600 SF /56 m ² per hr |
| Mil Coatings Removal | 425 SF / 39 m ² per hr |
| Polished Concrete | 1,200 SF /111.5 m ² per hr |

P/M Diamond Systems for the STI-3030



Concrete Prep
pg. 13-14

Polished Concrete
pg. 15-22

Terrazzo Polishing
pg. 21-22

STI-3038LP Prep/Master®

ITEM NUMBERS:
Item #433038001



Project sizes up to 10,000 SF/929 m²

It's a System



Not a Machine

**PROPANE
MODEL**



Specifications

| | |
|------------------------|---|
| Motor | Kawasaki 38HP LP |
| Motor RPM | 2,200 - 3,650 RPM |
| Vacuum Hose Connection | 3 in./76mm x 25 ft./8m |
| Weight | 1,084 lbs. 492 kg |
| Tool RPM | 366 RPM to 500 RPM |
| Number of Tools | 12 |
| Tools Attachment Style | EG Proprietary Attachment System |
| Dimensions | 86"L x 30"W x 48"H 218 cm x 76 cm x 122 cm |
| Recommended Vacuum | Duo Vac (630CFM) with pre-separator or equivalent |

Production Rates

| | |
|----------------------|---------------------------------------|
| Mastic Removal | 600 SF /56 m ² per hr |
| Thin Set Removal | 600 SF /56 m ² per hr |
| Mil Coatings Removal | 425 SF / 39 m ² per hr |
| Polished Concrete | 1,200 SF /111.5 m ² per hr |

P/M Diamond Systems for the STI-3038LP

To complete your system, continue here.

Concrete Prep
pg. 13-14

Polished Concrete
pg. 15-22

Terrazzo Polishing
pg. 21-22

STI-4430 Prep/Master®

Project sizes up to 20,000 SF/1,858 m²



ITEM NUMBERS:

4430 220V/230V - Item #434430230

4430 380V/480V - Item #434430480

4425 220V/230V - Item #434425230

4425 380V/480V - Item #434425480

It's a System



Not a Machine



Specifications

| | |
|------------------------|---|
| Motor | 30 HP - 3 phase 22kW |
| Power Source | 220/230 VAC 1 or 3 Phase 60 Hz 380/480 VAC 3 Phase 50-60Hz |
| Power Cord | 30 ft./9m (6-4) |
| Vacuum Hose Connection | 3 in./76mm x 25 ft./8m |
| Weight | 1,460 lbs. 662 kg |
| Tool RPM | 250RPM (30Hz) to 750RPM (90Hz) |
| Number of Tools | 24 |
| Tools Attachment Style | EG Proprietary Attachment System |
| Dimensions | 80"L x 44"W x 52"H 203 cm x 112 cm x 132 cm |
| Recommended Vacuum | Duo Vac (630CFM) with pre-separator or equivalent |

Production Rates

| | |
|----------------------|-------------------------------------|
| Mastic Removal | 725 SF /67 m ² per hr |
| Thin Set Removal | 725 SF /67 m ² per hr |
| Mil Coatings Removal | 575 SF /53 m ² per hr |
| Polished Concrete | 5,025 SF /467 m ² per hr |

P/M Diamond Systems for the STI-4430

To complete your system, continue here.

Concrete Prep
pg. 13-14

Polished Concrete
pg. 15-22

Terrazzo Polishing
pg. 21-22

STI-4438LP Prep/Master®

ITEM NUMBERS:
Item #434438001



Project sizes up to 20,000 SF/1,858 m²

It's a System



Not a Machine

**PROPANE
MODEL**



Specifications

| | |
|------------------------|---|
| Motor | Kawasaki 38HP LP |
| Motor RPM | 2,200 - 3,650 RPM |
| Vacuum Hose Connection | 3 in./76mm x 25 ft./8m |
| Weight | 1,315 lbs. 596 kg |
| Tool RPM | 366 RPM to 500 RPM |
| Number of Tools | 24 |
| Tools Attachment Style | EG Proprietary Attachment System |
| Dimensions | 78"L x 44"W x 50"H 198 cm x 112 cm x 127 cm |
| Recommended Vacuum | Duo Vac (630CFM) with pre-separator or equivalent |

Production Rates

| | |
|----------------------|-------------------------------------|
| Mastic Removal | 725 SF /67 m ² per hr |
| Thin Set Removal | 725 SF /67 m ² per hr |
| Mil Coatings Removal | 575 SF /53 m ² per hr |
| Polished Concrete | 5,025 SF /467 m ² per hr |

P/M Diamond Systems for the STI-4438LP

To complete your system, continue here.

Concrete Prep
pg. 13-14

Polished Concrete
pg. 15-22

Terrazzo Polishing
pg. 21-22



7.5
HP

455
LBS.

6
TOOLS



| | |
|---------------------------|--|
| Production Rates (per hr) | 300 SF (28m ²) Polished Concrete |
| | 200 SF (19m ²) Thin Set Removal |
| | 200 SF (19m ²) Mastic Removal |
| | 200 SF (5m ²) +/-25 mil Coatings |

| MODEL | ITEM NUMBER |
|------------------|-------------|
| Prep/Master® Jr. | 823752201 |

FOR POLISHING PROJECTS UP TO 1,000 SF (100 M²) **PREP/MASTER® JR.**

The **Prep/Master® Jr.** grinder by STI works extremely well in small, hard-to-reach areas that requires a more compact design — perfect for residential garage floors.

This grinder is very aggressive, yet extremely easy to operate due to the smooth operation of the STI rotary gear system. In addition, the low price of the Prep/Master Jr. is very affordable and fits any project budget.

PREP/MASTER JR. FEATURES

- 7.5 HP / 220/240V Single phase / 40 Amps
- Working width: 23 inches (58 cm)
- Heavy head pressure for better performance
- Easy disassembly of machine into two sections for quick transportation (*grinding head weight=260 lbs. & handle weight=130 lbs.*)
- Screw-in carrying poles for 2- or 3-person lifting
- Magnetic LED light that attaches anywhere to illuminate front or behind machine on the cutting path
- On-board USB Charger & Phone Carrier

Disassembles into 2 pieces
for easy transportation!



S210E SHOTBLASTER



The IMPACTS S210E 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, small areas inherent on large projects, and where limited access work areas are in need of a profiled surface.

| | Specifications | |
|-------------------|------------------|----------------------|
| | STANDARD | METRIC |
| Blasting Power | 3 HP | 2.3 KW |
| Travel Speed | Manual | Manual |
| Power Supply | 110 V/60 Hz, 16A | 230 V/50 Hz, 16A |
| Working Width | 8.25 in. | 210 mm |
| Blasting Capacity | 430 SF/hr | 40m ² /hr |
| Lmin., Lmax. x W | 35, 41x x11.6 x | 895, 1045 x 295 |
| x Hmin., Hmax. | 31, 40 in. | x 795, 1030 mm |
| Weight | 100 lbs | 45 kg |

Item #101210002

S210E-40R SHOTBLASTER



The IMPACTS S210E-40R is a very powerful, but compact and light weight mobile 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.

S210E-40R is specially developed to achieve a high blasting performance on small and medium-sized areas.

| | Specifications | |
|-------------------|---------------------------|---------------------------|
| | STANDARD | METRIC |
| Blasting Power | 5.5 HP | 4.0 KW |
| Travel Speed | Up to 59ft/min | Up to 18m/min |
| Power Supply | 220V/1 Phase 60Hz, 30A | 400V/50Hz, 1 Phase 16A |
| Working Width | 8.25 in. | 210 mm |
| Blasting Capacity | 861 SF/hr | 80m ² /hr |
| Lmin., Lmax. x W | 43x x11.8 x | 1100 x 300 x |
| x Hmin., Hmax. | 39in. | 1000mm |
| Weight | 255 lbs | 114 kg |

Item #101210004

S270E-75R SHOTBLASTER



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.

This model is the only "forward-walking" 10-inch blaster on the market that can also be used as an edger.

| | Specifications | |
|-------------------|--------------------------|-------------------------|
| | STANDARD | METRIC |
| Blasting Power | 10 HP | 4.0 KW |
| Travel Speed | Variable 0-98 ft/min. | Variable 0-30 m/min. |
| Power Supply | 230 V/60 Hz, 35A | 400 V/50 Hz, 16A |
| Working Width | 10.6 in. | 270 mm |
| Blasting Capacity | 1,400 SF/hr | 130m ² /hr |
| Lmin., Lmax. x W | 49 x 15.25 x | 1250 x 390 x |
| x Hmin., Hmax. | 41 in. | 1050mm |
| Weight | 365 lbs | 166 KG |

Item #101270004

SHOTBLASTER ACESORIES

STI Magnet Sweeper 25"



Item # 225000124

- Double layer of permanently charged magnets for a greater magnetic field and maximum lifting power
- Sturdy 8-inch steel hub and ball bearing wheels for durability, easy maneuvering, and easy pushing
- 25-inch width covers a large area quickly
- Rugged Durability
- All moving parts are protected by nylon flange bushings and reduce wear and extend sweeper life
- Rugged 3-piece handle
- Maximum lifting height 5 3/4 in. (using a two and a half inch nail)
- Welded design for extra durability and long life
- Stands up on its own when not in use

STI Handheld Magnet



Item # 227100071

STI Handheld Magnet provide an effective and rapid means of lifting small iron and steel parts from stock bins, boxes, kegs, tables, or floor. Smooth, uninterrupted side surfaces allow fast, easy burrowing into loose materials.

A fingertip pull on the release bar drops the load. The standard units have a nylon lower case. A stainless steel lower case is available for hot or very abrasive material.

Pickup capacity: Up to 3 lbs.

S320E SHOTBLASTER



Item #101320001

As a welcome addition to the IMPACTS Streamer series of equipment, the S320 is a powerhouse in a small package.

At 12.5 inches and 15HP, the S320 Streamer will outblast comparably-sized and priced blasting machines. The most ideal application for this model is the aggressive removal of coatings on large surface preparation projects.

| | Specifications | |
|---------------------------------|-----------------------|-----------------------|
| | STANDARD | METRIC |
| Blasting Power | 15 HP | 11 KW |
| Travel Speed | Variable 0-98 ft/min. | Variable 0-30 m/min. |
| Power Supply | 480 V/60 Hz, 32A | 400 V/50 Hz, 32A |
| Working Width | 12.6 in. | 320 mm |
| Blasting Capacity | 2,153 SF/hr | 200m ² /hr |
| Lmin., Lmax. x W x Hmin., Hmax. | 71 x 18 x 39.5 in. | 1800 x 450 x 1000mm |
| Weight | 705 lbs | 320 KG |

S410E SHOTBLASTER



Item #101410001

The S410E Streamer 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.

| | Specifications | |
|---------------------------------|------------------------|-----------------------|
| | STANDARD | METRIC |
| Blasting Power | 24 HP | 15 KW |
| Travel Speed | Variable 0-125 ft/min. | Variable 0-38 m/min. |
| Power Supply | 480 V/50 Hz, 63A | 400 V/50 Hz, 63A CEE |
| Working Width | 16 in. | 405 mm |
| Blasting Capacity | 2,800 SF/hr | 260m ² /hr |
| Lmin., Lmax. x W x Hmin., Hmax. | 73 x 21 x 41 in. | 1850 x 540 x 1050mm |
| Weight | 1,076 lbs | 488 kg |

S600E SHOTBLASTER



Item #101600001

The S600E Streamer Shot Blaster 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.

| | Specifications | |
|---------------------------------|------------------------|-----------------------|
| | STANDARD | METRIC |
| Blasting Power | 30 HP | 22 KW |
| Travel Speed | Variable 0-124 ft/min. | Variable 0-38 m/min. |
| Power Supply | 480 V/50 Hz, 63A | 400 V/50 Hz, 63A CEE |
| Working Width | 23.6 in. | 600 mm |
| Blasting Capacity | 4,000 SF/hr | 400m ² /hr |
| Lmin., Lmax. x W x Hmin., Hmax. | 73 x 29 x 41 in. | 1855 x 745 x 1050mm |
| Weight | 1,157 lbs | 525 kg |

DUST COLLECTORS

Dustcom 3324

The dust collector Dustcom 3324 from IMPACTS is an extremely powerful dust collector to be used together with medium size to larger surface preparation equipment. These new innovative details give optimized handling performance on the job site:



Item # 104000015

- 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
- Electro-pneumatic compressor regulations

Dustcom 4025

The dust collector Dustcom 4025 from IMPACTS is an extremely powerful dust collector to be used together with medium size to larger surface preparation equipment. These new innovative details give optimized handling performance on the job site:



Item # 104000007

- 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
- Electro-pneumatic compressor regulations
- Can be split into two units
- Automatic Cleaning System
- Lifting Locks for easy transportation

To complete
your system,
continue here.

Concrete Prep

Concrete Prep

con•crete prep (kän krēt' prep), **n.**
surface grinding, removal of mastic,
adhesives, thin set, epoxy coatings,
surface laitance, and surface correction
of rain slabs

CHOOSE YOUR PROFILE OBJECTIVE

Super Fast Removal
with Rough Profile

**STI
Concrete
Prep**

Productive Removal
with Smooth Profile for
polishing or installation of
floor material

Your Prep/Master® achieves the most efficient, effective, and profitable performance by choosing the tools below.

All EG tools on this page are built with the patented EG Quick Change System (Patent 8,192,255).

#00 EG PREP TOOL





Surface Profile Cross Section (+ or - 1mm)

- One set of Double PCD EG Prep Tools consists of 50% right-hand tools and 50% left-hand tools
- EG-backed Double PCD and Diamond Sweep

Item #571603418 #00R - Right-hand Tool
 Item #571603412 #00L - Left-hand Tool

#0 PREP TOOL




Surface Profile Cross Section (+ or -.5mm)

- 3"/8mm EG-backed Metal Bond Diamond

Item #540242000 #0S - Soft Bond
 Item #540243000 #0 - Standard Bond
 Item #571522325 #0H - Hard Bond
 Item #571522326 Super Hard Bond

| Number of Diamonds Needed for EACH Step | Machine Model | See Page |
|---|---------------|----------|
| 6 | STI-2807 | 2 |
| 6 | STI-2818LP | 3 |
| 12 | STI-2420 | 4 |
| 12 | STI-2418LP | 5 |
| 12 | STI-3030 | 6 |
| 12 | STI-3038LP | 7 |
| 24 | STI-4430 | 8 |
| 24 | STI-4438LP | 9 |

To complete
your system,
continue here.

Concrete Polishing

Polished Concrete

pol·ished con·crete (päl'-isht kän-krēt'),
n. a concrete surface that has been
processed using progressively finer grits
to produce a reflective condition

CHOOSE YOUR METHOD

Dry Process

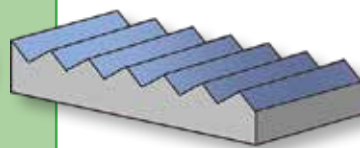
EGT



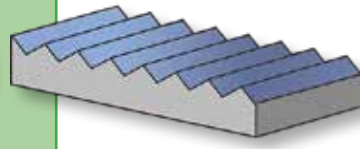
SURFACE PROFILE

Dry Steps Only

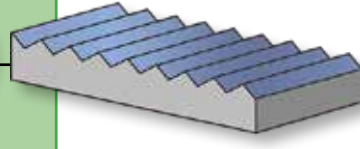
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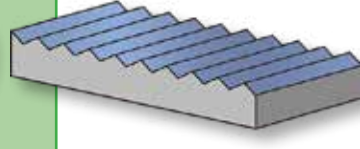
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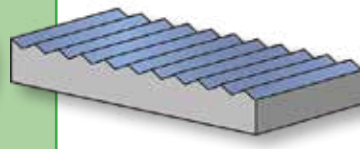
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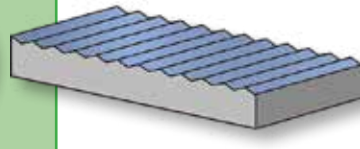
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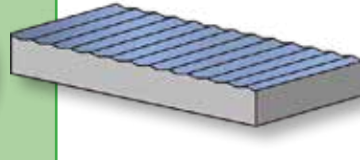
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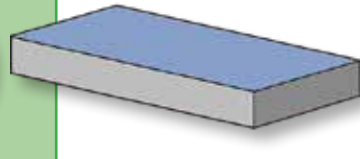
EGT#6 - 540800006



EGT#7 - 540800007



EGT#8 - 540800008



Your Prep/Master[®] achieves the most efficient, effective, and profitable performance by choosing the tools below.

All EGT tools on this page are built with the patented EG Quick Change System (Patent 8,192,255).



| <i>Number of Diamonds Needed for EACH Step</i> | <i>Machine Model</i> | <i>See Page</i> |
|--|----------------------|-----------------|
| 6 | STI-2807 | 2 |
| 6 | STI-2818LP | 3 |
| 12 | STI-2420 | 4 |
| 12 | STI-2418LP | 5 |
| 12 | STI-3030 | 6 |
| 12 | STI-3038LP | 7 |
| 24 | STI-4430 | 8 |
| 24 | STI-4438LP | 9 |

To complete
your system,
continue here.

Concrete Polishing

STI Classic Polish

sti cla•ssic pol•ish (es-tē-ī klas'-ik päl'-ish),
n. a grinding and polishing system that
is result driven to adequately process and
finely polish a concrete floor to its highest
possible shine

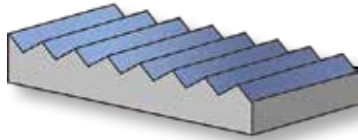
FOR A HIGH GLOSS SHINE

Dry-Wet-Dry Process

CLC



SURFACE PROFILE

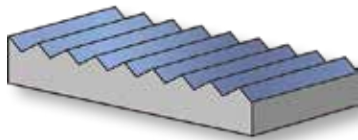


CLC#1 - 530400001



Dry Step

CLC#2 - 530700002

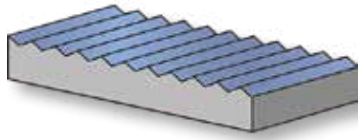


Wet Steps

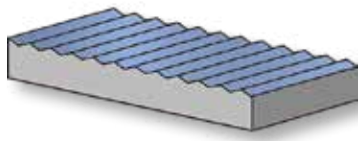
CLC#3 - 530746003



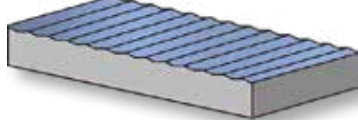
CLC#4 - 530752004



CLC#5 - 530860005



CLC#6 - 530870006



CLC#7 - 530880007



Dry Steps

Your Prep/Master® achieves the most efficient, effective, and profitable performance by choosing the tools below.

All EGT tools on this page are built with the patented EG Quick Change System (Patent 8,192,255).

| Number of Diamonds Needed for EACH Step | Machine Model | See Page |
|---|---------------|----------|
| 6 | STI-2807 | 2 |
| 6 | STI-2818LP | 3 |
| 12 | STI-2420 | 4 |
| 12 | STI-2418LP | 5 |
| 12 | STI-3030 | 6 |
| 12 | STI-3038LP | 7 |
| 24 | STI-4430 | 8 |
| 24 | STI-4438LP | 9 |

To complete
your system,
continue here.

Concrete Polishing

STI PLP Polishing System

sti plp pol·ishing system

(es-tē-ī pē-el-pē päl'-ish-ing),

n. a grinding and polishing system that
is result driven to adequately process
and finely polish a concrete floor to its
highest possible shine

FOR PREP TO POLISH

Dry Process

PLP



SURFACE PROFILE

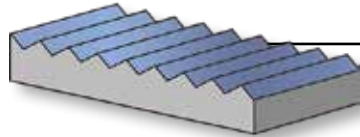


PLP#1 - 585400001



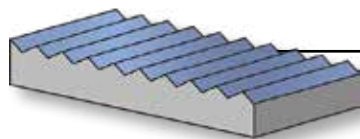
1

PLP#2 - 585400002



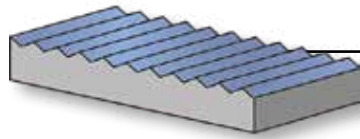
2

PLP#3 - 585400003



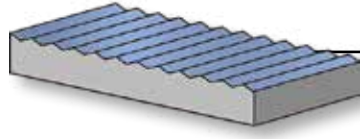
3

PLP#4 - 585400004



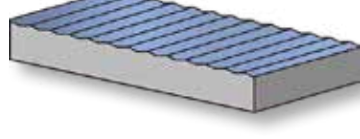
4

PLP#5 - 585400005



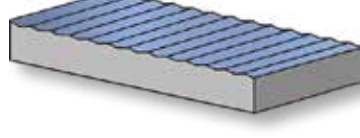
5

PLP#6 - 585400006



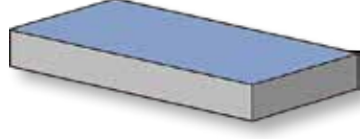
6

PLP#7 - 585400007



7

PLP#8 - 585400008



8

PLP#9 - 585400009



9

Dry Steps Only



Your Planetary machine achieves the most efficient, effective, and profitable performance by choosing the tools below.

All PLP tools on this page are built with the patented EG Quick Change System (Patent 8,192,255).

See page 22 for STI Planetary Machines.

650mm-750mm Machines

| | |
|------------------|----------|
| Steps #1 thru #4 | 9 tools |
| Step #5 | 12 tools |
| Steps #6 thru #9 | 9 tools |

750mm-800mm Machines

| | |
|------------------|----------|
| Steps #1 thru #4 | 12 tools |
| Step #5 | 18 tools |
| Steps #6 thru #9 | 12 tools |

800mm Machines & Above

| | |
|------------------|----------|
| Steps #1 thru #4 | 12 tools |
| Step #5 | 18 tools |
| Steps #6 thru #9 | 12 tools |

To complete
your system,
continue here.

Terrazzo

Terrazzo Polishing

te•rra•zzo pol•ish•ing

(te-raz'ō päl'ish-ing),

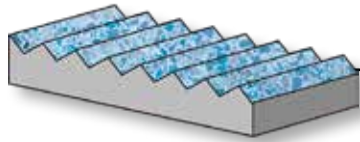
n. the grinding and polishing of new epoxy terrazzo from first cut to final polish to produce the highest possible natural shine

FOR PREP TO POLISH

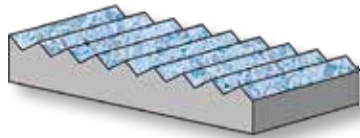
Dry-Wet Process

TPS

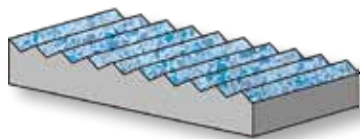
SURFACE PROFILE



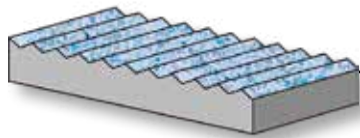
TPS#1 - 640900001



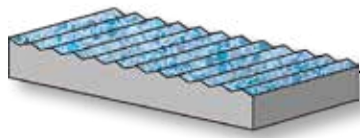
TPS#2 - 640900002



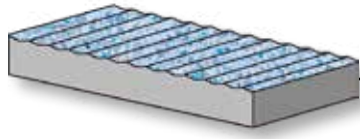
TPS#3 - 640900003



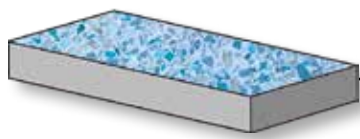
TPS#4 - 640900004



TPS#5 - 640900005



TPS#6 - 640900006



TPS#7 - 640900007



Dry Steps

Wet Steps

Your Prep/Master® achieves the most efficient, effective, and profitable performance by choosing the tools below.

All EGT tools on this page are built with the patented EG Quick Change System (Patent 8,192,255).



For EG Grout Pans, see page 32.

| Number of Diamonds Needed for EACH Step | Machine Model | See Page |
|---|---------------|----------|
|---|---------------|----------|

| | | |
|----|------------|---|
| 6 | STI-2807 | 2 |
| 6 | STI-2818LP | 3 |
| 12 | STI-2420 | 4 |
| 12 | STI-2418LP | 5 |
| 12 | STI-3030 | 6 |
| 12 | STI-3038LP | 7 |
| 24 | STI-4430 | 8 |
| 24 | STI-4438LP | 9 |

STI EDGER



PREP/MASTER PM200

Introducing the STI Edge Grinder and Polisher!

- Works great on Concrete, Terrazzo, Marble, & Granite
- Gets up to 1/8 inch to the edge
- Electronic ignition
- Run wet or dry

Item # 102000016

| | |
|-------------------------------|---|
| <i>Power Source</i> | 220/230 VAC 1 or 3 Phase - 50/60Hz 380/480 VAC 3 Phase - 50/60Hz |
| <i>Power Cord</i> | 25ft./8m (6-4) |
| <i>Vacuum Hose Connection</i> | 2in./50mm |
| <i>Weight</i> | 120 lbs./55Kg |
| <i>Total RPM</i> | 1,000 to 2,000 Variable |
| <i>Tool Attachment Style</i> | EG Patented System |
| <i>Dimensions</i> | 20.5"W x 36-40"H x 36-37"L 52cm W x 91-101cm H x 91-94cm L |
| <i>Recommended Vacuum</i> | 2003P or equivalent |

There are three types of tools for the PM200: EG metal bonds, resin dots, and MG pad dots.

Use three tools per set of metal tools, and one each of the remaining pads per set. This system is designed and matched to be used in sequence with no steps being skipped.

PM200 TOOLS & ACCESSORIES



3 Oval Segment Tools

- Metal bond tools
- Size: 3 in.
- EG attachment
- Available in three grits
- Requires three tools per set

| Grit | Item # |
|------|-----------|
| 30 | 571403030 |
| 50 | 571403050 |
| 80 | 571403080 |



CASH Dots

- Size: 9¼ in.
- Velcro backing
- Resin dots
- Available in three grits

| Grit | Item # |
|------|-----------|
| 50 | 349140050 |
| 100 | 349140100 |
| 200 | 349140200 |



MG Pads

- Size: 9¼ in.
- Use dry only
- Available in four grits

| Grit | Item # |
|------|-----------|
| #1 | 349140400 |
| #2 | 349140800 |
| #3 | 349141500 |
| #4 | 349143000 |

Magnetic Plate

- Size: 9¼ in.
- EG slots to hold three 3-Oval-Segment Tools
- Use magnets to attach Velcro Plate

Item #820040914



Velcro Plate

- Size: 9¼ in.
- Male Velcro backing for attaching polishing pads
- Three pins to line up with Magnetic Plate

Item #820030914





17" or 20" SWING MACHINE

Perfect for the restoration and maintenance of marble, tile, terrazzo, stone, & concrete. Can also be used for standard floor scrubbing, stripping, & polishing applications.

- Planetary steel helical-cut gear drive for superior reliability
- 1.5 HP / 120V
- Dual Electric Motor: 175 & 300 RPM
- 4 gal (15 liter) water tank
- Useful for grinding, polishing, & polishing compound application
- Additional weights available
- Steel brush covers are strong and durable
- UL / CUL-Approved for safety assurance



17" Swing Machine Item #364590020

20" Swing Machine Item #364590017

SWING MACHINE ACCESSORIES

Diamond Disc Driver

- Round plate that accommodates six rubber pad holders or prep tools
- High impact polyethylene construction
- Universal mounting arbor for twist-lock attachment



17" Disc Driver Item #ZRML17

20" Disc Driver Item #ZRML20

Pad Driver

- Round spike plate that accommodates fiber pads for polishing and scrubbing
- High impact polyethylene construction
- Universal mounting arbor for twist-lock attachment



17" Pad Driver Item #789217921

20" Pad Driver Item #789220922

Hawk 20 Gallon Wet Dry Vac



- 2 HP (1.5kW) 2-stage heavy duty bypass motor
- 115V, 60 Hz
- An automatic liquid shut-off prevents motor flooding with foam or solution
- Comes standard with adjustable front-mount squeegee and dry application accessories
- Kit contains one (1) acid /mildew-resistant, non-pleated washable synthetic cloth dust bag
- Quiet operation – 78 dB. Meets GS42 standard.

Item #364117020



Dry Attachment Kit included

3003AR DUST COLLECTOR & ACCESORIES



| | |
|------------------------------|--|
| Power (3 motors) | 3 x 1.3HP (4kW) |
| Power Supply | 115V/60Hz, 1.8A |
| Depression Rate (Water Lift) | 7.4 ft H ₂ O (2250mm) |
| Max. Air Flow Rate | 300 CFM (510 m ³ /h) |
| Noise level | 76 dB (A) |
| Filter type | Polyester M |
| Filter surface | 29,100 cm ² |
| Suction Inlet Diameter | 2-in. (50 mm) |
| Capacity | Longopac |
| Weight | 186 lbs. (84 kg) |
| Dimensions | 32 x 26 x 61 in. (80 x 66 x 155 cm) |



The Prep/Master® 3003AR is an industrial vacuum cleaner equipped with large surface cartridge filters which are constantly and frequently cleaned by means of powerful jets of compressed air. Reverse pulse filter cleaning is the most efficient system when vacuuming fine and toxic silica dust, especially when used on continuous duty or to collect large volumes of dust particles.

Item # 104000033



PPM It's a System Not a Machine

Wand & Floor Tool

- For quick & easy clean-up
- Sturdy metal materials
- Wand 48" Long, 2" diameter, single bend, chrome body
- Floor tool with rollers: 18" width
- Gap between floor tool & surface is adjustable
- Brushes & Squeegees are replaceable

| | |
|-----------------|-----------|
| Wand | 104000030 |
| Floor Tool | 104700030 |
| Bristle Refill | 104700032 |
| Squeegee Refill | 104700034 |

Longopac

PPM It's a System Not a Machine



Item# 204000277



VON ARX PROFILERS, SCARIFIERS, & NEEDLE SCALERS

VON ARX 30 SH WITH HYDRAULIC TRACTION



- Electrical power: 3x 480V / 60Hz
- Motor: 10HP
- Working width: 12"
- Distance to wall: 3.5"
- Dimensions: 53" X 22" X 43"
- Weight: 612 lbs.
- Standard Cutters: Octagonal Cutters or other available

Item #707199

VON ARX 25 S



- Electrical power: 3x 480V/60Hz
- Motor: 6 HP
- Working width: 10"
- Distance to wall: 2.5"
- Dimensions: 37" X 18" X 46"
- Weight: 220 lbs. /
- Standard Cutters: Pentagonal Cutters or other available

Item #706360

VON ARX DTF 25 SH



- Electrical power: 3x 480V/60Hz or 3x 240V/60Hz
- Motor: 15HP
- Working width: 10"
- Distance to wall: 3"/76mm
- Dimensions: 45" X 19" X 45"
- Weight: 473 lbs.
- Standard Cutters: Diamond blade drum

480V: Item #708701

PREP/MASTER® 45B



- Weight: 10.6 lbs.
- Air consumption: 5.6 cfm
- Needles \varnothing 3mm: 49 needles
- Air pressure: 100 psi
- Connection thread: R 3/8"
- Acoustic power level: 101 dB

Item #700409

View the Von Arx full product line at vonarx.com.

STI TOOL HOLDERS

STI EDGE PLATE

- Holds all STI tooling & diamonds
- Cuts within 1/2 inch from edge
- Covers more SF/M² than tool plate
- Eliminates the need for hand-grinding to finish edges!
- Fits our most popular Prep/Master® models: 2807 & 3030
- Must use adapter with 3030 Edge Plate to clear gear box lip



| Fits Machines | Item # |
|----------------------------------|-----------|
| Edge Plate for STI-2807 | 885002807 |
| Edge Plate for STI-3030 | 885003030 |
| 7-3/8" x 1" Adapter for STI-3030 | 885000738 |

STI TOOL PLATE

- Holds all STI tooling & diamonds
- Gives the flattest possible floor finish
- Standard for 2420 & 4430
- Also, fits 2807 & 3030



| Fits Machines | Item # |
|---------------|-----------|
| 2420 & 4430 | 884024443 |
| 2807 & 3030 | 884028303 |

EG ADAPTER PLATE – "QUICK CHANGE"

- Attaches to modified STI Tool Plate for after market assembly
- Designed for use with the EG Metal Bond Diamond & EG Adapter-Velcro
- Mounts using 2 bolts (included)



Item #570000014

MORFLEX COUPLER

- Provides flexibility for the tools to follow the contour of the floor
- Good replacement part to have on hand for less downtime



| Size | Item # |
|------------------------------|-----------|
| 502 - Standard Flex | 880000502 |
| 602 - Standard Flex | 880000602 |
| 702 - Rigid for flattest cut | 880000702 |

E/Z BACKERS

- Bolts to E/Z plug holder
- Velcro backing securely holds diamond pads in place
- Velcro backing allows for fast and easy diamond pad replacement

Aluminum Milled Holder

- Aluminum backer with machined 5/8"-11 arbor

Rubber Holder

- Rubber backer with 5/8"-11 arbor

Bakelite Holder

- Hot-pressed rigid bakelite with 5/8"-11 arbor

| Holder | Size | Item # |
|----------|------|-----------|
| Aluminum | 3" | 803000001 |
| Aluminum | 4" | 804000001 |
| Bakelite | 3" | 803000002 |
| Bakelite | 4" | 804000002 |
| Rubber | 3" | 803000003 |
| Rubber | 4" | 804000003 |



EG-QUICK CHANGE ADAPTERS



10 SEGMENT ADAPTER FOR QUICK CHANGE

- Adapter allows for 10S tools to be quickly changed without hardware

Item #570001057



EG ADAPTER – "VELCRO"

- 3 inch diameter
- Female adapter for quick change
- For use with EG Resin Insert

Item #570000031



EG RESIN INSERT

- 3 inch diameter
- Extra support secures tool to velcro head
- Grooved side fits into EG Adapter-Velcro & EG Adapter-Three Hole

Item #570000026

EG-QUICK CHANGE DIAMONDS & TOOLS

EG Quick Change "How it Works"



EG TURBO CUP



- Quick Change or E/Z Bolt-n
- Use wet or dry
- Used for first cut/closing cuts on new or existing epoxy/portland terrazzo
- Metal bond diamond for aggressive cutting
- 3"/76mm diameter

Quick Change

| Grit | Item # |
|------|-----------|
| 16 | 572400160 |
| 24 | 572400240 |
| 40 | 572400400 |
| 80 | 572400800 |

E/Z Bolt-on

| Grit | Item # |
|------|-----------|
| 16 | 352400160 |
| 24 | 352400240 |
| 40 | 352400400 |
| 80 | 352400800 |



EG PREP TOOLS FOR REMOVAL

- Fast cutting metal bond tools used to remove epoxy, adhesive, & thin-set
- Great price—variety of styles and grits
- Not recommended when polishing is provided
- Color coded for easy identification
- Quick Change attachment

| Color | Grit | Bond | Item # |
|-----------------|------|---------|-----------|
| Orange | 25 | Medium | 570225300 |
| White | 18 | Medium | 570218200 |
| Black | 25 | Hard | 570225301 |
| Grey | 20 | Hardest | 570220000 |
| Grey (with pin) | 20 | Hardest | 110220000 |



EG SHARK METAL BOND DIAMOND

- 3"/76mm - only size available
- Unique diamond design
- Quick removal of thin-mil coatings
- Quick Change
- Use wet or dry

| Grit | Item # |
|------|--------|
| 80 | 57SK80 |

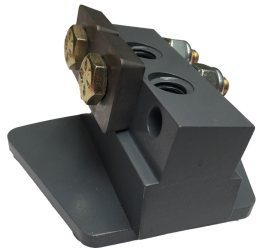


EG 10S DIAMOND SEGMENTS

- Use for opening steps on uncoated concrete
- Excellent scratch pattern for old or new concrete
- Use wet or dry
- 3"/76mm diameter / 6 mm thickness
- EG Quick Change attachment

| Grit | Item # |
|----------------|-----------|
| 16 | 571016000 |
| 30 | 571030000 |
| 30 "Hard Bond" | 571030001 |
| 70 | 571070000 |
| 120 | 571012000 |

EG-QUICK CHANGE DIAMONDS & TOOLS



CARBIDE BLOCK TOOL WITH QUICK CHANGE ASSEMBLY

STI EG Carbide Cutters For Adhesive Removal

****Carbide cutters Sold Separately**

Carbide Cutters attached to a trap style tool with STI EG quick change backing to fit PrepMaster machines. With a PrepMaster rotary style machine, equal number of "right" and "left" rotation tools are needed.

Carpet adhesive can be pretty stingy to remove if it's thick and somewhat fresh. Diamond segments and sand can be used, but carbide slicers are often the better choice.

Like a blade, the carbide edge pushes the soft glue from the surface of the concrete. A diamond segment wants to drag the glue and partially redeposits it.

Yellow glue is latex-based. That means water will soften it and keep friction heat from clogging the blades and slowing production. Black glue is petroleum-based. Water won't do anything to soften the glue, but it will keep the glue from getting hot and turning sticky.

| Item# | Description |
|-----------|---|
| 573202001 | Carbide Block Quick Change Assembly - Right |
| 573202002 | Carbide Block Quick Change Assembly - Left |
| CRBD-SQ | Square Carbide |

STI BUSH HAMMER

Concrete Surface Prep



The STI Bush Hammers are aggressive profiling tools and are 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.

Item # 249128503

****ONLY FOR USE WITH THE PM JR, 28 & 30 PREP MASTERS****

- Aggressive profiling tool
- Provides CSP 4 to CSP 5 profile
- Creates slip-resistant finish on concrete, granite, and marble
- Long lasting tool – 15,000 SF (1,500 m²)
- Breaks down the surface that standard diamonds can't touch
- Comes with four bolts to attach to any tool plate

DUAL SEG TOOL FOR REMOVAL

Dual Segment Red Traps For Prep Master Junior

Item # 571930201



- For Removal and Coatings Prep
- Fast cutting metal bond tool used to remove epoxy, adhesive, & thin-set
- Great price
- Not recommended when polishing is provided
- EG "Quick Change" attachment
- To prep HARD troweled Floors
- Removes Cure & Seal

Brazed Diamond Cove Wheel

- » Radiused edge polishes cove on epoxy and portland based terrazzo
- » Available in 3/4" and 1" Radius
- » Available in aggressive & fine grit
- » Water openings in face for even water distribution to work surface



| Size | Grit | Item # |
|------|--------|-----------|
| 3/4" | 25/35 | 950342535 |
| 3/4" | 80/100 | 950348010 |
| 1" | 25/35 | 950012535 |
| 1" | 80/100 | 950018010 |

EG Daisies



- » 3"/76mm Metal Bond diamond
- » Great for polishing preparation on concrete, granite, and terrazzo
- » Sintered diamond technology for smooth cut
- » Wet use only

| Grit | Item # |
|------|-----------|
| 30 | 570430000 |
| 50 | 570450000 |
| 70 | 570470000 |
| 120 | 570412000 |



The New Terrazzo+ Pads

Why am I paying more for the New Terrazzo+ Diamond Pads?

| | NEW Terrazzo+ Pad | The Old Pad |
|-----------------------------|----------------------------------|----------------------------------|
| Price (each) | \$34.85 USD | \$29.90 USD |
| Average Life | 15,000 SF / 1500 M ² | 10,000 SF / 1000 M ² |
| *Cost per SF/M ² | \$.028 SF / \$.28 M ² | \$.036 SF / \$.36 M ² |

**Assumes a 12-tool Prep/Master® machine is being used.*

Because the Terrazzo+ is...

- 1. PACKED WITH MORE DIAMONDS:** There are 70% more diamond and abrasives than the old style Terrazzo pad — 37 grams extra to be exact!
- 2. MORE DENSE:** The pad was designed using high pressure molding to compress more diamond powder and abrasives into the pad, yet keep the same 8mm thickness our customers prefer!
- 3. COVERS MORE SQUARE FOOTAGE:** The combination of high-pressure molding and increased quantity of diamond powders makes the Terrazzo+ Pad the longest lasting, fastest cutting resin that STI offers!
- 4. SAVES YOU MONEY!!** MORE coverage at a lower cost per SF/M²! (See chart above.)

Unique Features:

- Self Opening Profile
- Unique "Marking interlayer" which changes the color of the slurry when pad is consumed
- Cloth Tab makes it easy to remove the tool from the velcro holder

All this value is packed into a tool that some may call expensive. Except that this tool is a better value than one of our best selling product lines.

Call your STI dealer today at +1.815.941.4800 to find out how to order the new Terrazzo+ Pads you should be using!

With the above to consider, would you still say that you are paying more?

POLISHING PADS



TERRAZZO+ PADS

- For wet polishing epoxy- and portland-based terrazzo and stone
- 70% more diamond and abrasives than the old style terrazzo pad
- 3"/76mm diameter / 8mm thickness
- Self Opening Profile
- Unique "marking interlayer" which changes the color of the slurry when pad is consumed
- Cloth tab makes it easy to remove the tool from the velcro holder

| Grit | Item # |
|------|-----------|
| 50 | 392200050 |
| 100 | 392200100 |
| 200 | 392200200 |



STI TERRAZZO PADS

- For wet polishing epoxy- and portland-based terrazzo and stone
- Use as first cut tool on new, unsealed concrete, closing step, & first step of restoration
- Specialized matrix for aggressive cut with fine scratch pattern
- Cloth tab (like the Terrazzo+) makes it easy to remove the tool from the velcro holder
- 3"/76mm diameter: 8 mm
- 4 3/4" & 5 3/4" diameters: 3 mm
- No center hole on 3"/76mm size eliminates collection of debris & spent

| Grit | 3 in.-Item# |
|------|-------------|
| 50 | 920000050 |
| 100 | 920000100 |
| 200 | 920000200 |



STI E/Z REDZ PADS

- For wet polishing epoxy- and portland-based terrazzo & stone
- Used for closing/polishing steps
- 3"/76mm diameter / 8mm thickness
- No center hole eliminates collection of debris and spent diamonds

| Grit | Item # |
|------|-----------|
| 100 | 918000100 |
| 200 | 918000200 |
| 400 | 918000400 |
| 800 | 918000800 |
| 1500 | 918001500 |



TERRAZZO-M PADS

- Same great performance as STI's famous "Terrazzos," but cost just under \$10 each
- Same price of the "knock-off" brands, but you get top STI quality!
- Use as first cut or scratch remover
- Available in 50, 100, 200 & 400 grits
- 3-inch diameter, 3mm, Velcro backed
- Run wet only
- Use on P/M Machine or planetary

| Grit | Item # |
|------|-----------|
| 50 | 403000050 |
| 100 | 403000100 |
| 200 | 403000200 |
| 400 | 403000400 |



FL-07 POLISHING PADS

- 5-step process
- Specially formulated for concrete — ground with metal bond diamonds for the absolute best finish, OR use the LUX pad as a finishing tool for that extra "POP!"
- Fantastic life of 10,000 SF
- Works on the Prep/Master[®], Planetary Machines, Terrco[®] Machines, EDCO[®], Swing Machines, and Werkmaster[®]

| Grit | Item # |
|------|-----------|
| #3C | 207000003 |
| #4C | 207000004 |
| #5 | 207000005 |
| #6 | 207000006 |
| #7 | 207000007 |
| #8 | 207000008 |
| #LUX | 207000009 |
| #SBX | 207000010 |



CERAMIC PADS

- 3"/76mm velcro-backed pads
- Thorough scratch removal on medium strength concrete
- Dry use only

| Grit | Item # |
|------|-----------|
| 50 | 113523050 |
| 100 | 113523100 |

CASH PADS & Granilux Dots



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

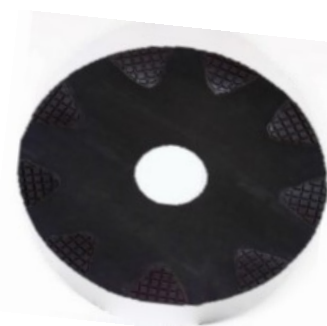
| | |
|-----------|-----------|
| 50 grit | 315070050 |
| 100 grit | 315070100 |
| 200 grit | 315070200 |
| 400 grit | 315070400 |
| 800 grit | 315070800 |
| 1500 grit | 315071500 |
| 3000 grit | 315073000 |

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 |



SPIN-1 PADS



The new 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

See Item# to right

21-inch / 533mm

| | |
|-------------|-----------|
| Orange Grit | 605330400 |
| Silver Grit | 605330800 |
| Blue Grit | 605331500 |
| Red Grit | 605333000 |
| Black Grit | 605339999 |

27-inch / 685mm

| | |
|-------------|-----------|
| Orange Grit | 606850400 |
| Silver Grit | 606850800 |
| Blue Grit | 606851500 |
| Red Grit | 606853000 |
| Black Grit | 606859999 |

HAND GRINDING TOOLS



STI-7" RING-TYPE POLISHING PADS

- Works wet or dry
- For use with any variable speed 7" grinder

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



STI-7" FULL FACE POLISHING PADS

- Works wet or dry
- For use with any variable speed 7" grinder

| Grit | Item# |
|------|-----------|
| 35 | 763000035 |
| 50 | 763000050 |
| 100 | 763000100 |
| 200 | 763000200 |
| 400 | 763000400 |
| 800 | 763000800 |
| 1500 | 763001500 |

CASH 7" PADS



- For low-speed hand-polishers
- Great for Marble, concrete or terrazzo
- All the great finish of the CASH system in a smaller size

| Grit | Item# |
|------|-----------|
| #1 | 330070001 |
| #2 | 330070002 |
| #3 | 330070003 |



5" RAZOR PADS, CERAMIC

| | |
|----|-----------|
| C1 | 630050001 |
| C2 | 630050002 |
| C3 | 630050003 |
| C4 | 630050004 |

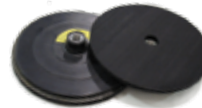
STI-7" RUBBER HOLDER



- Rubber backer with velcro to hold 7" Ring Type or Full Face Polishing Pads

Item #807000003

STI-7" RIGID HOLDER



- Bakelite backer with velcro to hold 7" Ring Type or Full Face Polishing Pads

Item #807000002

GROUT PANS



EG GROUT PANS

The rotary action of the Prep/Master® pushes the epoxy into the holes from multiple directions to push air out and fill in the holes!

- Fills the pin holes in terrazzo more thoroughly than the conventional way of hand troweling & buffing the epoxy into the holes
- Use on P/M machine or other rotary machines
- Velcro-backed for easy tool change
- Lasts over 10,000SF / 929 M²

Item #640900035

CUP WHEELS



SHARK 7-INCH/180MM CUP WHEEL

- Unique diamond design
- Quick removal of epoxy or mortar
- Fast cut on hard concrete
- 7/8", Non-threaded arbor
- 30 grit

Item #: GS7CW

POLISHING COMPOUND, SEALERS, & CLEANERS

PLEASE NOTE:

All chemicals listed on this page are non-stocking items. They will be shipped using ground transport service only. NO air shipments are available for these chemicals.



E/Z POLISH



- Ready-mixed polishing paste
- For polishing marble, limestone and terrazzo
- Aids in water and stain resistance
- Increases density of surface
- Ideal for maintenance program
- Easy-to-use, non-etching, non-noxious odor
- Easy clean-up
- Available in 10 lb. and 25 lb. containers

Item #380600010 10 lb.

Item #380600025 25 lb.



E/Z SEAL



- Transparent, water and oil resistant treatment
- Impregnates and seals marble, terrazzo, concrete, grout joints and all natural stone surfaces
- Formulated to protect interior and exterior surfaces
- Protects against water and oil
- Special formulation allows for excellent surface breathability
- Coverage ranges from 750 to 1250 sq. ft. per gallon on polished surface
- Porous surfaces may need two applications
- Easy clean-up

Item #380400004 4 gal. Case

Item #380400005 5 gal.



E/Z SEAL PLUS



- All the benefits of E/Z Seal with an added enhancer for richer color

Item #380500004 4 gal. Case

Item #380500005 5 gal.



PG2



- The second of two hardening agents used to ensure a long-lasting surface gloss
- Used also as primary maintenance product in automatic equipment or stand-alone product for swing machine
- Available in three-sized containers

Item #380310024 4 gal. Case

Item #380310025 5 gal.

Item #380310255 55 gal.



ULTIMATE BLACK

- Produces that extra depth and color that is wanted on black stone or high shine on other colors
- Neutral, non-detergent cleaner
- Available in one quart containers

Item #380900001 1 quart



ONE STEP

- A "one component" granite polish
- May be used to polish any color granite
- Works with regular steel wool pads on a 175 to 300 RPM buffing machine

Item #380119001 1 quart

Item #380119006 6-qt. Case

SLURRY SLAYER™

... is a concrete slurry management program that was developed by an actual contractor who works in the contracting field every day.

Slurry Slayer™ consists of two products - Slurry Slayer™ Solidifier™ and Purifier™ - that can be used individually or together.

- CONTAINS NO FILLERS to add weight.
- Reacts quicker and with less material when compared to competitors' products.
- Turns concrete slurry into a nonhazardous, landfill-accepted solid.

Slurry Slayer™ works in conjunction with your EPA required "Best Management Practice" plan for handling concrete slurry.

Item #381919055 - 55 lbs.

Item #381919205 - Super Sack 2,205 lbs. (special order)

Slurry Slayer™

Solidifier™

CURRENTLY USED FOR:

- Concrete Grinding and Polishing
- Concrete Saw Cutting and Drilling
- Concrete Rinse Out Areas
- Stone Restoration

"Developed by Contractors for Contractors"





Granite



Marble

Substrate Technology, Inc.
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Morris, Illinois 60450

+1.815.941.4800
Fax +1.815.941.4600

It's a System



Not a Machine



Service • Support • Success

www.substratetechnology.com