



Service • Support • Success

STI PRODUCT CATALOG

U.S. Standard & Metric Measurements



It's a System



Not a Machine



About Substrate Technology, Inc.

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





Service • Support • Success

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STI-2807 Prep/Master®

2,000 SF/186m²

It's a System



Not a Machine



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Specifications

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P/M Diamond Systems for the STI-2807



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Concrete
 Prep pg.
 12-13

Polished
 Concrete
 pg. 14-19

Terrazzo
 Polishing
 pg. 20-21

STI-2420 Prep/Master®

Bda Wwf e[Wgb fa 5,000 SF/465m²

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It's a System



Not a Machine



Specifications

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Production Rates

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P/M Diamond Systems for the STI-2420




**Concrete
Prep pg.
12-13**

**Polished
Concrete
pg. 14-19**

**Terrazzo
Polishing
pg. 20-21**

STI-2418LP Prep/Master®

Best Value for 5,000 SF/465m²

STI® 47DE, 
 Propane Model

It's a System



Not a Machine



Specifications

Weight	1100 lbs (500 kg)
Dimensions (L x W x H)	48" x 24" x 36"
Max. Depth	1/2"
Max. Width	24"
Max. Length	48"
Max. RPM	1800
Max. Torque	100 ft-lbs
Max. Fuel Capacity	1.5 gal
Max. Production Rate	1000 SF/hr
Max. Power	10 HP
Max. Voltage	120V
Max. Amperage	15A
Max. Frequency	60 Hz
Max. RPM	1800
Max. Torque	100 ft-lbs
Max. Fuel Capacity	1.5 gal
Max. Production Rate	1000 SF/hr
Max. Power	10 HP
Max. Voltage	120V
Max. Amperage	15A
Max. Frequency	60 Hz

Production Rates

Concrete Prep	1000 SF/hr
Polished Concrete	1000 SF/hr
Terrazzo Polishing	1000 SF/hr
Grinding	1000 SF/hr

P/M Diamond Systems for the STI-2418LP



**Concrete
Prep pg.
12-13**

**Polished
Concrete
pg. 14-19**

**Terrazzo
Polishing
pg. 20-21**

STI-3030 Prep/Master[®]

Best Value for 10,000 SF/929 m²



STI-3030
 10,000 SF/929 m²

It's a System



Not a Machine



Specifications

Motor	3/4 HP, 115V, 60Hz
Weight	135 lbs (61 kg)
Dimensions	24" x 24" x 24" (610mm x 610mm x 610mm)
Warranty	3 Year
Production Rate	10,000 SF/929 m ²
Applications	Concrete Prep, Polished Concrete, Terrazzo Polishing

Production Rates

Concrete Prep	10,000 SF/929 m ²
Polished Concrete	10,000 SF/929 m ²
Terrazzo Polishing	10,000 SF/929 m ²

P/M Diamond Systems for the STI-3030





STI®

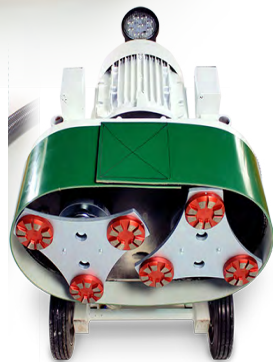
STI Prep Master Junior®

Covers up to 1,000 SF/100 m²

It's a System



Not a Machine



Disassembles into 2 pieces for easy transportation!



Specifications

Weight	35 lbs (16 kg)
Motor	7.5 HP / 220/240V Single phase / 40 Amps
Working width	23 inches (58 cm)
Grinding head pressure	Heavy head pressure for better performance
Disassembly	Easy disassembly of machine into two sections for quick transportation (grinding head weight=260 lbs. & handle weight=130 lbs.)
Lifting	Screw-in carrying poles for 2- or 3-person lifting
Light	Magnetic LED light that attaches anywhere to illuminate front or behind machine on the cutting path
Charger	On-board USB Charger & Phone Carrier

Production Rates

Concrete	100-150 sq ft / hour
Grout	100-150 sq ft / hour
Sealer	100-150 sq ft / hour
Etcher	100-150 sq ft / hour

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



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STI Prep Master Senior®

Bca Wwf e[Vəgb fa 5,000 SF/500 m²

NEW ARRIVAL



It's a System



Not a Machine

GE7E # \$
FAA > E



Specifications

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Production Rates

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Features

- 20 HP / 220/240V Single phase / 40 Amps
- Working width: 27 inches (68 cm)
- Heavy head pressure for better performance
- Carrying poles for 2- or 3-person lifting
- LED light to illuminate the cutting path
- On-board USB Charger & Phone Carrier

L19S7 Electric Grinder



- ✓ 5a_bSUFVWY`S`V`Xa`VST`W`Xb`_`WfzSfUS`TWS`ea`eVb`ScSfW` [fi a b[VWV`XadVbSk` fcd` ebadSf[a` S` V` efacSYVZ`
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- ✓ E`_`b`W`Ua` fda`^`b`S` WZ`
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SPECIFICATIONS	
Horsepower	3hp
Voltage	115 volt 1 Phase
Weight	221 lbs
Grinding Pressure	139 lbs
w/additional weights	176 lbs
Working Width	20"
Heads Rotation	Clockwise
Tool Holder Diameter	3x9"



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L20S7 Electric Grinder



- ✓ >a` YVd`eVd`h[UW`XVb`S` V` V`e`_`S`[fW`S` UWZ`
- ✓ 5a_b`WVWk`dWVd`Y` W`UZS`[Z`Vd`hW` b`S` W`Sck`Vd`hW`
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- ✓ @W` i` WYZ`fe`Xad`SefVd`baef`[a` LZS` YW`
- ✓ DWVd`Y` W`Xb`_`WS`^ai` [Y`VSe`[Vd`faa`^UZS` YVd`
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SPECIFICATIONS	
Horsepower	7.5hp / 5.5 kw
Voltage	200-240V 1 or 3 phase
Weight	518 lbs
Grinding Pressure	242 - 309 lbs
Vacuum Hose Port	50 mm pip
Working Width	20"
Heads Rotation	Counter Clockwise
Tool Holder Diameter	3x9"
Water Tank Capacity	2.1 gallon



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L20GS7 Propane Grinder

NEW SEALED & DUST PROOF GRINDING HEAD



- ✓ >a` YVd`eVd`h[UW`XVb`S` V` V`e`_`S`[fW`S` UWZ`
- ✓ 5a_b`WVWk`dWVd`Y` W`UZS`[Z`Vd`hW` b`S` W`Sck`Vd`hW`
- ✓ @W` efd`a` YVd`f` [Y`TWf`
- ✓ GbYdSVW` eZS`f`e`l`eVb`^e`S` V`TVb`d` Ye`
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- ✓ @W` \$Zb`[WVMS`g`_` [g`_` S`[TWf`Zage`[Y`i` [fZ`TWf` [ebWVUf`a` UahVd`

NEW FRAME DESIGN

- ✓ 4WfVd`Ua` fda`^`VSe`[Vd`faa`^UZS` YVd` S` V` V`e`h`[T`dSf`a` eZ`
- ✓ @W` i` WYZ`fe`Xad`SefVd`baef`[a` LZS` YW`
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- ✓ 7d`a` a`_` [UZS` V`WVd`Y` Xad`SefVd`SV`gef`ST`[f`k` S` V`_`ad`Vbaef`[a` e`
- ✓ DgTTVd`TgeZ` [Y`geW` Sf`ZVb`V` SffSUZ`_`Wf`ba`[fe`Xad`V`e`h`[T`dSf`a` e` Xad`geVd`

SPECIFICATIONS	
Engine	Kawasaki FS481V, 603 cc 18hp/13kw
Engine RPM	2000-3600
Weight	573 lbs
Grinding Pressure	286 - 363 lbs
Propane Tank Capacity	20 lbs
Working Width	20"
Heads Rotation	Counter Clockwise
Tool Holder Diameter	3x9"
Water Tank Capacity	2.1 gallon



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L25S7 Electric Grinder

NEW SEALED & DUST-PROOF GRINDING HEAD

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CONTROL PANEL



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SPECIFICATIONS

Horsepower	10hp / 7.5 kw
Voltage	200-240V 1 or 3 phase
Weight	871 lbs
Grinding Pressure	329 - 514 lbs
Vacuum Hose Port	Camlock E250
Working Width	26.5"
Heads Rotation	Counter Clockwise
Tool Holder RPM	400-1100 rpm
Tool Holders	3x9"
Water Tank Capacity	20L
Cable Length	57 ft



L30GS7 Propane Grinder

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SPECIFICATIONS

Engine	Kohler PCV 740 or Kawasaki FX600V
Engine Capacity	24 hp
Weight	926 lbs
Propane Tank	20 lbs
Vacuum Hose Port	Camlock E300
Working Width	30.8"
Heads Rotation	Counter Clockwise
Tool Holder RPM	425 - 765 rpm
Tool Holders	3x13.2"
Water Tank Capacity	5.2 gallon



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S210E SHOTBLASTER

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- ✓ Working width: 8 in. (210mm)
- ✓ Achieve a high blasting performance for small projects
- ✓ Uses the durable IMPACTS "Side-Force" Liner System with wear-resistance manganese metal
- ✓ Height-adjustable handle
- ✓ 110V
- ✓ Travel speed: manual
- ✓ Recommended dust collector: PM3003AR

SPECIFICATIONS

Blasting Power	3hp
Travel Speed	Manual
Power Supply	110V/ 60Hz 16A
Working Width	8.25"
Blasting Capacity	430 sf per hour
Weight	100 lbs

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S210E-40R SHOTBLASTER

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SPECIFICATIONS

Blasting Power	5.5hp
Travel Speed	up to 50ft per minute
Power Supply	220v 1 Phase 50hz 30A
Working Width	8.25"
Blasting Capacity	861 sf per hour
Weight	255 lbs

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S270E-75R SHOTBLASTER

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- ✓ Abf [[W i WYZf
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- ✓ EWZodabWVW
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- ✓ TVVdž
- ✓ DVLa_ _ WVWVgef La`VUfad B? % " %B

SPECIFICATIONS

Blasting Power	10hp
Travel Speed	Variable 0-98 ft per min
Power Supply	230v 1 Phase 60hz 35A
Working Width	10.6"
Blasting Capacity	1,400 sf per hour
Weight	365 lbs

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S125E HAND HELD SHOTBLASTER

FZW? B35FE EFD73? 7DE# \$ 7 [eSe_ S^ZS` V ZWV eZaf T`Sef] Y _ SUZ[WfZSF [eVdV` W žadS hScfVtk aXZaq] a` fS^ S` V hVfUS`Sbb [USfja` ež

;feLa_ bSUF efd` Y WdV [eVbVUS`k egfST`WadeZafbVW [Y aXe_ S^SdVSea` La` LdVWUdVWV S` VSebZSf Sei WSee_ S^efWV egdSUWž 8adhVf [US`Sbb [USfja` ti WdVLa_ _ WVgef YS` TSS` Wdž



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- ✓ 5S` TVgeVW a` ShVf [US^egdSUW
- ✓ DVLa_ _ WVWVgef La`VUfad B? % " %B

SPECIFICATIONS

Blasting Power	2hp
Travel Speed	Manual
Power Supply	120v / 60hz 16A
Working Width	5"
Blasting Capacity	160 sf per hour
Weight	17.5 lbs

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S320E SHOTBLASTER

3eS i WLa_ WSW[f[a` fa fZW;? B35FE eWV aXVg[b_ Wf fZWE%\$ 7 [eSbai WZageW[Se_ S^bSU] SYVZ

3f # \$ [[LZV e / % \$ _ _ f S V # : B / ##] I f i f Z W E % \$ " 7 e Z a f T ' S e f W d i [^ a g f T ' S e f U a _ b S c S T k z e] W T ' S e f [Y _ S U Z [W e Z F Z W _ a e f [W S ^ S b b [U S f [a ` X a d f Z [e _ a W W [e f Z W S Y Y d e [h W W _ a h S ^ a X L a S f [Y e a ` ' S d W e g o S U W b d / b S c S f [a ` b c a W W e z



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- ✓ Working width: 12 in. (320mm)
- ✓ Ideal for large projects
- ✓ Uses the durable IMPACTS "Side-Force" Liner System with improved wear resistance
- ✓ Optimized weight
- ✓ Height-adjustable handle
- ✓ Recommended dust collector: IMPACTS Dustcom 3324



SPECIFICATIONS	
Blasting Power	15 hp
Travel Speed	Variable 0-98 ft/min
Power Supply	480v/90hz 32 A
Working Width	12.6"
Blasting Capacity	2,153 sf per hour
Weight	705lbs

S320RD SHOTBLASTER

FZWE%\$ D6 D[VWā` bcbS` W_ aWV[e bWVUf Xadbai Wg^eZaf T`Sef` Y i [fz fZW SVVW La` hW[WUaXS eVsf` eWVd` Y i ZWV`

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- ✓ : kVdSg[Ubg_ b S^ai e_ SUZ[W fa fcbhWxad SdV S` V d[WVdVVS` V fa d[eV S` V ai VdQV[Y ZVYZf
- ✓ 6gefLa_ %\$&La_ V e a` ZTaSdV, ` a` WV fa SffSUZ ZaeV`
- ✓ 3^Zi` za` V e [X[Y aU] S^ad fZW Vgef T[ZS` V [Y
- ✓ 4[YI Vd/a` a_ [US^k abf[[] W Vgef T[
- ✓ 7WVfchZb` Vg_ Sf[ULa_ bdW ead dWg`Sf[a` e



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

FZWE&#" 7 EZaf 4'SefVd[eSg` [cgW_ SUZ[Wfa fZW] Vgefkd
TWVSGeVd[e] [Sdke] W_ SUZ[VdVa` afZShVSe_ gUZ
ZadVbaid VdZ

;f` af a` k agfbVd[e] afZVd T'SefVd[e] XadTdgeZ T'Sef] YI Tgf
S'ea T'Sefe_ adVbdVgUf[hVd [LaSf] Y dV_ ahS'Sbb [USf]a` eXad
SdrVbdVdVfz4VUSgeVdXfZVZ [YZ: B] [fS'ea i ad] eYdVf a` efVW
VVU] egdSUVbdVbScSf]a` z



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bVd[e] S' UMa` _ W [g_ fa SdrVZ
e] W bcdVUfe
- ✓ GeVd[fZVWgdST W? B35FE zE[VVZ
8adVdS->] VdEkefVU_ i [fZ i VdZ
dVd[e]S' UW_ S' YS' VdV_ VdS^
- ✓ Efdh` Y Vd[hV_ afadi [fZ [fVcdSfW
TdS] W
- ✓ Abf [[W i VVYZf
- ✓ : VVYZfZSVgefST Wd[hVZS` VW [fZ
[fVcdSfW ZS` V [Y [efdj_ Wfe
- ✓ DVLa__ WVVW VgefLa` VVfad
;? B35FE 6gefLa_ &" \$'

SPECIFICATIONS

Blasting Power	24 hp
Travel Speed	Variable 0-125 ft/min
Power Supply	480v/60hz 63 A
Working Width	16"
Blasting Capacity	2,800 sf per hour
Weight	1,076 lbs

S600E SHOTBLASTER

FZWE(" 7 EZaf 4'SefVd[e]fZWdVd[e] [fZW? B35FE
3_ Vd [USeXVW] aX_ aT [VdZaf T'SefVdZ

;f [eSfi aZ ZVWdZaf T'SefVdi [fZ hVdZ [YZ bcdVgUf]a`
dSfVd[e] XadTdgeZ T'Sef] Y Sei W'SeSYdVd[hVdV_ ahS'ez;fe
\$%Z [UZ T'Sef] Y bSfVd_ S] Vd [fS dVSea` ST kZ] W
i S] Z[VZ [V T'SefVd[fZSf [efZW_ af bcdVgUf]hVdchVd
SdrVbdVdVf SdVdZ



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bVd[e] S' UMa` hVd SdrW
bcdVUfe
- ✓ GeVd[fZVWgdST W? B35FE
zE[VVZ8adVdS->] VdEkefVU_ i [fZ
i VdZVd[e]S' UW_ S' YS' VdV_ VdS^
- ✓ Efdh` Y Vd[hV_ afadi [fZ
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- ✓ Abf [[W i VVYZf
- ✓ : VVYZfZSVgefST Wd[hVZS` VW [fZ
[fVcdSfW ZS` V [Y [efdj_ Wfe
- ✓ DVLa__ WVVW VgefLa` VVfad
;? B35FE 6gefLa_ &" \$'

SPECIFICATIONS

Blasting Power	30 hp
Travel Speed	Variable 0-124 ft/min
Power Supply	480V / 50hz, 63A
Working Width	23.6"
Blasting Capacity	4,000 sf per hour
Weight	1,157 lbs

SHOTBLASTER ACCESSORIES

\$' ? 39@7F EI 77B7D



Item # 225000124

- 6agT WSkVdaXbVd_ S Wfk LZSd/VW_ SY WeXdSYdVbVd_ SY VUUVW S' V_ Sj [g_ fX Y bai Vd
- Efgd/k *Z LZ efVWZgT S' VTS^TVSef Y i ZWWeXdVgdST [fki Vsek_ S' VghVd YI S' VVsek bgeZ] Y
- \$ Z LZ i [VfZ lahVdS' SdVsdV/cgU] k
- DgYYVW 6gdST [fki
- 3^_ ah [Y bSdeSdAbdfVUVW Tk^ k'a' XS' YWtgez [YeS' V dWgUW VsdS' V VjfvVW ei VbVd fXV
- DgYYVW %b[VWZS' V W
- ? Sj [g_ fX Y ZWYZf Sz' AeZ [z /ge' Y Sfi a S' VSZSX' LZ' S [fi
- I WWW VdY' XdVjfcS VgdST [fki S' V' a' Y fXV
- EFS' Vegb a' [feai ` i ZW ` af [geW

: 3@6: 7>6 ? 39@7FE



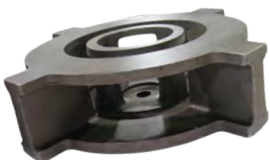
Item # 227100071

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3 X' YWf [b bg^ a' fZW dWSeW Tsd Vdabe fZW 'aSVz FZW efs' VSdV g' [fe ZShW S' `k'a' 'ai Vd USeVz 3 efs' Vde efVW 'ai Vd USeW [e ShS [ST W'ad Zaf ad hVdk ST dSe[hW_ SfVdS'z

B[U] gb USbSU [fk, Gb fa %Tez

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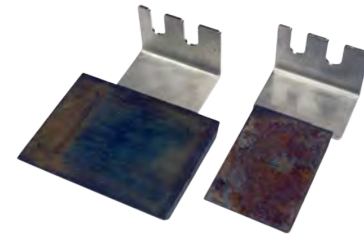


- FZ[U] [bVWdVdY'
- : Sd/ USe [Y_ WS^gd/k /_ S' YS' VdWi
- 7Sek fa LZS' YW
- 5S' S'ea TWgeW [afZVdVj [ef [Y eZaf T'Sef [Y_ SLZ [Vd
- 3hS [ST W'adS^e] VW_ aVWeaX ;? B35FE eZaf T'SefVd

ITEM NUMBER	DESCRIPTION
20100001	Wheel Kit for S410 & S320
20100002	Wheel Kit for S270-75R & S210-40R
201000145	Wheel Kit for S210E
201001349	Wheel Kit for S125E

D76G5F;A@>;@7DE

- 8adeZaf T'Sef [Y [VefdbWbdVb S' V dV_ ahS^
- DWgUW T'Sef [Y i [VfZ aXeZaf T'Sef [Y_ SLZ [Vd



2" Liners	MACHINE
201001726	S210E
201001723	S210E-40R
201001811	S270E-75R
4" Liners	MACHINE
201001725	S210E
201001722	S210E-40R
201001810	S270E-75R
6" Liners	MACHINE
201001724	S210E
201001721	S210E-40R
201001809	S270E-75R

EF77>E: AF



S280 - Item # 61003
S330 - Item # 61001

- F [k efVWbVWVgeW Se_ VW [S XadeZaf T'Sef [Y_ SLZ [Vd
- 8adegdSUMbdVb UVS' [Yt efd [bb [Yt VVdUS' Yt ad VhW [Y Ua' UdVWad_ WS^egdSUMe
- 5dVfVdS [YZf fa_ W [g_ egdSUMbcaX'VeZaf Ydf e] W [^VWVd [VVd [dW X' [ezfi
- 3hS [ST W [' " TzTSYe

DUST COLLECTORS

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FZWgefUa_ ^WUfad6gefUa_ %\$&Xba_ ;? B35FE [eS
 VjfdV_ Wk bai Vdg^VgefUa_ ^WUfadfa TWgeW faYVWZVd
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 Wtg[b_ WfZFWaW W [` ahSf[hWVWS[eY[hV
 abfL [l W ZS` V^ Y bWad_ S` UWa` fZWaT efw



Item # 104000015



- ✓ 5SbSU[fk, \$* YSž /#'' [fVdafi
- ✓ 3hS[ST W[\$% H ad&*'' H
- ✓ 3^Z ža` Wz[X[Y 'aU] ŠxadfZWgef T[ZS` V^ Y
- ✓ 4[Yi WdYa` a_ [US^k abfL [l W Vgef T[
- ✓ DW_ ahST W/ LZS` YVST ^Wgef Zaef Ua` ` WU[a`
- ✓ @a WYVWES` V aTefSUWegaf[VW fZWXS_ W
- ✓ AbfL S^ V[W efa` d Z[YZ bWad_ S` UW'ai i WYZf
- ✓ 7^WUfcažb` Vg_ Sf[U Ua_ bdWead dVg'Sf[a`

SPECIFICATIONS

Power	7.5hp
Power Supply	480V / 60hz, 16A
Cleaning	Self Cleaning
Airflow	706 CFM
Filter Surfaces;	6x Filter Cartridges
Certifications	355 SF;M
Dust Bin Capacity	28 Gallon
Dust Hose (Sold Separately)	5"

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 bdWScSf[a` Wtg[b_ Wfz;` ahSf[hWVWS[eY[hV
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 a` fZWaT efw



Item # 104000007



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- ✓ 5SbSU[fk, ' \$ YSž/\$'' [fVdafi
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- ✓ DW_ ahST W/LZS` YVST ^Wgef Zaef Ua` ` WU[a`
- ✓ @a WYVWES` V aTefSUWegaf[VW fZWXS_ W
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- ✓ 5S` TWeb [f [fa fi a g` [fe
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- ✓ 7^WUfcažb` Vg_ Sf[U Ua_ bdWead dVg'Sf[a` e

SPECIFICATIONS

Power	7.5hp
Power Supply	480V / 60hz, 16A
Cleaning	Self Cleaning
Airflow	765 CFM
Filter Surfaces;	8x Filter Cartridges
Certifications	482 SF;M
Dust Bin Capacity	52 Gallon
Dust Hose (Sold Separately)	6"

3003AR DUST COLLECTOR & ACCESSORIES

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- ✓ GeVé`>`YabSU
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 eSXWUa`^WUfja` aXfaj [U
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- ✓ 8g`^k`Sgfa_`Sf[UeWZ
 UVS` [Y`XfVd
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- ✓ :`7B3`XfVd`A.E: 3Z
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- ✓ 3gfa_`Sf[UUVS` [Y
 Vgd` Y`abVdSfja`

Item # 10400033

SPECIFICATIONS	
Power	1.3hp (4kw) x 3 motors
Power Supply	115V / 60hz, 13A
Depression Rate (Water Lift)	7.4ft H2O
Airflow	300 CFM
Noise Level	76 dB (A)
Filter Type	Polyester M
Filter Surface	29.100 cm2
Suction Inlet Diameter	2"
Capacity	Longpac
Weight	186 lbs

Wand & Floor Tool

8adcg[U] S` V Vsek UVS` Zgbt fZVWVhSugg_
 SUU`eadVéi` [^`See[ef`kagdVWV`k` VWZi` S` Vél
 TdceZVé`dWgUWé`S` V SVSbfVé`SdVhS[ST`W` Z[VZ
 cgS[fk`Sg_` [g_` Ua` efcjUfja` Xad` Sj`L`g_
 VgdST`[fkl`efdVYfZi`S` V Si` [VWVhSdVWk`aXgeVéZ



Wand	104000030
Floor Tool	104700030
Bristle Refill	104700032
Squeegee Refill	104700034

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]`
- ✓ Üc`|`á`Á`^`c`Á`á`æ`|`á`æ`
- ✓ Y`æ`á`Á`|`Á`S`|` }` *`ZGA`
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LONGOPAC

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 S` V`Ua` hW`[W`fz`f`SffSLZVé`fa`kagdVgef`Ua`^WUf`adadhSugg_` S` V`
 eVgdVWk`Za`VeS`Vgef`S` V`VW`déz

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 W` [SFWUbaeUa` fs_` [Sfja` aXbai` Wd` [bchWfZW` ad` [Y`
 W[h`cá` _` Wf`S` V`bcaVWf`abVdSf`acéS` V`Tg[V` [Y`a`Uj`b`S` feZ



Item# 20400277

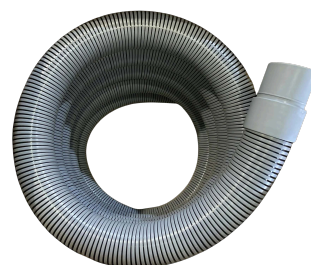
- ✓ DVb`SUW_` Wf`!` TSU`|`gb`
 bSU`SYWá`Xagd`f` Vd`
- ✓)`\$Záaf`Z`a` Y`Ua` f` gage`f` Vd`
- ✓ `z` _` [^`fZ`[U` Vd`
- ✓ ?`Sj`Vé`gb`fa`\$`Z`%` TSYe`
- ✓ 7Se`k`SffSLZVé`fa`h[cf`g`S`k`S`k`
 Vgef`Ua`^WUf`ad`
- ✓ 3`^`ai` e`XadVgef`ZdWV[ebaeS`^`

HOSE WITH CUFFS

\$`8`Vj`[T`W` aeWZ`\$` 8aaf` %`8`Vj`[T`W` aeWZ`\$` 8aaf`



Item # 423500252



Item # 423603080

RB331PRO VP0A00CEUV

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.



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

ACCESSORIES



REPLACEMENT BAGS FOR CONTINUOUS BAGGING SYSTEM (4 IN A CASE), SOLD PER CASE
;fVU ° + ' " +) ' ' ' #"



904376-BL – Reducer
2.75" OD BL x 2" OD
;fVU ° + ' " +) #&# (



3" x 25' Crush Proof Vacuum Hose w/ Non-Grounded Cuffs
;fVU ° + ' ") "#\$\$'

- %\$' 8'aadEi Ww °)" "&64 3E? t%\$'t)"?? t64
- 6gef 7j fdSUf[a` Ei [Y 3d_ 3E? XaddWf WbadST W
- 5a` f[gage4SYy[Y EkefVU



AVAILABLE UPGRADES

Fa Ua_ bVW
kagdekefW †
Ua` f[gWZVdV

Concrete Prep

Concrete Prep

con•crete prep /j ä`]d f' bdVbfin.
egdXUWYd[V[Yt dV_ ahS^aX_ Sef[U
SVZVehVhV fZ[eVhV Waj k UaSf[Yet
egdXUWS[fS` UWS` V egdXUWUadVWf[a`
aXds[eSTe

CHOOSE YOUR PROFILE OBJECTIVE

Super Fast Removal
with Rough Profile


EF.
5a` UbVW
BdVb

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).


#000 EG PREP TOOL



- U}^Á^cÁ-Á!q|ÁÚÖÖÖÖÁ!^Á[|•Á}•ā•Á-Á€Á Áā @Ē @āÁ[|•Á}āÁ€Á Á-Ē @āÁ[|•
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#00 EG PREP TOOL



- Á}^Á^cÁ-Á!q|ÁÚÖÖÖÖÁ!^Á[|•Á}•ā•Á-Á€Á Áā @Ē @āÁ[|•Á}āÁ€Á Á-Ē @āÁ[|•
- ÖÖĒāā^āÁ!q|ÁÚÖÖÁ}āÖā [}āÚ, ^^]

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#0 PREP TOOL




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 ;fV_ '')&"\$&%"" "ŽEfS` VSd/ 4a` V
 ;fV_ '')# \$&%\$ "": Ž: Sd/ 4a` V

Number of Diamonds Needed for EACH Step	Machine Model	See Page
(EF;Ž\$*")	\$
#\$	EF;Ž&\$"	&
#\$	EF;Ž&#* >B	'
#\$	EF;Ž%' %' (
#\$	EF;Ž%' %' >B)	
\$&	EF;Ž&%' *	
\$&	EF;Ž&%' >B +	

STI FL-07 Polishing System



- 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®.

3" Full Face Pads

#3 - 50 Grit	207000003
#4 - 100 Grit	207000004
#5 - 200 Grit	207000005
#6 - 400 Grit	207000006
#7 - 800 Grit	207000007
#8 - 1500 Grit	207000008
#9 - Lux	207000009

4 3/4" Ring Pads

#3 - 50 Grit	207430003
#4 - 100 Grit	207430004
#5 - 200 Grit	207430005
#6 - 400 Grit	207430006
#7 - 800 Grit	207430007
#8 - 1500 Grit	207430008
#9 - Lux	207430009



How to Use
"EG Quick Change"

79 HWUbb 79DVW 8-") Ba [eZ] Y
3VSbfVd ; eVf BSV



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

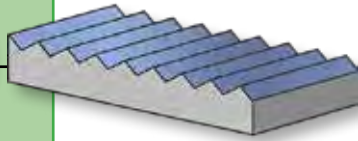
EGT#1 - 540574001



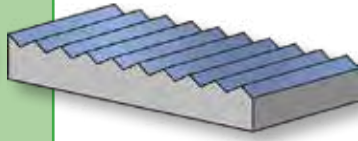
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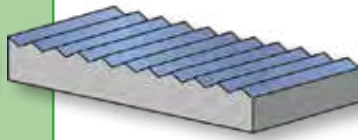
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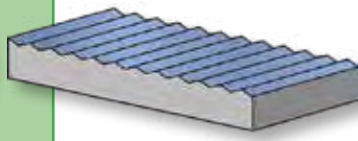
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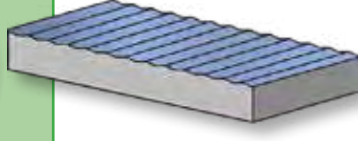
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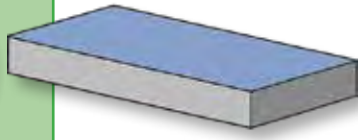
EGT#6 - 540800006



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).



EG Grout Pans
Page 31

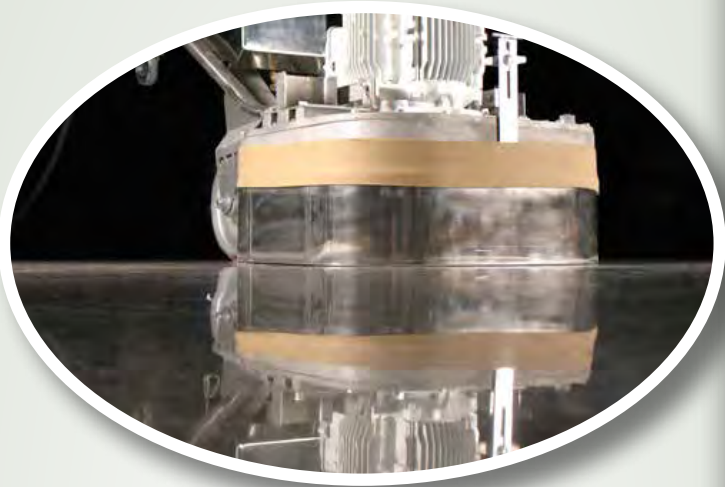
Number of Diamonds Needed for EACH Step	Machine Model
6	STI-2807
12	STI-2420
12	STI-2418LP
12	STI-3030
12	STI-3038LP
24	STI-4430
24	STI-4438LP

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



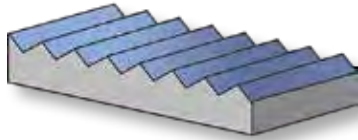
FOR A HIGH GLOSS SHINE

Dry-Wet-Dry Process

CLC



SURFACE PROFILE

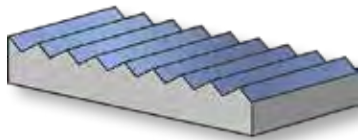


CLC#1 - 530400001



Dry Step

CLC#2 - 530700002

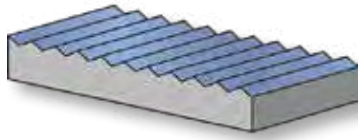


Wet Steps

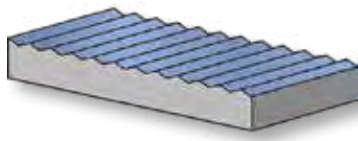
CLC#3 - 530746003



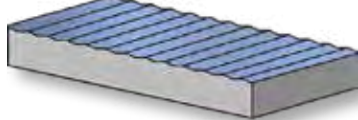
CLC#4 - 530752004



CLC#5 - 530860005

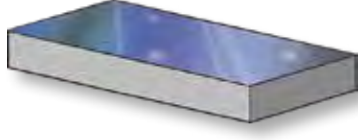


CLC#6 - 530870006



Dry Steps

CLC#7 - 530880007



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>
6	STI-2807
12	STI-2420
12	STI-2418LP
12	STI-3030
12	STI-3038LP
24	STI-4430
24	STI-4438LP

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

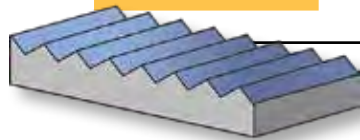
FOR PREP TO POLISH

Dry Process

PLP



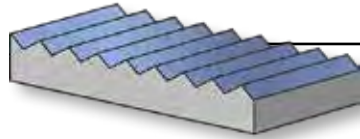
SURFACE PROFILE



PLP#1 - 585400001



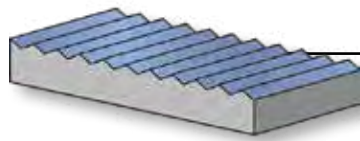
PLP#2 - 585400002



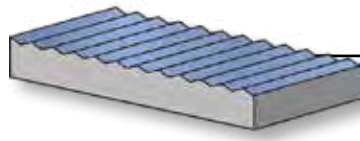
PLP#3 - 585400003



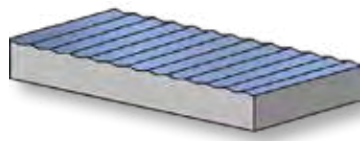
PLP#4 - 585400004



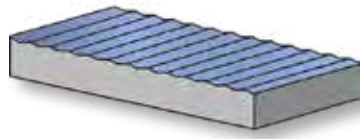
PLP#5 - 585400005



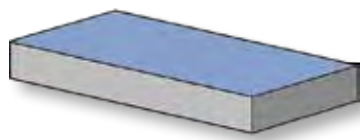
PLP#6 - 585400006



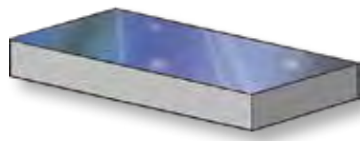
PLP#7 - 585400007



PLP#8 - 585400008



PLP#9 - 585400009



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),

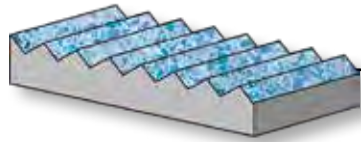
n. the grinding and polishing of new epoxy terrazzo from first cut to final polish to produce the highest possible natural shine

FOR PREP TO POLISH

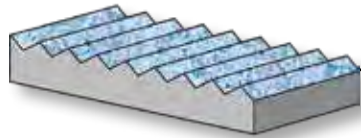
Dry-Wet Process

TPS

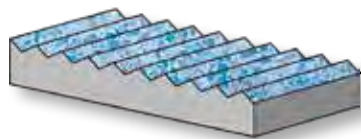
SURFACE PROFILE



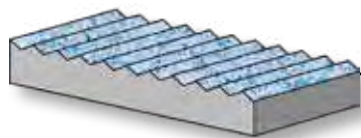
TPS#1 - 640900001



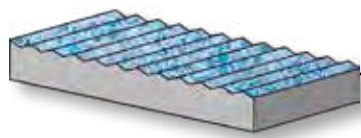
TPS#2 - 640900002



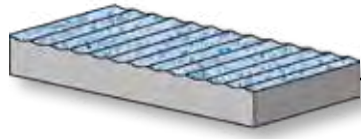
TPS#3 - 640900003



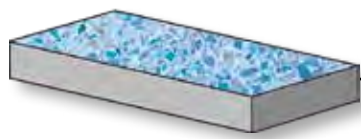
TPS#4 - 640900004



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 35.

Number of Diamonds Needed for EACH Step **Machine Model**

6 STI-2807

12 STI-2420

12 STI-2418LP

12 STI-3030

12 STI-3038LP

24 STI-4430

24 STI-4438LP

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

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



HAWK 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

ITEM NO.	ACCESSORIES FOR 17" OR 20"
360001004	4 Gallon Solution Tank
360008045	4.5" Weight Post Kit
360028010	Extra 10 lb Weight - Black
360028025	Extra 25 lb Weight Hexagonal - Black

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



**HAWK
ENTERPRISES**

Squeegee attachment for removing water and slurry



Item #364117020

- 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.



Dry Attachment Kit included

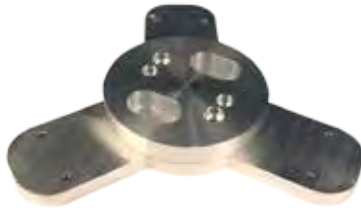
SPECIFICATIONS

Motor	2hp (1.5kw) 2-stage bypass
Power Supply	115V / 60hz
Power Cord	50ft 16-3 SJT
Airflow	110 CFM
Water Lift	117"
Tank Capacity	20 gallon
Capacity	17 gallon Wt / 1 Bushel Dry
dB Rating	78 dB
Weight	62 lbs

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-on
- 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

DUAL SEG TOOL FOR REMOVAL

Dual Segment Red Traps For Prep Master Junior

Item #
571930201



30 Grit
Soft Bond

- 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

EG Daisies



30 Grit - Item# 570430000
70 Grit - Item# 570470000

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

QUICK CHANGE BUSH HAMMER

The STI Quick Change 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.



STI QC Style

- **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**



Planetary Style

Item# 249011012 - STI QC for use w/ PM Jr.

Item# 249011013 - STI QC for use w/ 28 & 30 PM

Item# 248118500 - Planetary QC for use w/ Lavina Style Grinder

Concrete
Prep

Concrete
Polishing

NON OEM TOOLING

Substrate Technology offers a wide variety of tooling for Planetary and other style grinders such as:

CPS®

Diamatic®

Edco® & OnFloor®

Husqvarna®

Sase®

COLOR CHART FOR NON-OEM TOOLING



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

SINGLE & DOUBLE BAR PREP TOOLS for PLANETARY

Built for compatibility with imported planetary machines, this tooling offers consistent, high-performance results.

Choose from soft, medium, or hard bonds and a grit range of 16, 30, 60 & 120 to handle everything from rapid stock removal to fine finishing.



Single Bar Prep Tools

SOFT BOND	MEDIUM BOND	HARD BOND
901000016	901001016	901002016
901000030	901001030	901002030
901000060	901001060	901002060
901000120	901001120	901002120



Double Bar Prep Tools

SOFT BOND	MEDIUM BOND	HARD BOND
902000016	902001016	902002016
902000030	902001030	902002030
902000060	902001060	902002060
902000120	902001120	902002120



Single Round Prep Tools

SOFT BOND	MEDIUM BOND	HARD BOND
903102016	903103016	903104016
903102030	903103030	903104030
903102060	903103060	903104060
903102120	903103120	903104120



Double Round Prep Tools

SOFT BOND	MEDIUM BOND	HARD BOND
904002016	904103016	904104016
904002030	903103030	904104030
904002060	903103060	904104060
904002120	903103120	904104120



Clockwise - Item# 909002111



Counter Clockwise - Item# 909002112

Lavina Style Surface Prep PCD TOOLING

- *Leaves a rough profile*
- *Aggressive, super fast PCD tool for removal of coatings, mastics, or rough concrete*
- *Dry removal tool only*
- *3-in. metal bond diamond*
- *Clockwise (blue) & Counter-clockwise (black)*



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?



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

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

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

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

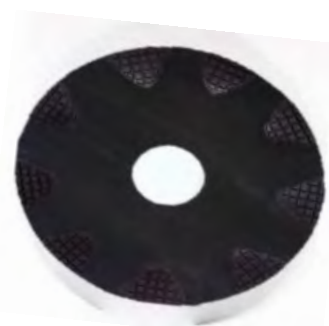
50 grit	315070050
100 grit	315070100
200 grit	315070200
400 grit	315070400
800 grit	315070800
1500 grit	315071500
3000 grit	315073000

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



The CASH Granilux Dot Pad is a rubber disc with individual resin pads fixed to it and has hook Velcro on the reverse side. The CASH Granilux Dot pads are only to be used with water and NEVER dry.

This tool is used to perform concrete polishing, marble polishing and terrazzo polishing that is smooth, cured and free of any sealer or coating and moderately worn marble or terrazzo floors.

The CASH Granilux Dot System is engineered to be run on a high speed, propane or electric, burnisher, swing machine, or auto-scrubber.

C = concrete **T** = terrazzo **M** = marble



SPIN-1 PADS



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



- 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

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

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.

CURRENTLY USED FOR:

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

"Developed by Contractors for Contractors"

Item #381919055 - 55 lbs.
Item #381919205 - Super Sack 2,205 lbs. (special order)

Before

After



Granite



Marble

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It's a System



Not a Machine



Service • Support • Success

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