



by  **SUPERABRASIVE**

2018

PRODUCT CATALOG

NEW!
L20G-X
see page 8



OUR COMPANY



Superabrasive has been manufacturing high quality diamond tooling since 1987. During the years, we have greatly expanded our facilities in Bulgaria and Atlanta, GA, as well as our distributor network in the USA and overseas. Our goal is to provide contractors of all sizes, large and small, with the most efficient and user friendly solutions for floor grinding and polishing.

Our LAVINA® line for floor grinding, polishing and maintenance continues to thrive and grow. We have added several new propane grinder models, plus a whole new LAVINA-X line of concrete dust extractors, loaded with new features for improved performance and productivity. As always, we have several new tooling options in the R&D pipeline.

We have also introduced a new polishing system for power trowels, Trowel Shine, which is ideal for large industrial projects where traditional polishing is not an option due to timeframe and other constraints.

Last but not least, we have developed a new floor maintenance program, called One Floor, which equips facility managers with the right tools to keep their floors brighter, cleaner and safer over many years.



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NEW!

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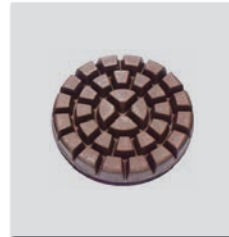
DIAMOND TOOLS



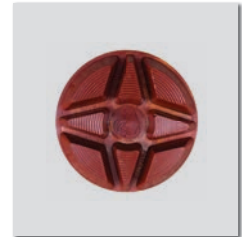
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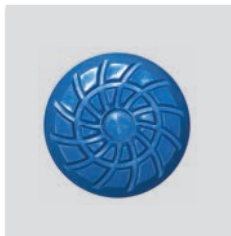
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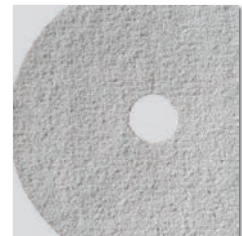
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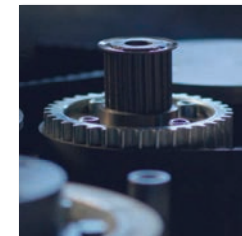
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TROWEL SHINE

POWER TROWEL CONCRETE POLISHING SYSTEM



- ✓ **TRANSFORM YOUR POWER TROWEL INTO A PLANETARY GRINDING AND POLISHING MACHINE.**
- ✓ **INCREDIBLY HIGH PRODUCTIVITY - MORE THAN 10,000 SF PER HOUR PER GRIT.**
- ✓ **MINIMUM START-UP COST FOR POWER TROWEL OWNERS WHO WANT TO ADD POLISHING TO THEIR SERVICES.**
- ✓ **IDEAL FOR LARGE INDUSTRIAL PROJECTS WHERE TRADITIONAL POLISHING IS NOT FEASIBLE.**



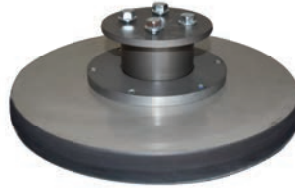
TROWEL SHINE TOOL HOLDERS - 10.63" & 14"



#P02-FP-10.63



#P02-FP-14



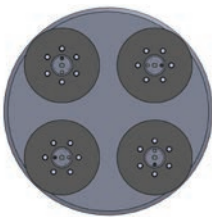
**ROTATING HEAD TECHNOLOGY AND FLEXIBLE FOAM HEADS
FOR AN EVEN TOOL WEAR AND PERFECT BALANCE.**

**FAST AND EASY TOOL CHANGES WITH TROWEL SHINE
VELCRO-BACKED DIAMOND PADS.**

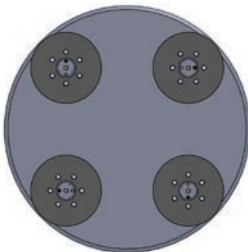


POPULAR TROWEL SHINE SET-UPS:

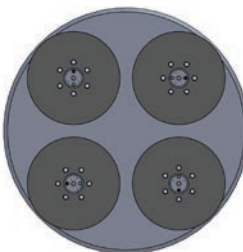
30"/750MM
4 X 10.63" HEADS



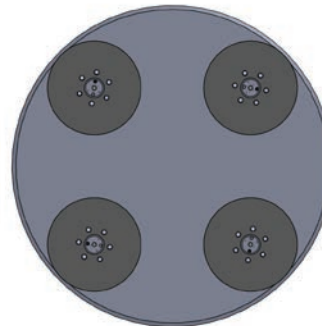
36"/900MM
4 X 10.63" HEADS



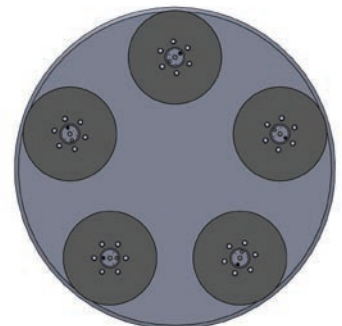
36"/900MM
4 X 14" HEADS



48"/1200MM
4 X 14" HEADS



48"/1200MM
5 X 14" HEADS



Install the tool holders on the floating pans symmetrically, making sure the tools do not stick out. For best results, the number of tool holders should match the number of blades on your power trowel.

TROWEL SHINE SYSTEM FOR HARD CONCRETE (WET)



CORSA® 100

CO-10.63-100
CO-14-100



CORSA® 200

CO-10.63-200
CO-14-200



DENSIFY



SHINEPRO PLUS 400

SPP-10.63-0400
SPP-14-0400



SHINEPRO PLUS 800

SPP-10.63-0800
SPP-14-0800

TROWEL SHINE SYSTEM FOR MEDIUM AND SOFT CONCRETE (WET)



WAFFEL 100

WAFF-10.63-0100D
WAFF-14-0100D



WAFFEL 200

WAFF-10.63-0200D
WAFF-14-0200D



DENSIFY



SHINEPRO PLUS 400

SPP-10.63-0400
SPP-14-0400

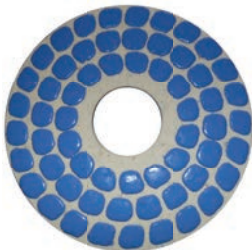


SHINEPRO PLUS 800

SPP-10.63-0800
SPP-14-0800

OPTIONAL POLISHING STEPS: 1800 & 3500 GRIT

For best results, use V-HARR premium polishing pads (dry) or ShinePro diamond pads.
Apply a concrete sealer after 3500 grit, if needed.



V-HARR® 1800

VF-10.63-1800
VF-14-1800



V-HARR® 3500

VF-10.63-3500
VF-14-3500

OR



SHINEPRO® 1800

SP-10.63-1800
SP-14-1800



SHINEPRO® 3500

SP-10.63-3500
SP-14-3500

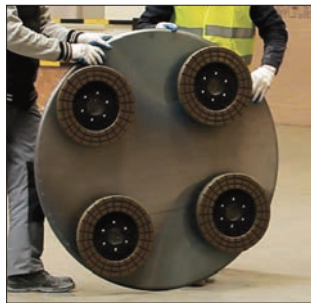
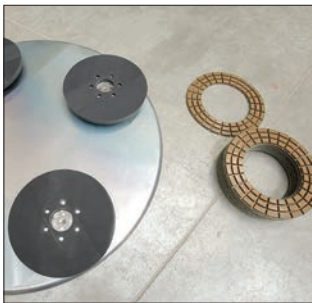
IF THE FLOOR IS DAMAGED OR HAS A RAIN DROP EFFECT

If grinding is necessary, start with SA-MB metal bond grinding discs (3" size, velcro backed). Use 3 pcs on 10.63" tool holders, and 5 pcs on 14" tool holders. **WET!**

SA-0046MB
SA-0070MB
SA-0120MB



HOW IT WORKS:



LAVINA® X MACHINES

NEW PROPANE MODEL

No cables, no generators, no hassle.

L20G-X

DESIGNED TO IMPROVE
PRODUCTIVITY, PERFORMANCE AND SAFETY.



Among the lowest emissions in the
industry, and the highest power in
603 cc LPG class!

EPA & CARB BLUE SKY RECOGNIZED!

LAVINA® X MACHINES



THE FIRST...

TRULY VARIABLE SPEED PROPANE GRINDER

L20G-X can be run between 610-1090 rpms, allowing for more effective grinding and improved tooling life.

WITH INTELLIGENT FUEL CONTROL SYSTEM

Lavina Fuel-Minder is a high-performance digital system with closed loop fuel management.

WITH DUST SUPPRESSION FINE MISTING SYSTEM

Lavina misting system produces 10 micron water droplets which effectively suppress and remove dust particles from 0.1 to 1000 microns.

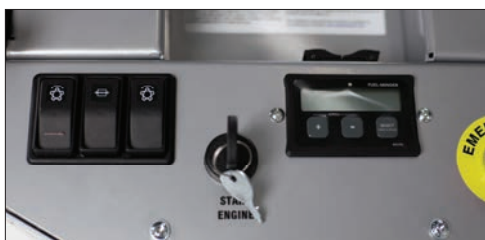
See next pages for more details and machine features.

**L20G-X**

Propane Engine	Kawasaki FS481V
Engine Capacity	603 cc / 36.8 cu.in.
Weight of Machine	645 lbs / 292 kg
Adjustable Grinding Pressure (built-in weights)	267-364 lbs / 121-165 kg
Working Width	20 in / 510 mm
Tool Holder Diameter	3 x 9in / 3 x 225 mm
Tool Holder RPM	610-1090 rpm
Engine RPM	2000-3600 rpm
Application	wet or dry
Dust-vacuum	yes
Vacuum Hose Port	2.5 in / 63 mm
Water feeding (with pump)	peripheral & front misting
Water tank capacity	5.2 gal / 20 L
Propane tank capacity	20 lbs / 9 kg
Machine Size L x W x H	51x22x47 in / 128x56x120 cm
Crate Size L x W x H	55x28x55 in / 139x71x140 cm
Crate Weight	818 bs / 371 kg

L20G-X FEATURES

A SMALL GRINDER WITH BIG CAPABILITIES...



NEW INTELLIGENT FUEL CONTROL SYSTEM

Our unique digital fuel control system is highly responsive to changes in engine load, providing optimum air-to-fuel ratio regardless of operating conditions and better fuel range. Featuring LCD screen with user interface, service reminders, emissions warnings, battery voltmeter, and more...



COMPLETELY REDESIGNED GRINDING HEAD WITH LOW-FRICTION CHAIN GEAR PLANETARY DRIVE

The combination of the chain drive and the highest engine power output in the 603cc class increases the machine service life, and results in the most reliable and powerful 20" machine on the market. And, the perfect balance between the new frame geometry and grinding head weight delivers superior maneuverability and easy tool changes.



DUST SUPPRESSION FINE MISTING SYSTEM WITH 4 HIGH PRESSURE SPRAY NOZZLES

Small water droplets effectively suppress and remove breathable fugitive dust particles from 0.1 to 1000 microns. In addition, water can be delivered under the machine at the same time for optimal tool performance.



IMPROVED DUST COLLECTION EFFICIENCY

The vacuum hose connection is now closer to the dust source. Also, a new adjustable skirt with a flexible brush for better dust containment. The skirt can be replaced without taking the engine off.

LAVINA® X MACHINES

L20G-X FEATURES



BUILT-IN WEIGHTS WITH ON & OFF POSITIONS

With the weights down you increase the head pressure to 364 lbs for more aggressive grinding. Grinding pressure with the weights up is 267 lbs. Make sure weights are locked when in the up position.



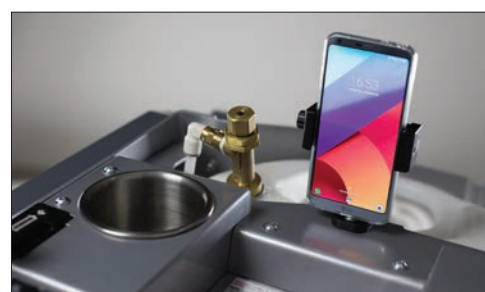
TWO LED LIGHTS FOR MONITORING THE FLOOR REFINEMENT

A detachable LED light with a magnet on the base in front (keep away from muffler). A second LED light is attached in the back of the machine near the floor for better visibility.



NEW ADJUSTABLE HANDLE BAR

Multiple handle positions for more convenient operation and transportation. Make sure the handle position is locked when moving or using the machine.



CHARGING PHONE STATION WITH DUAL USB 2.0 PORTS (3.15 Amps for faster charging with a shutoff when charge is complete).

ALSO, A DURABLE STAINLESS STEEL CUP HOLDER

PROPANE MODELS

No cables, no generators, no hassle.



L25-GTX

Propane Engine	Kawasaki FX600V
Engine Capacity	603cc, 36.8 cu. in.
Weight of Machine	608 lbs / 276 kg
Grinding Pressure	368 lbs / 167 kg
Additional Weight	up to 128lbs/ 58kg
# of Additional Weights	2 x 64 lbs / 29 kg
Tool Holder RPM	570-1030 rpm
Engine RPM	2000-3600 rpm
Working Width	25in / 655mm
Tool Holder Diameter	3x9in / 3x225mm
Application	wet or dry
Dust-vacuum	yes
Water Feeding (with pump)	inside & front spray
Water Tank Capacity	5.2gal / 20L
Propane Tank Capacity	20lbs / 9kg
Machine Size LxWxH	76x27x47 in 193x69x118 cm
Crate Size LxWxH	58x32x62 in 148x82x156 cm
Crate Weight	780 lbs / 354 kg



L30-GTX

Propane Engine	Kawasaki FX600V
Engine Capacity	603cc, 36.8 cu. in.
Weight of Machine	628 lbs / 285 kg
Grinding Pressure	393 lbs / 178 kg
Additional Weight	up to 128 lbs / 58 kg
# of Additional Weights	2 x 64 lbs / 29 kg
Tool Holder RPM	570-1030 rpm
Engine RPM	2000-3600 rpm
Working Width	30in / 765mm
Tool Holder Diameter	3x13.2in / 3x335mm
Application	wet or dry
Dust-vacuum	yes
Water Feeding (with pump)	inside & front spray
Water Tank Capacity	5.2gal / 20L
Propane Tank Capacity	20lbs / 9kg
Machine Size LxWxH	76x32x47 in 193x81x118 cm
Crate Size LxWxH	58x32x62 in 148x82x156 cm
Crate Weight	810 lbs / 367 kg

LAVINA® X MACHINES

PROPANE MODELS

No cables, no generators, no hassle.



L32G-X

Propane Engine	Kawasaki FX921V
Engine Capacity	999cc / 61 cu.in.
Weight of Machine	1270 lbs / 574 kg
Adjustable Grinding Pressure (built-in weights)	660-850 lbs / 300-380 kg
Working Width	32in / 814mm
Tool Holder Diameter	6x9in / 6x225 mm
Engine RPM	3600 rpm
Tool Holder RPM	600-1080
Dust-vacuum	yes
Vacuum Hose Port	3 in / 76mm
Water feeding (with pump) 3/4" hose attachment	inside & front spray
Water tank capacity	12 gal / 46L
Propane tank capacity	33.5 lbs / 15.2 kg
Third Wheel	optional
Machine Size L x W x H	99 x 34 x 48 in / 252 x 85 x 135 cm
Crate Size L x W x H	58x40x62in / 147x101x157cm
Crate Weight	1450 lbs / 658 kg



L38GR-X

REMOTE-CONTROLLED!

Propane Engine	Kawasaki FX921V
Engine Capacity	999cc / 61 cu.in.
Weight of Machine	1346 lbs / 610 kg
Adjustable Grinding Pressure (built-in weights)	590-790 lbs / 267-358 kg
AMG Battery	12 V / 35 AH
RC Battery (Rechargeable)	AA1.2 V
Working Width	38 in / 965 mm
Tool Holder Diameter	3x13.2in / 3x335 mm
Engine RPM	3600 rpm
Tool Holder RPM	600-1080
Vacuum Hose Port	3 in / 76mm
Water feeding (with pump)	inside & front spray
Water tank capacity	12 gal / 46L
Propane tank capacity	33.5 lbs / 15.2 kg
Third Wheel	yes
Machine Dimensions L x W x H	99x34x48 in 252x85x135 cm
Crate Dimensions L x W x H	65x44x68 in 165x112x173 cm
Crate Weight	1680 lbs / 762 kg

LAVINA® X MACHINES

ELECTRIC MODELS



L32-X

*Also in HV - 3ph x 380/480V, 32 Amp

Horsepower	20HP / 15KW
Voltage (50/60 Hz)*	3ph x 200-240V
Amperage	60 Amp
Dedicated Breaker Requirement	60 Amp
Generator Recommendation	45KW

Weight of Machine	1066 lbs / 483 kg
Grinding Pressure	740 lbs / 335 kg
Additional Weight	up to 128 lbs / 58 kg
# of Additional Weights	2 x 64 lbs / 29 kg

Attachment Speed	300-1100 rpm
Working Width	32in / 814mm
Tool Holder Diameter	6x9in / 6x225mm
Tool Diameter	6x9in / 6x225mm

Application	wet or dry
Dust-vacuum	yes
Water feeding (with pump)	inside & front spray
Water tank capacity	12gal / 46L
Cable Length	57 ft / 17.4 m

Machine Size LxWxH	92x34x46 in 233x85x117 cm
Crate size LxWxH	50x39x56 in 122x95x142 cm
Crate Weight	1240 lbs / 562.5 kg



CAN BE CONVERTED
TO 30-INCH!

L25L-X

*Also in HV - 3ph x 380/480V, 30 Amp

Horsepower	15HP / 11KW
Voltage (50-60 Hz)*	3ph x 200-240V
Amperage	45 Amp
Dedicated Breaker Requirement	45 Amp
Generator Recommendation	33KW

Weight of Machine	660 lbs / 299 kg
Grinding Pressure	404 lbs / 183 kg
Additional Weight	up to 128 lbs / 58 kg
# of Additional Weights	2 x 64 lbs / 29 kg

Attachment Speed	300-1100 rpm
Working Width	25in / 655mm
Tool Holder Diameter	3x9in / 3x225mm
Tool Diameter	3x9in / 3x225mm

Application	wet or dry
Dust-vacuum	yes
Water feeding (with pump)	inside & front spray
Water tank capacity	5.2gal / 20L
Cable Length	57 ft / 17.4 m

Machine Size LxWxH	74x27x46 in 188x69x117 cm
Crate Size LxWxH	62x29x43 in 157x73x110 cm
Crate Weight	820 lbs / 372 kg

EUROPEAN MODEL 

L32-X-E

15 kW, 3 phase 380-400 V, 32 Amp

EUROPEAN MODELS 

L25L-X-E

- 11 kW, 3 phase 380-400 V, 30 Amp

L30L-X-E

- low-profile base with 3 x 335 mm heads

LAVINA® X MACHINES

SELF-PROPELLED

**L32M-X**

*Also in HV - 3ph x 380/480V, 35 Amp

Horsepower	25HP / 18.5KW
Voltage (50/60 Hz)	3ph x 200-240V
Amperage	61 Amp
Dedicated Breaker Requirement	80 Amp
Generator Recommendation	45 KW
Weight of Machine	1245 lbs / 564 kg
Grinding Pressure	715 lbs / 323 kg
Additional Weight	up to 256lbs / 116kg
# of Additional Weights	4 x 64 lbs / 29 kg
Attachment Speed	300-1100 rpm
Working Width	32in / 814mm
Tool Holder Diameter	6x9in / 6x225mm
Tool Diameter	6x9in / 6x225mm
Application	wet or dry
Dust-vacuum	yes
Water feeding (with pump)	inside & front spray
Water tank capacity	12gal / 46L
Cable Length	57 ft / 17.4 m
Max. recommended grade	15%
Machine Size LxWxH	96x34x51 in 243x85x130 cm
Crate size LxWxH	58x37x60 in 146x100x152 cm
Crate Weight	1500 lbs / 680 kg

EUROPEAN MODEL 
L32M-X-E

18.5 kW, 3 phase 380-400 V, 32 Amp

**L25LM-X**

*Also in HV - 3ph x 380/480V, 30 Amp

Horsepower	15HP / 11KW
Voltage (50-60 Hz)*	3ph x 200-240V
Amperage	45 Amp
Dedicated Breaker Requirement	45 Amp
Generator Recommendation	33KW
Weight of Machine	695 lbs / 315 kg
Grinding Pressure	370 lbs / 169 kg
Additional Weight	up to 128 lbs / 58 kg
# of Additional Weights	2 x 64 lbs / 29 kg
Attachment Speed	300-1100 rpm
Working Width	25in / 655mm
Tool Holder Diameter	3x9in / 3x225mm
Tool Diameter	3x9in / 3x225mm
Application	wet or dry
Dust-vacuum	yes
Water feeding (with pump)	inside & front spray
Water tank capacity	5.2gal / 20L
Cable Length	57 ft / 17.4 m
Max. recommended grade	15%
Machine Size LxWxH	74x27x46 in 188x69x118 cm
Crate size LxWxH	62x29x43 in 157x73x110 cm
Crate Weight	850 lbs / 385.5 kg

EUROPEAN MODEL 
L25LM-X-E

11 kW, 3 phase 380-400 V, 30 Amp

LAVINA® X MACHINES

ELECTRIC MODELS



L25-X

Horsepower	10HP / 7.5KW
Voltage (50/60 Hz)	1 or 3ph x 200-240V
Amperage	30 Amp max
Dedicated Breaker Requirement	30 Amp
Generator Recommendation	22.5KW
Weight of Machine	555 lbs / 252 kg
Grinding Pressure	310 lbs / 141 kg
Additional Weight	up to 128 lbs / 58 kg
# of Additional Weights	2 x 64 lbs / 29 kg
Attachment Speed	300-1100 rpm
Working Width	25in / 655mm
Tool Holder Diameter	3x9in / 3x225mm
Tool Diameter	3x9in / 3x225mm
Application	wet or dry
Dust-vacuum	yes
Water feeding (with pump)	inside/front spray
Water tank capacity	5.2gal / 20L
Cable Length	57 ft / 17.4 m
Machine Size LxWxH	74x27x46 in 188x69x117 cm
Crate Size LxWxH	62x29x43 in 157x73x110 cm
Crate Weight	750 lbs / 340 kg

EUROPEAN MODEL 

L25-X-E

7.5 kW, 3 phase, 380-400 V, 15 Amp



L20N-X

ALSO WITH 4HP MOTOR - L20-X

Horsepower*	7.5HP / 5.5KW
Voltage (50/60 Hz)*	1 or 3ph x 200-240V
Amperage	30 Amp max
Dedicated Breaker Requirement	30 Amp
Generator Recommendation	16.5KW
Weight of Machine	380 lbs / 172 kg
Grinding Pressure	200 lbs / 91 kg
Additional Weight	up to 96 lbs / 44 kg
# of Additional Weights	2 x 48 lbs / 22 kg
Attachment Speed	300-1100 rpm
Working Width	20in / 510mm
Tool Holder Diameter	3x9in / 3x225mm
Tool Diameter	3x9in / 3x225mm
Application	wet or dry
Dust-vacuum	yes
Water feeding (with pump)	inside/front spray
Water tank capacity	5.2gal / 20L
Cable Length	57 ft / 17.4 m
Machine Size LxWxH	53x21x43 in 135x54x110 cm
Crate Size LxWxH	45x29x46 in 115x73x116 cm
Crate Weight	510 lbs / 231 kg

EUROPEAN MODELS 

L20-X-E 3 kW, 1 phase, 200-240 V, 14 Amp

L20N-X-E 5.5 kW, 3 phase, 380-400 V, 15 Amp

L20N-X-OE 5.5 kW, 1 phase, 200-240 V, 15 Amp

LAVINA® X MACHINES

ELECTRIC MODELS

**L21-X**

Horsepower	2.45HP, 1.8KW
Voltage Not for use with GFI circuits	1ph x 100-115V
Amperage	16 Amp
Dedicated Breaker Requirement	20 Amp
Generator Recommendation	7.5KW
Weight of Machine	219 lbs / 99 kg
Grinding Pressure	113 lbs / 51 kg
Additional Weight	up to 35 lbs / 32 kg
# of Additional Weights	2 x 17.5 lbs / 8 kg
Attachment Speed	300-500 rpm
Working Width	20in / 510mm
Tool Holder Diameter	3x7in / 3x178mm
Tool Diameter	3x7in / 3x178mm
Application	wet or dry
Dust-vacuum	yes
Water feeding	peripheral
Water tank capacity	5.2gal / 20L
Cable Length	no cable
Machine Size LxWxH	59x21x42 in 150x54x107 cm
Crate Size LxWxH	43x30x31 in 110x75x78 cm
Crate Weight	320 lbs / 145 kg

**L16-X**

Horsepower	3 HP, 2.2 KW
Voltage*	1ph x 200-240V
Amperage	12 Amp
Dedicated Breaker Requirement	15 Amp
Generator Recommendation	7.5KW
Weight of Machine	230 lbs / 104 kg
Grinding Pressure	139 lbs / 63 kg
Additional Weight	up to 22 lbs / 10 kg
# of Additional Weights	1 x 22 lbs / 10 kg
Attachment Speed	300-1100 rpm
Working Width	16in / 410mm
Tool Holder Diameter	3x6.5in / 3x165mm
Tool Diameter	3x7in / 3x175mm
Application	wet or dry
Dust-vacuum	yes
Water feeding	peripheral
Water tank capacity	2.8gal / 10.5L
Cable Length	57 ft / 17.4 m
Machine Size LxWxH	46x17x42 in 116x43x107 cm
Crate Size LxWxH	46x29x46 in 116x73x116 cm
Crate Weight	320 lbs / 145 kg

EUROPEAN MODEL **L16-X-E**

2.2 kW, 1 phase, 200-240 V, 12 Amp

LAVINA® X MACHINES

EDGER MODELS



L13-X

Horsepower	5.5HP / 4KW
Voltage	1ph x 200-240V
Amperage	16 Amp
Dedicated Breaker Requirement	20 Amp
Generator Recommendation	9 KW
Weight of Machine	271 lbs / 139 kg
Grinding Pressure	64 lbs / 33 kg
Additional Weight	up to 50 lbs / 22.7kg
# of Additional Weights	4 x 12.5 lbs / 5.7 kg
Attachment Speed	500-800 rpm
Working Width	13.2in / 335mm
Tool Holder Diameter	13.2in / 335mm
Tool Diameter	13.2in / 335mm
Application	wet or dry
Dust-vacuum	yes
Water feeding (optional)	pump, front spray
Water tank capacity (optional)	5.2gal / 20L
Cable Length	57 ft / 17.4 m
Machine Size LxWxH	48x24x36 in 121x60x92 cm
Crate Size LxWxH	56x29x43 in 141x73x110 cm
Crate Weight	400 lbs / 181 kg



L7-X

Horsepower	2HP / 1.5KW
Voltage	Not for use with GFI circuits 1ph x 110-120V
Amperage	15 Amp
Dedicated Breaker Requirement	15 Amp
Generator Recommendation	4.5KW
Weight of Machine	139 lbs / 63 kg
Grinding Pressure	51 lbs / 23 kg
Additional Weight	up to 22 lbs / 10 kg
# of Additional Weights	4 x 5.50 lbs / 2.5 kg
Attachment Speed	500-1100 rpm
Working Width	7in / 178mm
Tool Holder Diameter	7in / 178mm
Tool Diameter	7in / 178mm
Application	dry
Dust-vacuum	yes
Water feeding	no
Water tank capacity	N/A
Cable Length	57 ft / 17.4 m
Machine Size LxWxH	31x16x44 in 79x40x92 cm
Crate Size LxWxH	29x29x41 in 74x74x105 cm
Crate Weight	216 lbs / 98kg

EUROPEAN MODEL



L13-X-E

4 kW, 1 phase 200-240 V, 16 Amp

LAVINA® X MACHINES

HANDHELD MODEL



L12

Horsepower	1.63HP / 1.2KW
Voltage	1ph x 110-120V
Amperage	10.9 Amp max
Dedicated Breaker Requirement	15 Amp
Angle Grinder	FEIN WPO 14-25E
Driver Speed	900-2500 rpm
Attachment Speed	820-2240 rpm
Platform Speed	160-440 rpm
Heads Driving Direction Left Thread!	counterclockwise
Platform Driving Direction	clockwise
Working Width	12 in / 307 mm
Tool Holder Diameter	3 x 5in / 127mm
Tool Diameter	3 x 5in / 127mm
Application	wet or dry
Weight of Machine	33lbs / 15kg
Dust vacuum connection	1.5in / 38mm
Water feeding	central
Water connection	1/4in hose
Cable Length	12.8ft / 4m
Machine Size LxWxH	17x12x9 in 43x32x22 cm
Crate Size LxWxH	18x14x10 in 45x35x25 cm

EUROPEAN MODEL



L12-E

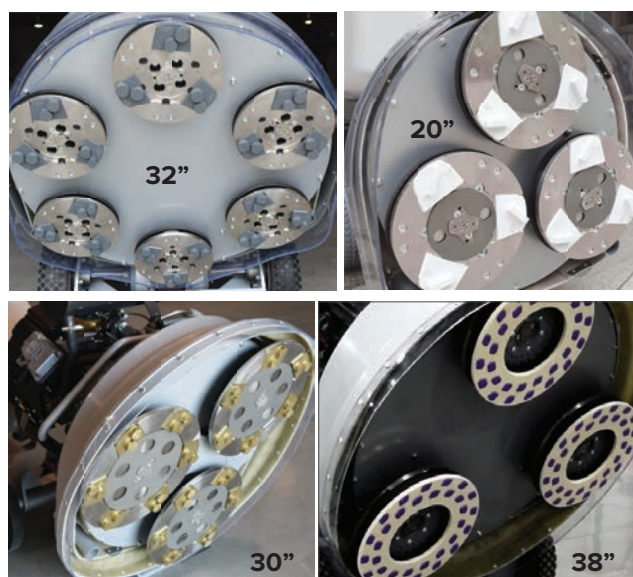
1.2 kW, 1 phase 200-240 V, 6 Amp

Which Lavina® model is right for you?

The answer will vary depending on the job size and how much time you have to complete it.

Productivity rates listed below are provided as a guide only, and are estimated average rates in square feet per hour. Please note that the rates are highly subjective as they depend on many variables, including: condition of the concrete; desired finish; any coatings to be removed; machine rpms and grinding pressure; diamond tools used, etc.

LAVINA Machine	Productivity (sf/hr)
20-inch	275-500
25-inch	500-900
30-inch	600-1200
32-inch	800-1200
38-inch	900-1400



LAVINA® POLISHER



LAVINA® B36G-S PLANETARY POLISHER

Reduce your time on the job site with this super efficient and versatile floor machine - You can hone, polish, maintain and burnish.

- 36-inch work path
- Forced planetary drive with three 14-in heads
 - A powerful Kawasaki engine
- Optimal pad pressure and flexible head design
 - Can be used wet or dry
- Recommended tools - 14-in ShinePro® pads

LB36G-S

Propane Engine Capacity	Kawasaki 481V
Engine Capacity	603cc, 36.8 cu.in.
Tool Holder RPMs	1666-3000 RPMs
Engine RPMs	2000-3600 RPMs
Working Width	36in / 914.4mm
Tool Holder Diameter	3x14in / 3x356mm
Application	wet or dry
Dust Collection System	vacuum turbine
Vacuum Bag	UB 101
Water Feeding (with pump)	Front spray
Water Tank Capacity	5.2gal / 20L
Propane Tank Capacity	20lbs / 9kg
Machine Weight	617lbs / 280kg
Machine Size LxWxH	79x37x44in 200x95x112cm
Crate size LxWxH	81x42x53 in 205x106x135cm
Crate Weight	810 lbs / 367 kg



LAVINA® BURNISHER

LAVINA® B21
BURNISHER

**Ideal for jobsites where
propane is not allowed!**

- 21-inch work path
- Electric model
- Smooth control and easy to use
- Superior dust collection
- Durable design
- Recommended tools - 21-in ShinePro® pads



ELECTRIC

LB21-E

* Also in 200-240V, 1 or 3 phase, 23 Amp

Voltage	3 phase, 380-400V, 50-60 Hz
Amperage	15 Amps
Power	10 hp / h7.5 kW
Tool Holder RPMs	1500-2000 RPMs
Working Width	21in / 533mm
Tool Holder Diameter	1x21in / 1x533mm
Application	wet or dry
Dust Collection System	electrical vacuum motor
Vacuum Bag	T285 (LH 4)
Water Feeding (with pump)	Front spray
Water Tank Capacity	5.2gal / 20L
Cable Length	57 ft / 17.4 m
Machine Weight	322lbs / 146kg
Machine Size LxWxH	55x27x43 in 139x69x110 cm
Crate size LxWxH	56x29x46 in 141x73x118 cm
Crate Weight	435 lbs / 197 kg



LAVINA® X MACHINES

SNAPSHOT COMPARISON OF LAVINA® MODELS

	propane (cordless)	electrical	110V	220V	400V	480V (HV)	single phase only	1 or 3 phase	three phase only	7 in heads	9 in heads	13.2 in heads
L7-X		•	•				•			•		
L12		•	•				•					
L13-X, 13X-E		•		•			•					•
L16-X-E		•		•			•			•		
L20-X		•		•			•				•	
L20X-E		•		•			•				•	
L20N-X		•		•				•			•	
L20N-X-E		•			•				•		•	
L20N-X-OE		•		•			•				•	
L20G-X	•										•	
L21-X		•	•				•			•		
L25-X		•		•				•			•	
L25X-E		•			•				•		•	
L25L-X		•		•					•		•	
L25LM-X		•		•					•		•	
L25L-X-E		•			•				•		•	
L25L-X-HV		•				•			•		•	
L25LM-X-HV		•				•			•		•	
L25LM-X-E		•			•				•		•	
L25G-X	•										•	
L30G-X	•											•
L32-X		•		•					•		•	
L32-X-E		•			•				•		•	
L32-X-HV		•				•			•		•	
L32M-X-HV		•				•			•		•	
L32M-X-E		•			•				•		•	
L32G-X	•										•	
L38GR-X	•											•

LAVINA® X DUST EXTRACTORS

NEW LAVINA X-SERIES DUST EXTRACTORS



**PROPANE AND ELECTRIC MODELS
FOR PROJECTS OF ALL SIZES**

**MORE EFFICIENT DUST EXTRACTION
SAFER WORK ENVIRONMENT
LESS MAINTENANCE**

- Tested and certified HEPA Filters with efficiency 99.99% at 0.3 microns.
- Fully Automated Jet Pulse Filter Cleaning System (except V20-X).
- Adjustable cleaning interval for grinding and polishing on the large models.
- High CFMs sustained over long periods of time.
- Longopac Bagging System for convenient dust disposal.
- Easy access to filters and minimum maintenance. No compressors to mess with!
- All models fit standard vans and trailers for easy transportation.

LAVINA® X DUST EXTRACTORS



Dust Extractor	V32G-X
Engine	Kawasaki FX600V
Engine Capacity	603cc, 36.8 cu.in.
Propane Tank Capacity	20 lbs / 9 kg
Main Filter	Cartridge with 15 sock filters
Filter Surface Area	26 ft ² / 2.4 m ²
Filter Cleaning	Jet Pulse Automatic
HEPA Filter Surface Area	53ft ² / 5m ²
Max Airflow	410 CFM / 700 m ³ /h
Max Vacuum	120 in / 0.3 bar
Longopac®	yes
Main Vacuum Hose (Camlock)	3 in x 32 ft / 75 mm x 10 m
Dimensions (LxWxH)	59x30x64 in / 149x74x164
Weight	850 lbs / 384 kg

Dust Extractor	V32-X-230	V32-X-480
Motor	Turbine motor	Turbine motor
Voltage*	3 phase 208V, 60 Hz	3 phase 480V, 60 Hz
Amperage	26.7 Amp	13.7 Amp
Motor	10HP / 7.5kW	11.6HP / 8.6kW
Main Filter	Cartridge with 15 sock filters	Cartridge with 15 sock filters
Filter Surface Area	26 ft ² / 2.4m ²	26 ft ² / 2.4m ²
Filter Cleaning	Jet Pulse Automatic	Jet Pulse Automatic
HEPA Filter Surface Area	53ft ² / 5m ²	53ft ² / 5m ²
Max Airflow	380 CFM / 650 m ³ /h	380 CFM / 650 m ³ /h
Max Vacuum	140 in / 0.35 bar	140 in / 0.35 bar
Longopac®	yes	yes
Main Vacuum Hose (Camlock)	3 in x 32 ft / 75 mm x 10 m	3 in x 32 ft / 75 mm x 10 m
Dimensions (LxWxH)	59x30x64in / 149x74x164	59x29x65in / 149x74x164
Weight	662 lbs / 300 kg	662 lbs / 300 kg

* Also offered in 400V - V32-X-400.

LAVINA® X DUST EXTRACTORS

NEW FEATURES FOR IMPROVED PERFORMANCE



CARTRIDGE WITH 15 SOCK FILTERS



2 HEPA FILTERS, H13 CLASS
RATED AT 99.99% AT 0.3 MICRONS



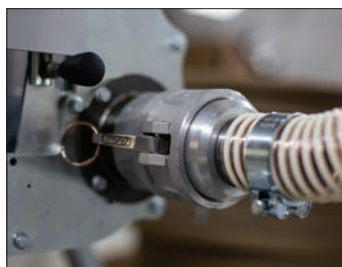
AUTOMATIC FILTER CLEANING WITH ADJUSTABLE CLEANING INTERVAL

ALSO, AN OPTION FOR FORCED CLEANING,
AND AN OPTION FOR MANUAL CLEANING IN
EMERGENCIES.

DISTRIBUTION PLUG ON V32-X FOR
ATTACHING GRINDER TO THE VACUUM



V32G-X AND V32-X ARE EQUIPPED WITH
2 ANTI-STATIC HOSES (D75, D50),
METAL CAMLOCK ATTACHMENT, AND A
FLOOR TOOL KIT.



LAVINA® X DUST EXTRACTORS



Dust Extractor	V25L-X-230	V25-X-115	V25-X-230	V20-X-115	V20-X-230
Motor	Turbine motor	3 Bypass motors	3 Bypass motors	2 Bypass motors	2 Bypass Motors
Voltage*	3 phase 208V, 60 Hz	1 phase 115V, 60Hz	1 phase 230V, 60 Hz (EU - 50Hz)	1 phase 115V, 60Hz	1 phase 230V, 60 Hz (EU - 50Hz)
Amperage	26.7 Amp	19.5 Amp	19.5 Amp	15.4 Amp	13 Amp
Motor Horse Power	7.5HP / 5.5kW	3.4HP / 2.5kW	4.9HP / 3.6kW	2.6HP / 1.93KW	3.3HP / 2.4KW
Main Filter	Cartridge with 13 sock filters	Conical Filter	Conical Filter	Conical Filter	Conical Filter
Filter Surface Area	18 ft ² / 1.7m ²	48.4ft ² / 4.5m ²	48.4ft ² / 4.5m ²	32 ft ² / 3m ²	32 ft ² / 3m ²
Filter Cleaning	Jet Pulse Automatic	Jet Pulse Automatic	Jet Pulse Automatic	Jet Pulse Manual	Jet Pulse Manual
HEPA Filter Surface Area	53ft ² / 5m ²	37.7ft ² / 3.5m ²	37.7ft ² / 3.5m ²	23.7ft ² / 2.2m ²	23.7ft ² / 2.2m ²
Max Airflow	380 CFM / 650 m ³ /h	286 CFM / 486 m ³ /h	380 CFM / 650 m ³ /h	194 CFM / 330 m ³ /h	257 CFM / 437 m ³ /h
Max Vacuum	120 water lift / 0.3 bar	81 water lift / 0.2 bar	100.4 water lift / 0.25 bar	86.7 water lift / 0.22 bar	100.4 water lift / 0.25 bar
Longopac®	yes	yes	yes	yes	yes
Main Vacuum Hose (Camlock)	2.5 in x 32 ft / 63 mm x 10 m	2.5 in x 32ft / 63 mm x 10m	2.5 in x 32ft / 63mm x 10m	2 in x 24 ft / 50mm x 7.5m	2 in x 24 ft / 50mm x 7.5m
Dimensions (LxWxH)	58x26x60 in / 147x66x152 cm	37x24x64in / 94x60x162cm	37x24x64in / 94x60x162cm	33x20x53in/ 84x50x140cm	33x20x53in/ 84x50x140cm
Weight	600 lbs / 270kg	247 lbs / 112 kg	247 lbs / 112 kg	170 lbs / 77 kg	170 lbs / 77 kg

* More voltage options are available, including 400V.

LAVINA® X DUST EXTRACTORS

QUICK AND EASY ACCESS TO FILTERS; INTEGRATED PRE-SEPARATOR FOR BETTER FILTER LIFE;
V25-X AND V20-X MODELS HAVE A CONICAL FILTER, PLUS H13 HEPA FILTER



AUTOMATIC FILTER CLEANING WITH
ADJUSTABLE CLEANING INTERVAL ON
V25-X MODEL

MANUAL FILTER CLEANING ON V20-X



SELECTING A PROPER DUST EXTRACTOR FOR YOUR GRINDER:

DUST EXTRACTOR	EFFICIENCY	HEPA FILTER	L7, L13	L21, L20, L20N	L20G, L25	L25L, L30L	L25G, L30G	L32, L32G, L38G
V20-X	99.9% AT 0.3 MICRONS	1 HEPA, H13 CLASS	●	●				
V25-X	99.9% AT 0.3 MICRONS	1 HEPA, H13 CLASS		●	●			
V25L-X	99.9% AT 0.3 MICRONS	1 HEPA, H13 CLASS			●	●	●	
V32-X	99.9% AT 0.3 MICRONS	2 HEPA, H13 CLASS				●	●	●
V32G-X	99.9% AT 0.3 MICRONS	2 HEPA, H13 CLASS					●	●

COATING, GLUE, EPOXY REMOVAL

BUSH HAMMER TOOLS

The bush hammers are aggressive one-step method for stripping, cleaning and profiling (CSP 3, 4 and 5) concrete surfaces in preparation for epoxy and self-leveling or polymer overlays. The process is cost-effective, produces very little airborne dust, and it doesn't micro fracture the surface.

Each bush hammer roller is attached to our standard QuickChange trapezoid pad that easily slide in and out the tool holder plate with no bolting required. You can use them on LAVINA and other grinders via QuickChange adapter plates. Recommended rpms - between 500 and 700 rpms. Always attach the security rings for safe operation with LAVINA grinders.



Item Number	Description
X-BH-3	QC Bush Hammer tools, set of 3 pcs + 1 Lavina security ring



CARBIDE SCRAPERS

Ideal for fast removal of thick topical coatings and glues, without damaging the concrete underneath and safe to use on floors that will be polished.

Our scrapers feature replaceable tungsten carbide blades, which are mounted to reusable QuickChange style holders, that easily slide in and out the QC tool holder plate. They can be used on LAVINA and other grinders via QuickChange adapter plates. These tools work best on lower rpms (around 600-700).



Item Number	Description
X-HOLDER-CBL-19	X Holder with a square carbide blade, right rotation
X-HOLDER-CBL-19-L	X Holder with a square carbide blade, left rotation (blue)
CBL-19	Square carbide blade (19mm)



COATING, GLUE, EPOXY REMOVAL

PCD TOOLS

*Ideal for coating removal and prep for epoxy.
Offered with and without a metal button or sacrificial bars.*

*PCDs **with** a metal button or sacrificial bars are less aggressive and are designed for thin coating removal.*

*PCD's **without** a metal button or sacrificial bars are very aggressive and designed for thick coating removal. They will leave a very coarse profile on the concrete.*



more aggressive

Important: PCD tools are direction specific. Always check the direction of rotation of the grinding heads.

Item Number	Description
X-PCD-SB	QC Trapezoid pad with 2 PCD segments and sacrificial bars
X-PCD-SB-L	QC Trapezoid pad with 2 PCD segment and sac bars, Left rotation (blue)
X1B-PCD2	QC Trapezoid pad with 2 PCD segments and a metal button
X1B-PCD2-L	QC Trapezoid pad with 2 PCD segments and a metal button, Left rotation (blue)
X-PCD	QC Trapezoid pad with 2 PCD segments, standard
X-PCD-L	QC Trapezoid pad with 2 PCD segments, Left rotation for L30G (blue)

BRAZED PADS FOR LIPPAGE REMOVAL

*Recommended for lippage grinding, floor leveling, as well as thin coating removal. They perform excellently on concrete, natural, and engineered stones. Brazed lippage pads are with a velcro-backed attachment, and are for **wet applications only**. Offered in 3 and 4 inch size.*



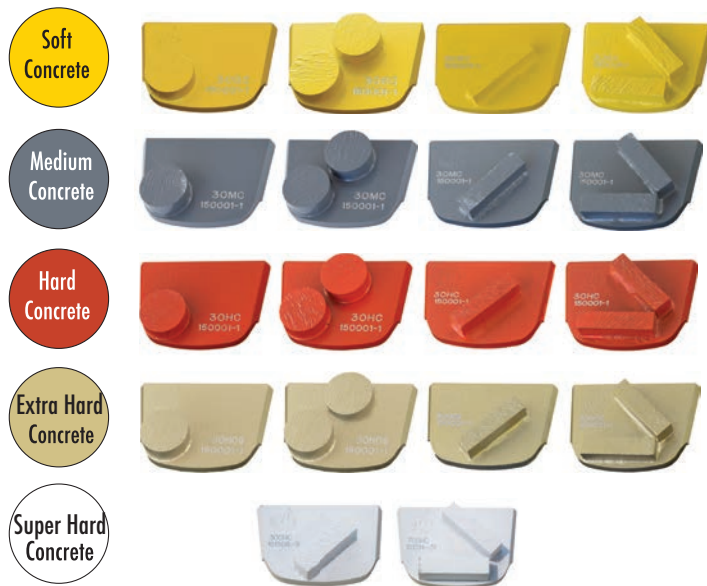
Item Number	Description	Size	Grit	Bond
CEM3-030BR	Vacuum Brazed Pad for Lippage, 3 Inch, 30 Grit	3in / 80mm	30	brazed
CEM3-050BR	Vacuum Brazed Pad for Lippage, 3 Inch, 50 Grit	3in / 80mm	50	brazed
CEM3-100BR	Vacuum Brazed Pad for Lippage, 3 Inch, 100 Grit	3in / 80mm	100	brazed
CEM3-200BR	Vacuum Brazed Pad for Lippage, 3 Inch, 200 Grit	3in / 80mm	200	brazed
CEM4-030BR	Vacuum Brazed Pad for Lippage, 4 Inch, 30 Grit	4in / 98.4mm	30	brazed
CEM4-050BR	Vacuum Brazed Pad for Lippage, 4 Inch, 50 Grit	4in / 98.4mm	50	brazed
CEM4-100BR	Vacuum Brazed Pad for Lippage, 4 Inch, 100 Grit	4in / 98.4mm	100	brazed
CEM4-200BR	Vacuum Brazed Pad for Lippage, 4 Inch, 200 Grit	4in / 98.4mm	200	brazed

CONCRETE GRINDING

QUICKCHANGE METAL BOND TOOLS

Our QuickChange system features replaceable trapezoid-style pads that easily slide in and out of the machine plates or heads, with no bolting required. QC tools are offered in separate bonds for hard, super hard, medium, or soft concrete. The QC tool design shown below fits all LAVINA® X and S machines. However, the QC tools designed for S and Pro machines are not compatible with the new X series.

For tool holder plates for LAVINA® and other grinding machines - see Accessories on page 56.



TOOLING TIPS

- Use the rectangular segment tools for a more aggressive cut, and for non-cementitious coating removal.
- Use the round button tools for cementitious coating removal.
- Use single segment tools with lighter machines (under 25-inch).
- Use double segment tools with heavier machines - 25-inch and up.
- For a more aggressive cut, use the single rectangular segment tools during the first grinding step on all machines (tool life can vary based on the concrete hardness).

LAVINA TOOL BOX

The perfect solution for storing and carrying your metal and resin tools!

- Each box has 13 dividers, made of durable and lightweight aluminum: 5 for attaching your QC metals and 8 for your velcro-backed pads, and it easily fits 45 pcs QC tools + 72 pcs 3-inch resins.
- Dimensions: 15 x 15 x 12.5 inch; Weight: 16.5 lbs (box only);
- Item Number: LV-BOX



CONCRETE GRINDING



Concrete with a PSI under 2500 is considered to be soft, and we recommend using our Yellow bond.



One Button QC for SOFT Concrete Grinding (Yellow)

Item Number	Description	Tool Color	Grit	Thickness (mm)
X1B-SC-0006	QuickChange single button tool for soft concrete	yellow	6	10 mm
X1B-SC-0014	QuickChange single button tool for soft concrete	yellow	14	10 mm
X1B-SC-0030	QuickChange single button tool for soft concrete	yellow	30	10 mm
X1B-SC-0050	QuickChange single button tool for soft concrete	yellow	50	10 mm
X1B-SC-0070	QuickChange single button tool for soft concrete	yellow	70	10 mm
X1B-SC-0120	QuickChange single button tool for soft concrete	yellow	120	10 mm

Two Button QC for SOFT Concrete Grinding (Yellow)

Item Number	Description	Tool Color	Grit	Thickness (mm)
X2B-SC-0006	QuickChange two button tool for soft concrete	yellow	6	10 mm
X2B-SC-0014	QuickChange two button tool for soft concrete	yellow	14	10 mm
X2B-SC-0030	QuickChange two button tool for soft concrete	yellow	30	10 mm
X2B-SC-0050	QuickChange two button tool for soft concrete	yellow	50	10 mm
X2B-SC-0070	QuickChange two button tool for soft concrete	yellow	70	10 mm
X2B-SC-0120	QuickChange two button tool for soft concrete	yellow	120	10 mm

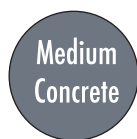
One Rectangular Segment QC for SOFT Concrete Grinding (Yellow)

Item Number	Description	Tool Color	Grit	Thickness (mm)
X1S-SC-0006	QuickChange single segment tool for soft concrete	yellow	6	10 mm
X1S-SC-0014	QuickChange single segment tool for soft concrete	yellow	14	10 mm
X1S-SC-0030	QuickChange single segment tool for soft concrete	yellow	30	10 mm
X1S-SC-0050	QuickChange single segment tool for soft concrete	yellow	50	10 mm
X1S-SC-0070	QuickChange single segment tool for soft concrete	yellow	70	10 mm
X1S-SC-0120	QuickChange single segment tool for soft concrete	yellow	120	10 mm

Two Rectangular Segment QC for SOFT Concrete Grinding (Yellow)

Item Number	Description	Tool Color	Grit	Thickness (mm)
X2S-SC-0006	QuickChange two segment tool for soft concrete	yellow	6	10 mm
X2S-SC-0014	QuickChange two segment tool for soft concrete	yellow	14	10 mm
X2S-SC-0030	QuickChange two segment tool for soft concrete	yellow	30	10 mm
X2S-SC-0050	QuickChange two segment tool for soft concrete	yellow	50	10 mm
X2S-SC-0070	QuickChange two segment tool for soft concrete	yellow	70	10 mm
X2S-SC-0120	QuickChange two segment tool for soft concrete	yellow	120	10 mm

CONCRETE GRINDING



Concrete with a PSI between 2500 and 4000 is considered to be medium, and we recommend using our Gray bond.



Gray Series, Single Button QC for MEDIUM Concrete

Item Number	Description	Tool Color	Grit	Thickness (mm)
X1B-MC-0006	QuickChange single button tool for medium concrete	gray	6	10 mm
X1B-MC-0014	QuickChange single button tool for medium concrete	gray	14	10 mm
X1B-MC-0030	QuickChange single button tool for medium concrete	gray	30	10 mm
X1B-MC-0050	QuickChange single button tool for medium concrete	gray	50	10 mm
X1B-MC-0070	QuickChange single button tool for medium concrete	gray	70	10 mm
X1B-MC-0120	QuickChange single button tool for medium concrete	gray	120	10 mm

Gray Series, Two Button QC for MEDIUM Concrete

Item Number	Description	Tool Color	Grit	Thickness (mm)
X2B-MC-0006	QuickChange gray button tool for medium concrete	gray	6	10 mm
X2B-MC-0014	QuickChange gray button tool for medium concrete	gray	14	10 mm
X2B-MC-0030	QuickChange gray button tool for medium concrete	gray	30	10 mm
X2B-MC-0050	QuickChange gray button tool for medium concrete	gray	50	10 mm
X2B-MC-0070	QuickChange gray button tool for medium concrete	gray	70	10 mm
X2B-MC-0120	QuickChange gray button tool for medium concrete	gray	120	10 mm

Gray Series, One Rectangular Segment QC for MEDIUM Concrete

Item Number	Description	Tool Color	Grit	Thickness (mm)
X1S-MC-0006	QuickChange single segment tool for medium concrete	gray	6	10 mm
X1S-MC-0014	QuickChange single segment tool for medium concrete	gray	14	10 mm
X1S-MC-0030	QuickChange single segment tool for medium concrete	gray	30	10 mm
X1S-MC-0050	QuickChange single segment tool for medium concrete	gray	50	10 mm
X1S-MC-0070	QuickChange single segment tool for medium concrete	gray	70	10 mm
X1S-MC-0120	QuickChange single segment tool for medium concrete	gray	120	10 mm

Gray Series, Two Rectangular Segment QC for MEDIUM Concrete

Item Number	Description	Tool Color	Grit	Thickness (mm)
X2S-MC-0006	QuickChange two segment tool for medium concrete	gray	6	10 mm
X2S-MC-0014	QuickChange two segment tool for medium concrete	gray	14	10 mm
X2S-MC-0030	QuickChange two segment tool for medium concrete	gray	30	10 mm
X2S-MC-0050	QuickChange two segment tool for medium concrete	gray	50	10 mm
X2S-MC-0070	QuickChange two segment tool for medium concrete	gray	70	10 mm
X2S-MC-0120	QuickChange two segment tool for medium concrete	gray	120	10 mm

CONCRETE GRINDING



Concrete with a PSI between 4000 and 5500 is considered to be hard, and we recommend using our Red bond.



Red Series, One Button QC for HARD Concrete

Item Number	Description	Tool Color	Grit	Thickness (mm)
X1B-HC-0030	QuickChange single button tool for hard concrete	red	30	10 mm
X1B-HC-0050	QuickChange single button tool for hard concrete	red	50	10 mm
X1B-HC-0070	QuickChange single button tool for hard concrete	red	70	10 mm
X1B-HC-0120	QuickChange single button tool for hard concrete	red	120	10 mm

Red Series, Two Button QC for HARD Concrete

Item Number	Description	Tool Color	Grit	Thickness (mm)
X2B-HC-0030	QuickChange two button tool for hard concrete	red	30	10 mm
X2B-HC-0050	QuickChange two button tool for hard concrete	red	50	10 mm
X2B-HC-0070	QuickChange two button tool for hard concrete	red	70	10 mm
X2B-HC-0120	QuickChange two button tool for hard concrete	red	120	10 mm

Red Series, One Rectangular Segment QC for HARD Concrete

Item Number	Description	Tool Color	Grit	Thickness (mm)
X1S-HC-0030	QuickChange single segment tool for hard concrete	red	30	10 mm
X1S-HC-0050	QuickChange single segment tool for hard concrete	red	50	10 mm
X1S-HC-0070	QuickChange single segment tool for hard concrete	red	70	10 mm
X1S-HC-0120	QuickChange single segment tool for hard concrete	red	120	10 mm

Red Series, Two Rectangular Segment QC for HARD Concrete

Item Number	Description	Tool Color	Grit	Thickness (mm)
X2S-HC-0030	QuickChange two segment tool for hard concrete	red	30	10 mm
X2S-HC-0050	QuickChange two segment tool for hard concrete	red	50	10 mm
X2S-HC-0070	QuickChange two segment tool for hard concrete	red	70	10 mm
X2S-HC-0120	QuickChange two segment tool for hard concrete	red	120	10 mm

CONCRETE GRINDING



Concrete with PSI greater than 5500 is considered to be extra hard, and we recommend using our Gold bond.



Gold Series, One Button

Item Number	Description	Tool Color	Grit	Thickness (mm)
X1B-HCG-0030	QuickChange one button tool for extra hard concrete	gold	30	10 mm
X1B-HCG-0050	QuickChange one button tool for extra hard concrete	gold	50	10 mm
X1B-HCG-0070	QuickChange one button tool for extra hard concrete	gold	70	10 mm
X1B-HCG-0120	QuickChange one button tool for extra hard concrete	gold	120	10 mm

Gold Series, Two Button

Item Number	Description	Tool Color	Grit	Thickness (mm)
X2B-HCG-0030	QuickChange two button tool for extra hard concrete	gold	30	10 mm
X2B-HCG-0050	QuickChange two button tool for extra hard concrete	gold	50	10 mm
X2B-HCG-0070	QuickChange two button tool for extra hard concrete	gold	70	10 mm
X2B-HCG-0120	QuickChange two button tool for extra hard concrete	gold	120	10 mm

Gold Series, One Rectangular Segment

Item Number	Description	Segments	Grit	Thickness (mm)
X1S-HCG-0030	QuickChange one segment tool for extra hard concrete	gold	30	10 mm
X1S-HCG-0050	QuickChange one segment tool for extra hard concrete	gold	50	10 mm
X1S-HCG-0070	QuickChange one segment tool for extra hard concrete	gold	70	10 mm
X1S-HCG-0120	QuickChange one segment tool for extra hard concrete	gold	120	10 mm

Gold Series, Two Rectangular Segment

Item Number	Description	Tool Color	Grit	Thickness (mm)
X2S-HCG-0030	QuickChange two segment tool for extra hard concrete	gold	30	10 mm
X2S-HCG-0050	QuickChange two segment tool for extra hard concrete	gold	50	10 mm
X2S-HCG-0070	QuickChange two segment tool for extra hard concrete	gold	70	10 mm
X2S-HCG-0120	QuickChange two segment tool for extra hard concrete	gold	120	10 mm

CONCRETE GRINDING



Concrete with PSI over 7000 is considered super hard, and we recommend using our White bond.



White Series, One Rectangular Segment

Item Number	Description	Segments	Grit	Thickness (mm)
X1S-SHC-0030	QuickChange one segment tool for super hard concrete	white	30	10 mm
X1S-SHC-0050	QuickChange one segment tool for super hard concrete	white	50	10 mm
X1S-SHC-0070	QuickChange one segment tool for super hard concrete	white	70	10 mm
X1S-SHC-0120	QuickChange one segment tool for super hard concrete	white	120	10 mm

White Series, Two Rectangular Segment

Item Number	Description	Segments	Grit	Thickness (mm)
X2S-SHC-0030	QuickChange two segment tool for super hard concrete	white	30	10 mm
X2S-SHC-0050	QuickChange two segment tool for super hard concrete	white	50	10 mm
X2S-SHC-0070	QuickChange two segment tool for super hard concrete	white	70	10 mm
X2S-SHC-0120	QuickChange two segment tool for super hard concrete	white	120	10 mm

MOHS' HARDNESS PICK SET

An essential tool for determining the concrete hardness (via scratch testing) and choosing the correct grinding tool!



Mohs' Scale		Recommended metal bond tools
2-3		Yellow bond for Soft Concrete
3-5		Grey bond for Medium Concrete
5-7		Red bond for Hard Concrete
7-9		Gold and White bonds for Extra & Super Hard Concrete

CONCRETE GRINDING

SA SUPERTHICK DISCS IN METAL BOND

Ideal for grinding concrete, natural stone, self-leveling and terrazzo floors! The SA metal discs provide a great first cut with a smooth and refined scratch pattern. Offered with a QuickChange attachment (3-inch only) and velcro backing (3- and 4-inch).



SA Superthick Metal Bond Discs with QuickChange Attachment

Item Number	Description	Size	Grit	Bond	Thickness (mm)
XQC-SA-046MB	QuickChange SA discs, metal bond, grit 46	3in / 80mm	46	metal	4 mm
XQC-SA-070MB	QuickChange SA discs, metal bond, grit 70	3in / 80mm	70	metal	4 mm
XQC-SA-120MB	QuickChange SA discs, metal bond, grit 120	3in / 80mm	120	metal	4 mm

SA Superthick Metal Bond Discs with Velcro Attachment (wet only)

Item Number	Description	Size	Grit	Bond	Thickness
SA-0046MB	SA Superthick disc, metal bond, 3 inch, 46 grit	3in / 80mm	46	metal	4 mm
SA-0070MB	SA Superthick disc, metal bond, 3 inch, 70 grit	3in / 80mm	70	metal	4 mm
SA-0120MB	SA Superthick disc, metal bond, 3 inch, 120 grit	3in / 80mm	120	metal	4 mm
SA-0220MB	SA Superthick disc, metal bond, 3 inch, 220 grit	3in / 80mm	220	metal	4 mm
SA-0400MB	SA Superthick disc, metal bond, 3 inch, 400 grit	3in / 80mm	400	metal	4 mm

WAFFEL COPPER DISCS

Waffel Coppers are designed to remove scratches and small lippage on new or existing natural stone and decorative concrete floors. They are ideal for use on natural stone with small, regular or large format tiles with ground lines bigger than 1/4-in, where a 3-in or 4-in tools will just chip the edges. Can be used dry and wet.



WAFFEL Copper Discs, Dry and Wet, 9 Inch

Item Number	Description	Size	Grit	Bond	Thickness
WAFF-9-CO-0030	WAFFEL Copper Disc, Velcro Attachment	9in / 228mm	30	copper	7 mm
WAFF-9-CO-0050	WAFFEL Copper Disc, Velcro Attachment	9in / 228mm	50	copper	7 mm
WAFF-9-CO-0070	WAFFEL Copper Disc, Velcro Attachment	9in / 228mm	70	copper	7 mm
WAFF-9-CO-0120	WAFFEL Copper Disc, Velcro Attachment	9in / 228mm	120	copper	7 mm
WAFF-9-CO-0220	WAFFEL Copper Disc, Velcro Attachment	9in / 228mm	220	copper	7 mm

CONCRETE GRINDING

HD COPPER DISCS

The HD Coppers can be used for the first grinding steps on big box retail projects, and provide a fast cut and long tool life. They should be used wet only!



HD Copper Discs, **Wet only**, 3 Inch

Item Number	Description	Size	Grit	Bond	Thickness
HD-3-CO-0050-R	Heavy Duty Copper Disc, Velcro Attachment	3in / 80mm	50	copper	8 mm
HD-3-CO-0100-R	Heavy Duty Copper Disc, Velcro Attachment	3in / 80mm	100	copper	8 mm
HD-3-CO-0200-R	Heavy Duty Copper Disc, Velcro Attachment	3in / 80mm	200	copper	8 mm
HD-3-CO-0400-R	Heavy Duty Copper Disc, Velcro Attachment	3in / 80mm	400	copper	8 mm

CALIBRA CERAMIC DISCS

Calibra discs are designed for the removal of difficult scratches which are left behind by the metal bond grinding steps. They are also suitable for floor restoration. These discs are best for hard concrete applications (their life is shorter on soft or abrasive floors). Can be used wet or dry. Offered in 3 and 4 Inch sizes.



Calibra Ceramic Discs for **Hard and Medium Concrete**, 3 Inch

Item Number	Description	Size	Grit	Thickness
CA3-30	Calibra ceramic pads for scratch removal on hard concrete	3in / 76mm	30	10 mm
CA3-50	Calibra ceramic pads for scratch removal on hard concrete	3in / 76mm	50	10 mm
CA3-100	Calibra ceramic pads for scratch removal on hard concrete	3in / 76mm	100	10 mm
CA3-200	Calibra ceramic pads for scratch removal on hard concrete	3in / 76mm	200	10 mm

Calibra Ceramic Discs for **Hard and Medium Concrete**, 4 Inch

Item Number	Description	Size	Grit	Thickness
CA4-30	Calibra ceramic pads for scratch removal on hard concrete	4in / 101.6mm	30	10 mm
CA4-50	Calibra ceramic pads for scratch removal on hard concrete	4in / 101.6mm	50	10 mm
CA4-100	Calibra ceramic pads for scratch removal on hard concrete	4in / 101.6mm	100	10 mm
CA4-200	Calibra ceramic pads for scratch removal on hard concrete	4in / 101.6mm	200	10 mm

CONCRETE POLISHING

3-STEP CONCRETE POLISHING SYSTEM

Three 3-inch pads, featuring a new proprietary resin bond formula, and suitable for any type of concrete. Can be used wet or dry on almost any concrete polishing machine, using a velcro plate / tool holder. The floor should be cut to 120 grit with a metal or hybrid diamond tool, and densified, if necessary, before starting with step 1.



Amazing results in 3 easy steps! No messy chemical applications involved.

Item Number	Description	Size	Thickness
3S-1	3-Step floor polishing system, Step 1	3in / 77mm	9 mm
3S-2	3-Step floor polishing system, Step 2	3in / 77mm	9 mm
3S-3	3-Step floor polishing system, Step 3	3in / 77mm	9 mm

HD RESIN DISCS

Designed for heavier grinders (30-inch and up). Make sure you add weights if you are using them on lighter machines, such as LAVINA 20 and 25. Can be used dry and wet, and are offered in 3- and 4-inch sizes.

Item Number	Description	Size	Thickness
HD-3-0030	Heavy Duty Resin Disc, Velcro Attachment, 30 Grit	3in / 77mm	8 mm
HD-3-0050	Heavy Duty Resin Disc, Velcro Attachment, 50 Grit	3in / 77mm	8 mm
HD-3-0100	Heavy Duty Resin Disc, Velcro Attachment, 100 Grit	3in / 77mm	8 mm
HD-3-0200	Heavy Duty Resin Disc, Velcro Attachment, 200 Grit	3in / 77mm	8 mm
HD-3-0400	Heavy Duty Resin Disc, Velcro Attachment, 400 Grit	3in / 77mm	8 mm
HD-3-0800	Heavy Duty Resin Disc, Velcro Attachment, 800 Grit	3in / 77mm	8 mm
HD-3-1500	Heavy Duty Resin Disc, Velcro Attachment, 1500 Grit	3in / 77mm	8 mm
HD-3-3000	Heavy Duty Resin Disc, Velcro Attachment, 3000 Grit	3in / 77mm	8 mm

Item Number	Description	Size	Thickness
HD-4-0030	Heavy Duty Resin Disc, Velcro Attachment, 30 Grit	4in / 101.6mm	8 mm
HD-4-0050	Heavy Duty Resin Disc, Velcro Attachment, 50 Grit	4in / 101.6mm	8 mm
HD-4-0100	Heavy Duty Resin Disc, Velcro Attachment, 100 Grit	4in / 101.6mm	8 mm
HD-4-0200	Heavy Duty Resin Disc, Velcro Attachment, 200 Grit	4in / 101.6mm	8 mm
HD-4-0400	Heavy Duty Resin Disc, Velcro Attachment, 400 Grit	4in / 101.6mm	8 mm
HD-4-0800	Heavy Duty Resin Disc, Velcro Attachment, 800 Grit	4in / 101.6mm	8 mm
HD-4-1500	Heavy Duty Resin Disc, Velcro Attachment, 1500 Grit	4in / 101.6mm	8 mm
HD-4-3000	Heavy Duty Resin Disc, Velcro Attachment, 3000 Grit	4in / 101.6mm	8 mm



CONCRETE POLISHING

NATO® POLISHING DISCS

Our Nato resins have truly set the standard for all other polishing pads to follow. Wide channels and a unique patented design allow for work on a cleaner surface, ensuring a quality polish. NATO® discs feature a thick 12mm layer of resin and diamonds for extra long life. We recommend a minimum of three discs per head for optimum performance. Also available in a thinner “economy” style (6mm).

NATO® Discs for **Dry and Wet** use, 3 Inch. Also offered in 4 Inch!

Item Number	Description	Size	Thickness
NS-0030D	NATO® Floor Polishing Disc, Velcro Attachment, 30 Grit	3in / 81.5mm	12 mm
NS-0050D	NATO® Floor Polishing Disc, Velcro Attachment, 50 Grit	3in / 81.5mm	12 mm
NS-0100D	NATO® Floor Polishing Disc, Velcro Attachment, 100 Grit	3in / 81.5mm	12 mm
NS-0200D	NATO® Floor Polishing Disc, Velcro Attachment, 200 Grit	3in / 81.5mm	12 mm
NS-0400D	NATO® Floor Polishing Disc, Velcro Attachment, 400 Grit	3in / 81.5mm	12 mm
NS-0800D	NATO® Floor Polishing Disc, Velcro Attachment, 800 Grit	3in / 81.5mm	12 mm
NS-1500D	NATO® Floor Polishing Disc, Velcro Attachment, 1500 Grit	3in / 81.5mm	12 mm
NS-3000D	NATO® Floor Polishing Disc, Velcro Attachment, 3000 Grit	3in / 81.5mm	12 mm



NATO® Discs for **Wet Only** use, 3 Inch

Item Number	Description	Size	Thickness
NS-0030	NATO® Floor Polishing Disc, Velcro Attachment, 30 Grit	3in / 81.5mm	12 mm
NS-0050	NATO® Floor Polishing Disc, Velcro Attachment, 50 Grit	3in / 81.5mm	12 mm
NS-0120	NATO® Floor Polishing Disc, Velcro Attachment, 120 Grit	3in / 81.5mm	12 mm
NS-0220	NATO® Floor Polishing Disc, Velcro Attachment, 220 Grit	3in / 81.5mm	12 mm
NS-0400	NATO® Floor Polishing Disc, Velcro Attachment, 400 Grit	3in / 81.5mm	12 mm
NS-0800	NATO® Floor Polishing Disc, Velcro Attachment, 800 Grit	3in / 81.5mm	12 mm
NS-1800	NATO® Floor Polishing Disc, Velcro Attachment, 1800 Grit	3in / 81.5mm	12 mm
NS-3500	NATO® Floor Polishing Disc, Velcro Attachment, 3500 Grit	3in / 81.5mm	12 mm
NS-8500	NATO® Floor Polishing Disc, Velcro Attachment, 8500 Grit	3in / 81.5mm	12 mm



CONCRETE POLISHING

WAFFEL POLISHING PADS

WAFFEL polishing pads are high quality resin pads that can be used dry and wet. Offered in several sizes: 7 Inch with two rows of segments for LAVINA 7 edger; 9 Inch with three rows of segments for larger, heavier machines such as L25L and L32; Also in 10.63 and 14 Inch size which can be used with the Trowel Shine system.

Also offered in Copper bond for lippage removal on stone surfaces - see page 36

WAFFEL Pads, Dry and Wet, 7 Inch, 2 Rows of Segments

Item Number	Description	Size	Thickness
WAFF-7-0030D	WAFFEL Floor Polishing Pad, Velcro Attachment, 30 Grit	7in / 175mm	6 mm
WAFF-7-0050D	WAFFEL Floor Polishing Pad, Velcro Attachment, 50 Grit	7in / 175mm	6 mm
WAFF-7-0100D	WAFFEL Floor Polishing Pad, Velcro Attachment, 100 Grit	7in / 175mm	6 mm
WAFF-7-0200D	WAFFEL Floor Polishing Pad, Velcro Attachment, 200 Grit	7in / 175mm	6 mm
WAFF-7-0400D	WAFFEL Floor Polishing Pad, Velcro Attachment, 400 Grit	7in / 175mm	6 mm
WAFF-7-0800D	WAFFEL Floor Polishing Pad, Velcro Attachment, 800 Grit	7in / 175mm	6 mm
WAFF-7-1500D	WAFFEL Floor Polishing Pad, Velcro Attachment, 1500 Grit	7in / 175mm	6 mm
WAFF-7-3000D	WAFFEL Floor Polishing Pad, Velcro Attachment, 3000 Grit	7in / 175mm	6 mm



WAFFEL Pads, Dry and Wet, 9 Inch, 3 Rows of Segments

Item Number	Description	Size	Thickness
WAFF-9-0030D	WAFFEL Floor Polishing Pad, Velcro Attachment, 30 Grit	9in / 232mm	10 mm
WAFF-9-0050D	WAFFEL Floor Polishing Pad, Velcro Attachment, 50 Grit	9in / 232mm	10 mm
WAFF-9-0100D	WAFFEL Floor Polishing Pad, Velcro Attachment, 100 Grit	9in / 232mm	10 mm
WAFF-9-0200D	WAFFEL Floor Polishing Pad, Velcro Attachment, 200 Grit	9in / 232mm	10 mm
WAFF-9-0400D	WAFFEL Floor Polishing Pad, Velcro Attachment, 400 Grit	9in / 232mm	10 mm
WAFF-9-0800D	WAFFEL Floor Polishing Pad, Velcro Attachment, 800 Grit	9in / 232mm	10 mm
WAFF-9-1500D	WAFFEL Floor Polishing Pad, Velcro Attachment, 1500 Grit	9in / 232mm	10 mm
WAFF-9-3000D	WAFFEL Floor Polishing Pad, Velcro Attachment, 3000 Grit	9in / 232mm	10 mm



CONCRETE POLISHING

WAFFEL - OTHER POPULAR SIZES

WAFFEL Pads, Dry and Wet, 10.63 Inch, 3 Rows of Segments

Item Number	Description	Size	Thickness
WAFF-10.63-0050D	WAFFEL Floor Polishing Pad, Velcro Attachment, 50 Grit	10.63in / 270mm	10 mm
WAFF-10.63-0100D	WAFFEL Floor Polishing Pad, Velcro Attachment, 100 Grit	10.63in / 270mm	10 mm
WAFF-10.63-0200D	WAFFEL Floor Polishing Pad, Velcro Attachment, 200 Grit	10.63in / 270mm	10 mm
WAFF-10.63-0400D	WAFFEL Floor Polishing Pad, Velcro Attachment, 400 Grit	10.63in / 270mm	10 mm
WAFF-10.63-0800D	WAFFEL Floor Polishing Pad, Velcro Attachment, 800 Grit	10.63in / 270mm	10 mm
WAFF-10.63-1500D	WAFFEL Floor Polishing Pad, Velcro Attachment, 1500 Grit	10.63in / 270mm	10 mm



WAFFEL Pads, Dry and Wet, 14 Inch, 3 Rows of Segments

Item Number	Description	Size	Thickness
WAFF-14-0050D	WAFFEL Floor Polishing Pad, Velcro Attachment, 50 Grit	14in / 355mm	10 mm
WAFF-14-0100D	WAFFEL Floor Polishing Pad, Velcro Attachment, 100 Grit	14in / 355mm	10 mm
WAFF-14-0200D	WAFFEL Floor Polishing Pad, Velcro Attachment, 200 Grit	14in / 355mm	10 mm
WAFF-14-0400D	WAFFEL Floor Polishing Pad, Velcro Attachment, 400 Grit	14in / 355mm	10 mm
WAFF-14-0800D	WAFFEL Floor Polishing Pad, Velcro Attachment, 800 Grit	14in / 355mm	10 mm
WAFF-14-1500D	WAFFEL Floor Polishing Pad, Velcro Attachment, 1500 Grit	14in / 355mm	10 mm



CONCRETE POLISHING

V-HARR® PREMIUM POLISHING PADS

V-HARR® is one of Superabrasive's most versatile and popular polishing pads, designed for mechanically restoring and polishing concrete. Dry use is strongly recommended for concrete applications. V-HARR® is also ideal for terrazzo and hard stone floors, and will produce remarkable gloss results on black granite when used wet. Offered in all popular sizes for use with any planetary polisher.

V-HARR® Pads, Dry, 9 Inch, 3 Rows of Resin

Item Number	Description	Size	Bond
VF-9-0050	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 50 Grit	9in / 225mm	resin
VF-9-0120	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 120 Grit	9in / 225mm	resin
VF-9-0220	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 220 Grit	9in / 225mm	resin
VF-9-0400	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 400 Grit	9in / 225mm	resin
VF-9-0800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 800 Grit	9in / 225mm	resin
VF-9-1800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 1800 Grit	9in / 225mm	resin
VF-9-3500	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 3500 Grit	9in / 225mm	resin
VF-9-BUFF	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 8500 Grit	9in / 225mm	resin



V-HARR® Pads, Dry, 13.1 Inch, 2 Rows of Resin

Item Number	Description	Size	Bond
VF-13.5-0220	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 220 Grit	13.1in / 333mm	resin
VF-13.5-0400	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 400 Grit	13.1in / 333mm	resin
VF-13.5-0800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 800 Grit	13.1in / 333mm	resin
VF-13.5-1800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 1800 Grit	13.1in / 333mm	resin
VF-13.5-3500	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 3500 Grit	13.1in / 333mm	resin
VF-13.5-BUFF	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 8500 Grit	13.1in / 333mm	resin



CONCRETE POLISHING

V-HARR® - OTHER POPULAR SIZES

V-HARR® Pads, Dry, 5 Inch, 3 Rows of Resin

Item Number	Description	Size	Bond
VF-5-0050	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 50 Grit	5in / 127mm	resin
VF-5-0120	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 120 Grit	5in / 127mm	resin
VF-5-0220	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 220 Grit	5in / 127mm	resin
VF-5-0400	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 400 Grit	5in / 127mm	resin
VF-5-0800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 800 Grit	5in / 127mm	resin
VF-5-1800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 1800 Grit	5in / 127mm	resin
VF-5-3500	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 3500 Grit	5in / 127mm	resin
VF-5-BUFF	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 8500 Grit	5in / 127mm	resin

V-HARR® Pads, Dry, 7 Inch, 2 Rows of Resin

Item Number	Description	Size	Bond
VF-7-0050	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 50 Grit	7in / 175mm	resin
VF-7-0120	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 120 Grit	7in / 175mm	resin
VF-7-0220	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 220 Grit	7in / 175mm	resin
VF-7-0400	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 400 Grit	7in / 175mm	resin
VF-7-0800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 800 Grit	7in / 175mm	resin
VF-7-1800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 1800 Grit	7in / 175mm	resin
VF-7-3500	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 3500 Grit	7in / 175mm	resin
VF-7-BUFF	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 8500 Grit	7in / 175mm	resin

V-HARR® Pads, Dry, 10.63 Inch, 3 Rows of Resin

Item Number	Description	Size	Bond
VF-10.63-0120	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 120 Grit	10.63in / 270mm	resin
VF-10.63-0220	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 220 Grit	10.63in / 270mm	resin
VF-10.63-0400	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 400 Grit	10.63in / 270mm	resin
VF-10.63-0800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 800 Grit	10.63in / 270mm	resin
VF-10.63-1800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 1800 Grit	10.63in / 270mm	resin
VF-10.63-3500	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 3500 Grit	10.63in / 270mm	resin
VF-10.63-BUFF	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 8500 Grit	10.63in / 270mm	resin

V-HARR® Pads, Dry, 14 Inch, 3 Rows of Resin for Trowel Shine

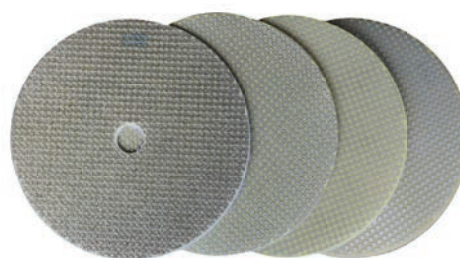
Item Number	Description	Size	Bond
VF-14-1800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 1800 Grit	14in / 355mm	resin
VF-14-3500	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 3500 Grit	14in / 355mm	resin
VF-14-BUFF	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 8500 Grit	14in / 355mm	resin

STONE GRINDING AND POLISHING

FLEXIBLE ELECTROPLATED PADS

Designed for fine grinding and honing of natural stone, engineered stone, and fine wood surfaces, but they work best on softer natural stones such as marble, travertine, limestone, and onyx. Available in a variety of sizes for use with various grinding machines - 3, 4, 5, 7 and 9-inches.

Item Number	Description	Size	Grit	Thickness (mm)
3EL-FL-0050	Flexible electroplated pad, 3 inch, 50 grit	3in / 76mm	50	0.5 mm
3EL-FL-0070	Flexible electroplated pad, 3 inch, 70 grit	3in / 76mm	70	0.5 mm
3EL-FL-0120	Flexible electroplated pad, 3 inch, 120 grit	3in / 76mm	120	0.5 mm
3EL-FL-0220	Flexible electroplated pad, 3 inch, 220 grit	3in / 76mm	220	0.5 mm
3EL-FL-0400	Flexible electroplated pad, 3 inch, 400 grit	3in / 76mm	400	0.5 mm
3EL-FL-0600	Flexible electroplated pad, 3 inch, 600 grit	3in / 76mm	600	0.5 mm
4EL-FL-0050	Flexible electroplated pad, 4 inch, 50 grit	4in / 102mm	50	0.5 mm
4EL-FL-0070	Flexible electroplated pad, 4 inch, 70 grit	4in / 102mm	70	0.5 mm
4EL-FL-0120	Flexible electroplated pad, 4 inch, 120 grit	4in / 102mm	120	0.5 mm
4EL-FL-0220	Flexible electroplated pad, 4 inch, 220 grit	4in / 102mm	220	0.5 mm
4EL-FL-0400	Flexible electroplated pad, 4 inch, 400 grit	4in / 102mm	400	0.5 mm
4EL-FL-0600	Flexible electroplated pad, 4 inch, 600 grit	4in / 102mm	600	0.5 mm
5EL-FL-0050	Flexible electroplated pad, 5 inch, 50 grit	5in / 127mm	50	0.5 mm
5EL-FL-0070	Flexible electroplated pad, 5 inch, 70 grit	5in / 127mm	70	0.5 mm
5EL-FL-0120	Flexible electroplated pad, 5 inch, 120 grit	5in / 127mm	120	0.5 mm
5EL-FL-0220	Flexible electroplated pad, 5 inch, 220 grit	5in / 127mm	220	0.5 mm
5EL-FL-0400	Flexible electroplated pad, 5 inch, 400 grit	5in / 127mm	400	0.5 mm
5EL-FL-0600	Flexible electroplated pad, 5 inch, 600 grit	5in / 127mm	600	0.5 mm
7EL-FL-0050	Flexible electroplated pad, 7 inch, 50 grit	7in / 178mm	50	0.5 mm
7EL-FL-0070	Flexible electroplated pad, 7 inch, 70 grit	7in / 178mm	70	0.5 mm
7EL-FL-0120	Flexible electroplated pad, 7 inch, 120 grit	7in / 178mm	120	0.5 mm
7EL-FL-0220	Flexible electroplated pad, 7 inch, 220 grit	7in / 178mm	220	0.5 mm
7EL-FL-0400	Flexible electroplated pad, 7 inch, 400 grit	7in / 178mm	400	0.5 mm
7EL-FL-0600	Flexible electroplated pad, 7 inch, 600 grit	7in / 178mm	600	0.5 mm



STONE GRINDING AND POLISHING

SPIRAL POLISHING PADS

The undisputed solution for polishing natural stone floors. Both spiral patterns enable water to efficiently dispose of slurry, keeping the working surface clean. The standard spiral pattern is designed for medium to softer stones, such as marble, travertine, onyx, and limestone. The wide channel pattern with a larger footprint is more appropriate for harder stone such as granite. Both versions should be used wet only.

Spiral Polishing Pads for Stone, **Wet Only**, 3 Inch

Item Number	Description	Size	Grit	Thickness
10-3-0030	Spiral Polishing Pad for Stone, Resin, 3 Inch, 30 Grit	3in / 76mm	30	6 mm
10-3-0050	Spiral Polishing Pad for Stone, Resin, 3 Inch, 50 Grit	3in / 76mm	50	6 mm
10-3-0120	Spiral Polishing Pad for Stone, Resin, 3 Inch, 120 Grit	3in / 76mm	120	6 mm
10-3-0220	Spiral Polishing Pad for Stone, Resin, 3 Inch, 220 Grit	3in / 76mm	220	6 mm
10-3-0400	Spiral Polishing Pad for Stone, Resin, 3 Inch, 400 Grit	3in / 76mm	400	6 mm
10-3-0800	Spiral Polishing Pad for Stone, Resin, 3 Inch, 800 Grit	3in / 76mm	800	6 mm
10-3-1800	Spiral Polishing Pad for Stone, Resin, 3 Inch, 1800 Grit	3in / 76mm	1800	6 mm
10-3-3500	Spiral Polishing Pad for Stone, Resin, 3 Inch, 3500 Grit	3in / 76mm	3500	6 mm
10-3-8500	Spiral Polishing Pad for Stone, Resin, 3 Inch, 8500 Grit	3in / 76mm	8500	6 mm

Spiral Polishing Pads for Stone with Wide Channels, **Wet Only**, 3 Inch

Item Number	Description	Size	Grit	Thickness
10-SA-0050	Spiral Pad for Stone, Wide Channels, Resin, 3 Inch, 50 Grit	3in / 76mm	50	6 mm
10-SA-0120	Spiral Pad for Stone, Wide Channels, Resin, 3 Inch, 120 Grit	3in / 76mm	120	6 mm
10-SA-0220	Spiral Pad for Stone, Wide Channels, Resin, 3 Inch, 220 Grit	3in / 76mm	220	6 mm
10-SA-0400	Spiral Pad for Stone, Wide Channels, Resin, 3 Inch, 400 Grit	3in / 76mm	400	6 mm
10-SA-0800	Spiral Pad for Stone, Wide Channels, Resin, 3 Inch, 800 Grit	3in / 76mm	800	6 mm
10-SA-1800	Spiral Pad for Stone, Wide Channels, Resin, 3 Inch, 1800 Grit	3in / 76mm	1800	6 mm
10-SA-3500	Spiral Pad for Stone, Wide Channels, Resin, 3 Inch, 3500 Grit	3in / 76mm	3500	6 mm
10-SA-8500	Spiral Pad for Stone, Wide Channels, Resin, 3 Inch, 8500 Grit	3in / 76mm	8500	6 mm



CORNERS AND EDGES

TURBO CUPS WITH THREADS

Designed for grinding and shaping stone and concrete surfaces, our turbo cups are aggressive cutters at very high speeds, on even the hardest of surfaces. Offered in 4" and 5 inch size, in coarse, medium, and fine grits.



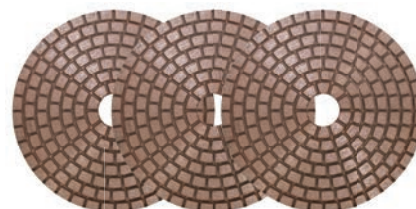
Turbo Cups with Threads, Metal Bond, 4 and 5 Inch

Item Number	EU Item Number	Description	Size	Grit
TC4-5/8-11-C	TC4-M14-C	Turbo cup, 5/8-11 or M14 thread, coarse grit	4in / 102mm	coarse
TC4-5/8-11-M	TC4-M14-M	Turbo cup, 5/8-11 or M14 thread, medium grit	4in / 102mm	medium
TC4-5/8-11-F	TC4-M14-F	Turbo cup, 5/8-11or M14 thread, fine grit	4in / 102mm	fine

Item Number	EU Item Number	Description	Size	Grit
TC5-5/8-11-C	TC5-M14-C	Turbo cup, 5/8-11 or M14 thread, coarse grit	5in / 125mm	coarse
TC5-5/8-11-M	TC5-M14-M	Turbo cup, 5/8-11 or M14 thread, medium grit	5in / 125mm	medium
TC5-5/8-11-F	TC5-M14-F	Turbo cup, 5/8-11or M14 thread, fine grit	5in / 125mm	fine

3N COPPER PADS

An excellent solution for corner grinding and honing. They are available in 4 and 5 inch sizes for use with any hand-held grinder.



3N Copper Pads, 4 and 5 inch

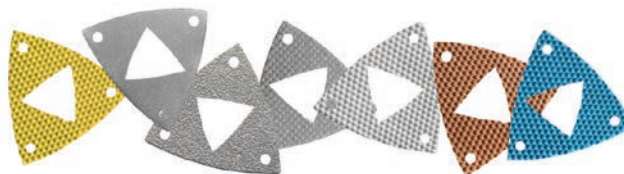
Item Number	Description	Size	Grit	Thickness
3N-4-CO030	3N Copper Pad for Polishing, 4 Inch, 30 Grit	4in / 101.6mm	30	3 mm
3N-4-CO050	3N Copper Pad for Polishing, 4 Inch, 50 Grit	4in / 101.6mm	50	3 mm
3N-4-CO070	3N Copper Pad for Polishing, 4 Inch, 70 Grit	4in / 101.6mm	70	3 mm
3N-4-CO120	3N Copper Pad for Polishing, 4 Inch, 120 Grit	4in / 101.6mm	120	3 mm
3N-4-CO220	3N Copper Pad for Polishing, 4 Inch, 220 Grit	4in / 101.6mm	220	3 mm

Item Number	Description	Size	Grit	Thickness
3N-5-CO030	3N Copper Pad for Polishing, 5 Inch, 30 Grit	5in / 125mm	30	3 mm
3N-5-CO050	3N Copper Pad for Polishing, 5 Inch, 50 Grit	5in / 125mm	50	3 mm
3N-5-CO070	3N Copper Pad for Polishing, 5 Inch, 70 Grit	5in / 125mm	70	3 mm
3N-5-CO120	3N Copper Pad for Polishing, 5 Inch, 120 Grit	5in / 125mm	120	3 mm
3N-5-CO220	3N Copper Pad for Polishing, 5 Inch, 220 Grit	5in / 125mm	220	3 mm

CORNERS AND EDGES

CORNERPRO POLISHING SYSTEM

CornerPro pads feature a special triangular shape for reaching the furthest depths of corners and edges. We offer CornerPro in brazed, resin, and electroplated bonds to accommodate various applications.



CornerPro Polishing System

Item Number	Description	Size	Bond
3ANG-BR-0046	Triangle-shaped CornerPro tool, brazed bond, 46 grit	standard	brazed
3ANG-EL-0050	Triangle-shaped CornerPro tool, electroplated bond, 50 grit	standard	electroplated
3ANG-EL-0120	Triangle-shaped CornerPro tool, electroplated bond, 120 grit	standard	electroplated
3ANG-EL-0220	Triangle-shaped CornerPro tool, electroplated bond, 220 grit	standard	electroplated
3ANG-EL-0400	Triangle-shaped CornerPro tool, electroplated bond, 400 grit	standard	electroplated
3ANG-EL 0600	Triangle-shaped CornerPro tool, electroplated bond, 600 grit	standard	electroplated
3ANG-ES-0400	Triangle-shaped CornerPro tool, resin bond, 400 grit	standard	resin
3ANG-ES-0600	Triangle-shaped CornerPro tool, resin bond, 600 grit	standard	resin
3ANG-ES-0800	Triangle-shaped CornerPro tool, resin bond, 800 grit	standard	resin
3ANG-ES-1800	Triangle-shaped CornerPro tool, resin bond, 1800 grit	standard	resin

METAL AND COPPER RINGS FOR STONE

These rings are an aggressive solution for removing stock and deep scratches in stone surfaces, including granite, marble, travertine, and others. We do not recommend them for work on concrete or engineered stone. For wet use only! Also offered in 4 Inch.



Metal and Copper Bond Rings for Stone Grinding, Wet Only, 3 Inch

Item Number	Description	Size	Grit	Bond	Thickness
SAMBR3-46	Metal bond ring for stone grinding, 3 inch, 46 grit	3in / 76mm	46	metal	6 mm
SAMBR3-70	Metal bond ring for stone grinding, 3 inch, 70 grit	3in / 76mm	70	metal	6 mm
SARBR3-120	Copper bond ring for stone grinding, 3 inch, 120 grit	3in / 76mm	120	copper	6 mm

STONE COUNTERTOPS

3N RESIN POLISHING PADS FOR NATURAL STONE

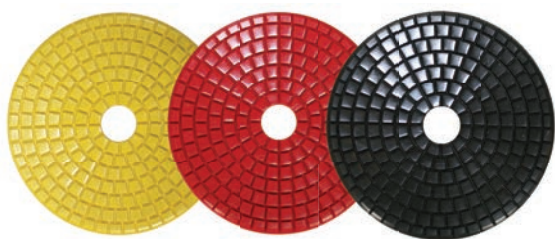
The 3N pads are a flexible and durable solution for polishing marble and granite. Available in a wide variety of sizes including 3, 4, 5, and 7 inches.

3N Resin Polishing Pads, 4 Inch, Velcro Attachment

Item Number	Description	Size	Bond	Thickness
3N-4-0050	3N Polishing Pads, 4 Inch, Resin, 50 Grit	4 inch / 101.6 mm	resin	2 mm
3N-4-0120	3N Polishing Pads, 4 Inch, Resin, 120 Grit	4 inch / 101.6 mm	resin	2 mm
3N-4-0220	3N Polishing Pads, 4 Inch, Resin, 220 Grit	4 inch / 101.6 mm	resin	2 mm
3N-4-0400	3N Polishing Pads, 4 Inch, Resin, 400 Grit	4 inch / 101.6 mm	resin	2 mm
3N-4-0800	3N Polishing Pads, 4 Inch, Resin, 800 Grit	4 inch / 101.6 mm	resin	2 mm
3N-4-1800	3N Polishing Pads, 4 Inch, Resin, 1800 Grit	4 inch / 101.6 mm	resin	2 mm
3N-4-3500	3N Polishing Pads, 4 Inch, Resin, 3500 Grit	4 inch / 101.6 mm	resin	2 mm
3N-4-8500	3N Polishing Pads, 4 Inch, Resin, 8500 Grit	4 inch / 101.6 mm	resin	2 mm

3N Resin Polishing Pads, 5 Inch, Velcro Attachment

Item Number	Description	Size	Bond	Thickness
3N-5-0050	3N Polishing Pads, 5 Inch, Resin, 50 Grit	5 inch / 125 mm	resin	2 mm
3N-5-0120	3N Polishing Pads, 5 Inch, Resin, 120 Grit	5 inch / 125 mm	resin	2 mm
3N-5-0220	3N Polishing Pads, 5 Inch, Resin, 220 Grit	5 inch / 125 mm	resin	2 mm
3N-5-0400	3N Polishing Pads, 5 Inch, Resin, 400 Grit	5 inch / 125 mm	resin	2 mm
3N-5-0800	3N Polishing Pads, 5 Inch, Resin, 800 Grit	5 inch / 125 mm	resin	2 mm
3N-5-1800	3N Polishing Pads, 5 Inch, Resin, 1800 Grit	5 inch / 125 mm	resin	2 mm
3N-5-3500	3N Polishing Pads, 5 Inch, Resin, 3500 Grit	5 inch / 125 mm	resin	2 mm
3N-5-8500	3N Polishing Pads, 5 Inch, Resin, 8500 Grit	5 inch / 125 mm	resin	2 mm



CONCRETE COUNTERTOPS

3N HIGH PERFORMANCE POLISHING PADS

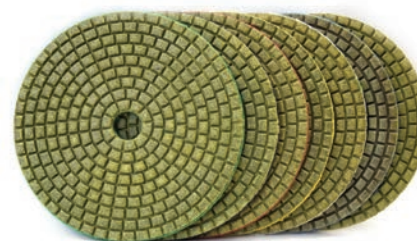
The go to solution for concrete countertop professionals. Produced with a revolutionary **dry-only High Performance bond**, they achieve an exceptionally smooth and even polish on concrete countertops. Available in 4 and 5 inch sizes, they may also be used with an angle grinder for corner work on concrete floors.

3N High Performance Pads, 4 Inch, Dry Only

Item Number	Description	Size	Thickness
3N-HP-4-0050	3N High Performance Pads, 4 Inch, Resin, Dry Only, 50 Grit	4in / 99mm	3mm
3N-HP-4-0100	3N High Performance Pads, 4 Inch, Resin, Dry Only, 100 Grit	4in / 99mm	3mm
3N-HP-4-0200	3N High Performance Pads, 4 Inch, Resin, Dry Only, 200 Grit	4in / 99mm	3mm
3N-HP-4-0400	3N High Performance Pads, 4 Inch, Resin, Dry Only, 400 Grit	4in / 99mm	3mm
3N-HP-4-0800	3N High Performance Pads, 4 Inch, Resin, Dry Only, 800 Grit	4in / 99mm	3mm
3N-HP-4-1500	3N High Performance Pads, 4 Inch, Resin, Dry Only, 1500 Grit	4in / 99mm	3mm
3N-HP-4-3000	3N High Performance Pads, 4 Inch, Resin, Dry Only, 3000 Grit	4in / 99mm	3mm
3N-HP-4-BUFF	3N High Performance Pads, 4 Inch, Resin, Dry Only, BUFF Grit	4in / 99mm	3mm

3N High Performance Pads, 5 Inch, Dry Only

Item Number	Description	Size	Thickness
3N-HP-5-0050	3N High Performance Pads, 5 Inch, Resin, Dry Only, 50 Grit	5in / 125mm	3mm
3N-HP-5-0100	3N High Performance Pads, 5 Inch, Resin, Dry Only, 100 Grit	5in / 125mm	3mm
3N-HP-5-0200	3N High Performance Pads, 5 Inch, Resin, Dry Only, 200 Grit	5in / 125mm	3mm
3N-HP-5-0400	3N High Performance Pads, 5 Inch, Resin, Dry Only, 400 Grit	5in / 125mm	3mm
3N-HP-5-0800	3N High Performance Pads, 5 Inch, Resin, Dry Only, 800 Grit	5in / 125mm	3mm
3N-HP-5-1500	3N High Performance Pads, 5 Inch, Resin, Dry Only, 1500 Grit	5in / 125mm	3mm
3N-HP-5-3000	3N High Performance Pads, 5 Inch, Resin, Dry Only, 3000 Grit	5in / 125mm	3mm
3N-HP-5-BUFF	3N High Performance Pads, 5 Inch, Resin, Dry Only, BUFF Grit	5in / 125mm	3mm



FLOOR MAINTENANCE



**AN EFFICIENT AND VERSATILE SOLUTION FOR FLOOR RESTORATION AND MAINTENANCE.
OUTSTANDING RESULTS ON POLISHED CONCRETE, NATURAL STONE, TERRAZZO, VCT, RESIN FLOORS AND OVERLAYS.**

SHINEPRO® DIAMOND PADS



SHINEPRO® DIAMOND SCREENS



- Most maintenance schedules require a single step - ShinePro BUFF. ShinePro BUFF is a fine grit diamond pad for micro polishing and mechanically cleaning sealed and non-sealed floors. It is ideal for daily autoscubbing as well as for periodic burnishing. It will improve the floor shine, without removing sealers or wax, or causing any orange peel effect.
- ShinePro Screens are ideal for spot repair and restoration. They can be used on weighted swing machines for smaller areas, or burnishers and autoscubbers for larger areas.
- The ShinePro VCT process offers outstanding results and cost savings. It will extend the life of wax with daily maintenance, and cut labor and chemical cost in half.



ONE FLOOR

MAINTENANCE PROGRAM FOR POLISHED CONCRETE FLOORS

PLAY THE LONG GAME. Yes, polished concrete floors are low-maintenance, but they aren't no-maintenance. Once you have installed polished concrete floors in your building, a maintenance program needs to be implemented to help preserve your investment. Many things can deteriorate the cleanliness, shine and safety of your floor - foot and equipment traffic, spills, improper use of chemicals and equipment, etc. This is where the One Floor polished concrete floor maintenance program comes in. It can be customized to your floor, and equips you with all the necessary components to prolong the look and life of your polished concrete floors. For years to come.

KEEP FLOORS CLEAN, BRIGHT AND SAFE

EXTEND THE LIFE OF YOUR FLOORS AND PRESERVE YOUR INVESTMENT

REPAIR SMALL PROBLEMS BEFORE THEY BECOME BIG PROBLEMS

traffic patterns, low gloss, stains

ONE SIZE DOES NOT FIT ALL

plan can be tailored to fit individual floor needs

EVALUATION

DETERMINE WHAT TYPE OF FLOOR YOU HAVE - MECHANICALLY POLISHED OR SEALED? IF YOUR FLOOR IS POLISHED, EVALUATE ITS CONDITION AND DECIDE WHAT LEVEL OF SERVICE IT REQUIRES.

Some sections of the floor may require different levels of maintenance.

If you have a sealed decorative floor, we can tailor a custom maintenance plan based on your needs.

ROUTINE

FOR NORMAL DAILY MAINTENANCE TO KEEP YOUR FLOOR LOOKING GREAT.

1. Dust mop.
2. Scrub with autoscrubber with ShinePro BUFF pad and DailyKlean.
3. (optional) High-speed burnish 1-3 times a week with ShinePro BUFF pad.



REFRESH

TO BRING LIGHTLY STAINED OR DIRTY FLOORS BACK TO EXPECTED GLOSS LEVELS.

1. Dust mop.
2. Scrub with ShinePro 1800 pad for four passes with LSKlean in auto-scrubber.
3. High-speed burnish with ShinePro 1800 grit pad.

Alternate the direction of the auto-scrubber each night, starting at the stopping point from the previous night. Walk at a slower pace at areas with lower gloss or staining.

WHEN THE REFRESH MAINTENANCE PLAN DOES NOT BRING BACK GLOSS OR CLARIFY THE FLOOR AS DESIRED, PROCEED TO THE REVIVE PLAN.

REVIVE

FOR LIGHTLY STAINED OR DIRTY FLOORS WHEN THE REFRESH MAINTENANCE DOES NOT BRING BACK DESIRED CLARITY OR GLOSS.

1. Dust mop.
2. Scrub floor with ShinePro 800 grit pad for four passes, then two passes with ShinePro 1800 grit pad using Cleaner/Degreaser in the scrubber mixed at 2oz per gal.*
3. High-speed burnish with ShinePro 1800 grit pad.
4. Dust mop.
5. Apply appropriate Consolideck protective treatment (LSGuard, PolishGuard, Concrete Protector WB, or Concrete Protector SB).
6. High-speed burnish with ShinePro BUFF pad.



*REVIVE MAINTENANCE SPOT REPAIRS:

1. When Step 2 does not remove acid etches in the floor, it's time for the optional spot repair.
2. Mix Cleaner/Degreaser in a mop bucket or pump-up sprayer at 4oz per gallon.
3. Apply a very heavy application to the area to be repaired and allow to dwell for 10 minutes.
4. Use NSS 17" weighted buffer equipped with a ShinePro 400 grit pad. (If this doesn't work, drop down to a ShinePro 220 grit pad or even a ShinePro 400 grit screen).
5. Scrub floor with ShinePro 800 grit pad for four passes, then two passes with ShinePro 1800 grit pad using Cleaner/Degreaser in the scrubber mixed at 2oz per gal.
6. Apply a thin application of Consolideck LS/CS to the repaired damaged area and allow to dry before proceeding to step 7.
7. High-speed burnish with ShinePro 1800 grit pad.
8. Dust mop.
9. Apply appropriate Consolideck protective treatment (LSGuard, PolishGuard, Concrete Protector WB, or Concrete Protector SB).
10. High-speed burnish with ShinePro BUFF pad.

WHEN THE FLOOR IS TOO DAMAGED AND DOESN'T RESPOND TO THE REVIVE PLAN, IT'S TIME FOR A RESTORATION. PLEASE CONTACT US FOR COMPLETE DETAILS ON THE RESTORATION PROCESS.

FLOOR MAINTENANCE

SHINEPRO® DIAMOND PADS

ShinePro diamond pads can be used Dry on high speed burnishers, and Wet on auto scrubbers, buffers and other floor machines. For wet applications, use them with water, or any approved cleaning solution (follow the chemical application directions exactly). It is very important that operators not over apply cleaners to the floor, as this can leave behind residue and interfere with the floor shine.

Offered in 7, 8, 9, 12, 13, 14, 15, 16, 17, 18, 20, 21, 24 and 27 inch sizes.

ShinePro® Pads, 13 Inch

Item Number	Description	Size	Grit
DCP-13-0220-HD	ShinePro® Pads for Floor Maintenance, 13 Inch, 220 Grit	13 in / 330 mm	220
DCP-13-0400-HD	ShinePro® Pads for Floor Maintenance, 13 Inch, 400 Grit	13 in / 330 mm	400
DCP-13-0800	ShinePro® Pads for Floor Maintenance, 13 Inch, 800 Grit	13 in / 330 mm	800
DCP-13-1800	ShinePro® Pads for Floor Maintenance, 13 Inch, 1800 Grit	13 in / 330 mm	1800
DCP-13-BUFF	ShinePro® Pads for Floor Maintenance, 13 Inch, BUFF Grit	13 in / 330 mm	BUFF

ShinePro® Pads, 17 Inch

Item Number	Description	Size	Grit
DCP-17-0220-HD	ShinePro® Pads for Floor Maintenance, 17 Inch, 220 Grit	17 in / 432 mm	220
DCP-17-0400-HD	ShinePro® Pads for Floor Maintenance, 17 Inch, 400 Grit	17 in / 432 mm	400
DCP-17-0800	ShinePro® Pads for Floor Maintenance, 17 Inch, 800 Grit	17 in / 432 mm	800
DCP-17-1800	ShinePro® Pads for Floor Maintenance, 17 Inch, 1800 Grit	17 in / 432 mm	1800
DCP-17-BUFF	ShinePro® Pads for Floor Maintenance, 17 Inch, BUFF Grit	17 in / 432 mm	BUFF

ShinePro® Pads, 21 Inch

Item Number	Description	Size	Grit
DCP-21-0220-HD	ShinePro® Pads for Floor Maintenance, 21 Inch, 220 Grit	21 in / 533 mm	220
DCP-21-0400-HD	ShinePro® Pads for Floor Maintenance, 21 Inch, 400 Grit	21 in / 533 mm	400
DCP-21-0800	ShinePro® Pads for Floor Maintenance, 21 Inch, 800 Grit	21 in / 533 mm	800
DCP-21-1800	ShinePro® Pads for Floor Maintenance, 21 Inch, 1800 Grit	21 in / 533 mm	1800
DCP-21-BUFF	ShinePro® Pads for Floor Maintenance, 21 Inch, BUFF Grit	21 in / 533 mm	BUFF

ShinePro® Pads, 27 Inch

Item Number	Description	Size	Grit
DCP-27-0220-HD	ShinePro® Pads for Floor Maintenance, 27 Inch, 220 Grit	27 in / 686 mm	220
DCP-27-0400-HD	ShinePro® Pads for Floor Maintenance, 27 Inch, 400 Grit	27 in / 686 mm	400
DCP-27-0800	ShinePro® Pads for Floor Maintenance, 27 Inch, 800 Grit	27 in / 686 mm	800
DCP-27-1800	ShinePro® Pads for Floor Maintenance, 27 Inch, 1800 Grit	27 in / 686 mm	1800
DCP-27-BUFF	ShinePro® Pads for Floor Maintenance, 27 Inch, BUFF Grit	27 in / 686 mm	BUFF

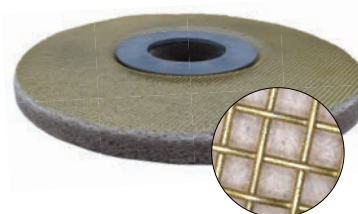
FLOOR MAINTENANCE

SHINEPRO® DIAMOND SCREENS

ShinePro screens are ideal for spot repair and restoration - you can start with 600 grit screens and continue with ShinePro pads. Heavily etched floors may require starting with 400 grit screens. We recommend using the screens wet - with weighted swing machines for smaller areas and autoscrubbers for larger areas.

Offered in 13, 14, 15, 16, 17, 18, 20, 21, 24 and 27 inch sizes.

PATENTED DESIGN



ShinePro® Screens, Electroplated, 13 Inch

Item Number	Description	Size	Grit
DS-13-0220	ShinePro® Screen, Electroplated, 220 Grit	13 in / 330 mm	220
DS-13-0400	ShinePro® Screen, Electroplated, 400 Grit	13 in / 330 mm	400
DS-13-0600	ShinePro® Screens, Electroplated, 600 Grit	13 in / 330 mm	600

ShinePro® Screens, Electroplated, 17 Inch

Item Number	Description	Size	Grit
DS-17-0220	ShinePro® Screen, Electroplated, 220 Grit	17 in / 432 mm	220
DS-17-0400	ShinePro® Screen, Electroplated, 400 Grit	17 in / 432 mm	400
DS-17-0600	ShinePro® Screen, Electroplated, 600 Grit	17 in / 432 mm	600

ShinePro® Screens, Electroplated, 21 Inch

Item Number	Description	Size	Grit
DS-21-0220	ShinePro® Screen, Electroplated, 220 Grit	21 in / 533 mm	220
DS-21-0400	ShinePro® Screen, Electroplated, 400 Grit	21 in / 533 mm	400
DS-21-0600	ShinePro® Screen, Electroplated, 600 Grit	21 in / 533 mm	600

ShinePro® Screens, Electroplated, 27 Inch

Item Number	Description	Size	Grit
DS-27-0220	ShinePro® Screen, Electroplated, 220 Grit	27 in / 686 mm	220
DS-27-0400	ShinePro® Screen, Electroplated, 400 Grit	27 in / 686 mm	400
DS-27-0600	ShinePro® Screen, Electroplated, 600 Grit	27 in / 686 mm	600



ACCESSORIES

LAVINA PLATES

QuickChange metal tools are attached directly to the heads/tool holders of the new X and S series machines, and no additional metal plates are needed. For specific metal tool holder information, please refer to your machine manual.

Foam Plates for Attaching Velcro-Backed Tooling

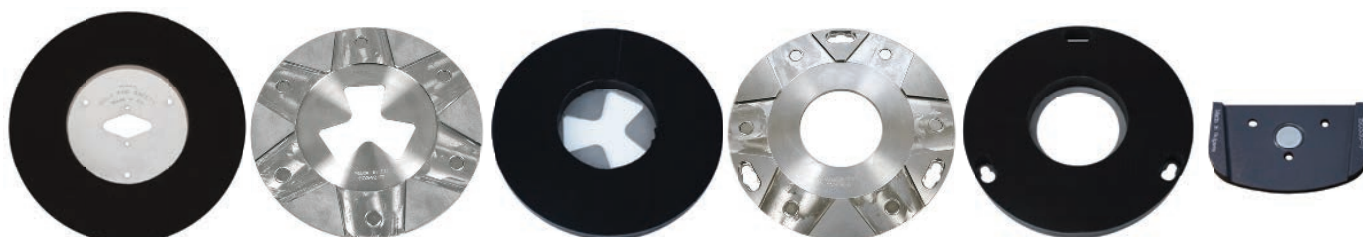
Item Number	Description	Size
LV-7-FP	Foam Plate for LAVINA® 7, 16, 21-X	7in / 175mm
A22-7.00.00	Foam Plate for LAVINA® 21-1.5 / M16	7in / 175mm
A22.00.00	Foam Plate for LAVINA® 21-S-1.5 / 21-220 / M20	8in / 200mm
LV-9-FP	Foam Plate for LAVINA® 20, 25, and 32 SPS and PRO	9in / 229mm
LV-9-FP-S	Foam Plate for LAVINA® 20, 25, and 32 X and S models	9in / 229mm
LV-13.5-FP	Foam Plate for LAVINA® 30G PRO model	13.2in / 335mm
LV-13.5-FP-S	Foam Plate for LAVINA® 13, 30L, 30G, 38GR X and S models	13.2in / 335mm

PLATES AND ADAPTERS FOR OTHER MACHINES

You can easily use our QuickChange tooling with almost any other grinder on the market. We offer plates or adapters for HTC, Husqvarna, STI, Terrco, etc. If your machine is not listed below, please call Superabrasive or your LAVINA distributor for more information.

Item Number	Description	Size
XQC-HOLDER	QC tool holder adapter for bolting tools to other machines	standard
XP-HTC-9	QC Plate for HTC500 & HTC650	9in / 230mm
XP-HTC-10.63	QC Plate for HTC800, HTC950, SASE6000 & 8000	10.63 in / 270mm
FP-HTC-9	Foam Plate for HTC500 & HTC650	9in / 230mm
FP-HTC-10.63	Foam Plate for HTC800, HTC950, SASE6000 & 8000	10.63 / 270mm
XP-HUSQ-9	QC Plate for Husqvarna PG530 & PG680	9in / 230mm
XP-HUSQ-10.63	QC Plate for Husqvarna PG820 & PG950	10.63in / 270mm
FP-HUSQ-9	Foam Plate for Husqvarna PG530 & PG680	9in / 230mm
FP-HUSQ-10.63	Foam Plate for Husqvarna PG820 & PG950	10.63in / 270mm

For adapter plates for other machines, not listed here, please call Superabrasive or your LAVINA distributor.



From left to right: LAVINA Foam Plate (13.2"), 10.63-in HTC QC Plate & Foam Plate, 10.63-in Husqvarna QC Plate & Foam Plate, Universal bolt-on QC adapter.

ACCESSORIES

WEIGHTS FOR LAVINA MACHINES

The rule of thumb is the more weight on the tool, the more aggressively the tool works. You can add up to 2 additional horseshoe style weights on most LAVINA machines. The new L32G-X and L38GR-X come with built-in weights.

Item Number	Description	Weight
L16-12.00.00.00	Weight for LAVINA® 16	25 lbs / 10 kg
L21-50.00.00.00	Weight for LAVINA® 21	17.5 lbs / 8 kg
A07.00.00.00	Weight for LAVINA® 20, 20N (X, S, Pro, SPS) and 25-SPS models	48 lbs / 22 kg
A08.00.00.00	Weight for LAVINA® models 25-inch and up (all series)	64 lbs / 29 kg



Additional weight on L30G-X



Built-in weights on L32G-X

LAVINA TOOL BOX

The perfect solution for storing and carrying your metal and resin tools!

- Heavy duty construction - solid wooden frame and stainless steel handles;
- Each box has 13 dividers, made of durable and lightweight aluminum: 5 with slots for your QC metals and 8 with velcro for your velcro-backed pads;
- Fits 45 pcs QC metal tools + 72 pcs velcro-backed tools (3-inch);
- Dimensions: 15 x 15 x 12.5 inch; Weight: 16.5 lbs (box only);
- Item Number: LV-BOX.



ACCESSORIES

Aluminum Lippage Holders for Attaching Velcro Backed Tools

Item Number	Description	Size
4LH	Aluminum Lippage Holder, 4 Inch	4in / 103mm
83LH	Aluminum Lippage Holder, 83 mm	83mm
XQC-4LH	QuickChange Aluminum Lippage Holder, 4 Inch	4in / 103mm
XQC-83LH	QuickChange Aluminum Lippage Holder, 83 mm	83mm

Velcro Protectors

Designed to protect the foam heads when working wet, and to prevent the tools from falling off upon impact.

Item Number	Description	Size
VP-9	Velcro protector, 9in with Three 83mm cutouts	9in / 229mm
VP-13.5	Velcro protector, 13.5in with Six 83mm cutouts	13.5in / 343mm

Rubber Spacer with Hook and Loop

Serve as a cushion between the diamond pad and the backer

Item Number	Description	Size
RUB-SP-3	Rubber Spacer with Hook and Loop, 3 Inch	3in / 76mm
RUB-SP-4	Rubber Spacer with Hook and Loop, 4 Inch	4in / 101mm
RUB-SP-5	Rubber Spacer with Hook and Loop, 5 Inch	5in / 125mm
RUB-SP-7	Rubber Spacer with Hook and Loop, 7 Inch	7in / 178mm
RUB-SP-8	Rubber Spacer with Hook and Loop, 8 Inch	8in / 200mm
RUB-SP-9	Rubber Spacer with Hook and Loop, 9 Inch	9in / 229mm



From left to right: Aluminum Lippage Holders, Rubber Spacers, 9in and 13.5in Velcro Protector.

ACCESSORIES

Aluminum Rigid Backer Pads for attaching velcro-backed tooling on angle grinders

Suitable for Flat Surfaces or Straight Edges

Item Number	EU Item Number	Description	Size
3AL-5/8-11	3AL-M14	Aluminum Rigid Backer Pad, 5/8-11 or M14, 3 Inch	3in / 75mm
4AL-5/8-11	4AL-M14	Aluminum Rigid Backer Pad, 5/8-11 or M14, 4 Inch	4in / 95mm
5AL-5/8-11	5AL-M14	Aluminum Rigid Backer Pad, 5/8-11 or M14, 5 Inch	5in / 120mm
7AL-5/8-11	7AL-M14	Aluminum Rigid Backer Pad, 5/8-11 or M14, 7 Inch	7in / 170mm

Flexible Backer Pads for attaching velcro-backed tooling on angle grinders

Suitable for Corners or Curved Edges

Item Number	EU Item Number	Description	Size
RB5in-5/8-11-FOAM	RB5-M14-FOAM	Flexible Foam Rubber Backer, 5/8-11 or M14, 5 Inch	5in / 119mm
RB7in-5/8-11-FOAM	RB7-M14-FOAM	Flexible Foam Rubber Backer, 5/8-11 or M14, 7 Inch	7in / 178mm



From left to right: Rigid backer, Foam backer - side and front, attaching electroplated pads to foam backers.

FREQUENTLY ASKED QUESTIONS

What are the advantages of Polished Concrete?

- Cost-effective installation and maintenance, and lower life cycle cost altogether
- Dust-free, stain-resistant and easy to maintain
- No toxic materials and better indoor air quality
- Increases light reflectivity and reduces energy cost to light and cool buildings
- Reduces construction waste
- Extremely versatile and customizable - can be polished to a different degree of shine, any color, decorative effects, etc.
- LEED friendly - polished concrete can earn LEED points in the areas of energy and atmosphere, materials and resources, indoor environmental quality
- Sustainable - concrete is recognized as a sustainable design material by the US Green Building Council and AIA.

Where can I get trained and certified?

Superabrasive's distributors offer training and certification classes at various locations many times throughout the year. Contact Superabrasive for details: (800) 987-8403.

Which machine and tooling should I select?

Choosing the proper machine and tooling is critical for the success of the job, and the following questions should be addressed first:

- **How big is your project, and how much time do you have to complete it?** This will determine the size of the machine and vacuum needed, as well as how much tooling will be required. For example, a LAVINA® 20 is appropriate for small residential projects, like garages or patios, whereas larger projects will require a larger, more powerful machine such as LAVINA® 25, 30, 32, or 38.
- **How old is the concrete?** Freshly poured concrete floors require at least 28 days to cure. Conversely, older concrete should be inspected for pits and cracks, which may have to be addressed first.
- **What condition is the concrete in?** The condition of the concrete will determine the initial grinding steps needed to prepare the floor for polishing which include coatings or epoxy removal, etc. If the floor is in optimal shape, you may begin with 120 grit metals or hybrids, but if the floor is uneven and blemished, you should begin with a coarser grit, such as 30.
- **How much aggregate would you like to expose?** If you want to show aggregate, you must grind the concrete more aggressively (longer and deeper) than if you simply want to polish only the cream.
- **How hard is the concrete?** Critical factor when choosing the type of tooling, that is right for the specific job. We offer separate bonds for soft, medium, hard and extra-hard concrete.
- **How much shine do you want?** If a honed finish with less shine is desired, you may stop refining the floor at 400. A shiny, mirror-like finish will require polishing up to 3500 or 8500/BUFF grit.
- **Grinding wet or dry?** This will often depend on the job and job site. Dry grinding requires a powerful, industrial grade vacuum for dust collection, and wet grinding requires slurry management and disposal. Many operators prefer the dry process, because they don't want to deal with slurry clean up; however, you have to make sure you are using a proper dust collector and comply OSHA regulations. Grinding wet (with water) minimizes airborne dust and silica dust exposure risk. In many cases, it also increases the life and effectiveness of diamond tools.
- **What are the electrical requirements?** Be sure you know the voltage of your machine before plugging it into the circuit. Never plug a 220V machine into a 480V circuit! A high voltage machine will require a special generator, unless you have access to 480V circuit. Propane equipment is a great alternative, especially on jobsites that may not have power at all.

FREQUENTLY ASKED QUESTIONS

[What are the steps for achieving a polished a concrete floor?](#)

The steps for polishing concrete depend on the condition of the existing concrete and the level of shine desired, and can vary greatly from job to job. However, it is important to understand that following proper grit sequence is a fundamental principle in concrete polishing. Each grit is designed to refine the scratch pattern on the floor, and the rule of thumb is each consecutive grit is to be approximately doubled in size, so it can remove the scratches of the previous step. For example, if you start with 30 grit, the next grit is 50 or 70, then 100 or 120, 200 or 220, 400, 800, etc. Skipping a grit step will put you up against some serious scratched floor challenges. The grits steps are usually divided into three stages — grinding, honing and polishing. Contact Superabrasive for additional information about the appropriate steps for your specific job.

[What is the difference between the 1 and 2 button/segment QuickChange tools?](#)

The less segments on the tool, the more aggressively the machine will grind. Therefore, a set of single button/segment QuickChange pads will grind much more aggressively than a set of two button/segment pads.

[Why should I densify the floor?](#)

Densifying the floor will prepare the concrete for polishing and is the best preparation for ensuring the best polish possible. Soft concrete floors should always be densified, and in some cases more than one application is necessary.

[Why is it so important to clean between steps?](#)

This will remove any residual diamond material from the floor and prevent scratching during the next step.

[How many square feet can I process in a day?](#)

This is highly subjective and depends on the condition of the existing concrete and whether you are exposing aggregate or polishing the cream only. Uneven floors, or floors with epoxies and glues that must be removed will take much longer to process. Operators should keep in mind that the grinding portion of the job is the most time consuming, and once the polishing steps are reached, the job will progress much more quickly. In general terms, a LAVINA 20 may process up to 500 square feet per hour, while a LAVINA® 32 may cover up to 1200 square feet per hour.

[How do I know what to charge per square foot?](#)

Again, this is very subjective and will depend on the condition of the existing concrete, level of shine desired by the customer, whether any epoxies or coatings will be removed, whether the floor will be dyed, the current market rate, etc. Contractors should consider all of these variables before quoting a customer, as they greatly affect the amount of time it will take to complete the job.

[Is polished concrete maintenance-free?](#)

No. Without proper maintenance schedule in place, the floor shine quickly deteriorates and facility managers end up with a “failed” polished concrete floor. Traditional daily maintenance includes mopping and auto scrubbing, using only water or non-reactive cleaning agents when necessary, and cleaning spills and stains promptly. However, in order to maintain their shine and light reflectivity, polished floors require more than that. They require a maintenance program which includes periodic mechanical maintenance with diamond impregnated pads and periodic treatments with chemical cleaners. Furthermore, the maintenance program or schedule has to be designed for a specific floor (not for concrete floors in general), and it will be different from one facility to another, depending on the type of facility, foot traffic, etc.

For more in-depth answers to your concrete polishing questions, call us toll free at 1-800-987-8403.

BUSINESS TERMS

Business Terms (please call for business terms in Europe)

- Operating business hours are Monday through Friday from 8:30am to 5:00pm EST.
- Orders may be placed via fax or e-mail. A hard copy purchase order is required.
- No order limits.
- Orders placed by 3:30p.m. EST will be shipped out the same day in most cases.
- Available shipping options: Red (to most locations), 2nd Day, 3rd Day and Ground via UPS. International shipping is also available.
- All shipments are F.O.B. Atlanta (Hoschton), GA or Krun, Bulgaria unless otherwise stated.
- Shipping charges are based on the package weight, value, and final destination.
- Prices are subject to increase or decrease due to manufacturing cost changes. However, we always strive to deliver the highest quality products at the lowest possible price.
- Payment terms of net 30 days is available with approved credit.
- A late payment charge of 1.5% per month will be added to accounts after 30 days.
- All major credit cards are accepted – Visa, Master Card, American Express and Discover.

Return Policy

- SUPERABRASIVE does not accept returns after 90 days from the date of invoice.
- Before returning items, first contact a representative who will determine the best solution for your individual situation and issue an RA form if needed.
- Returns will not be accepted without a completed RA form and an RA number. RA numbers are issued by sales representatives on a case-by-case basis.
- All returned items are subject to inspection prior to credit processing. In some instances, items can be replaced or repaired.
- A 15% restocking fee will be applied to non-defective product(s) and stock adjustment returns.
- Custom manufactured products cannot be returned (or refunded). Exceptions are made in cases involving manufacturing defects.

Damaged Shipments

- All shipments are carefully inspected before leaving our warehouse. If products are damaged during transit, be sure the driver acknowledges the damage on the delivery documents. If the driver does not acknowledge the damage on the documents, or if the said damage is not reported to the driver, damage costs may not be recuperated.

Liability

- In the case of defective products, SUPERABRASIVE will replace only the quantities determined to be defective.
- We are not liable for any injury, loss, or damage that is caused by improper use of the product(s). It is the responsibility of the customer to educate himself/herself and fully understand the products' intended use; therefore, the customer assumes all risks associated with the use of the product(s).
- Warranties do not apply to any products which have been altered, changed or modified in any way.

Warranty Policy for LAVINA® Machines

"Goods" shall mean a LAVINA grinding/polishing machine purchased from and delivered by Superabrasive or by a Superabrasive-appointed distributor or dealer.

Liability for Defects

Superabrasive warrants, from the time of delivery and receipt by the original customer, new and unused products sold by Superabrasive or Superabrasive-appointed distributors or dealers. Goods shall be free from defects in materials and workmanship.

Superabrasive or a Superabrasive-appointed repair facility shall either replace or repair any defects in the Goods resulting from faulty design, materials, or workmanship. Products repaired or replaced during the warranty period shall be covered by the foregoing warranty for the remainder of the original warranty period, or ninety (90) days from date of the repair or shipment of the replacement, whichever is longer. Spare parts for repair will be either new or equivalent to new. Major components, such as inverters, electric motors, and engines installed at our facility on used machines outside of the original warranty period are covered for 1 year or 300 hours whichever comes first.

MACHINES COVERED BY A 2-YEAR / 600 HOURS MACHINE WARRANTY - All LAVINA® X and S series machines

LAVINA® 12/12-E is covered by a 1-YEAR warranty (excluding the Fein grinder).

Superabrasive will cover the shipping charges for the transportation of the machine to Superabrasive (or an approved repair facility) and back to the customer (within the contiguous 48 United States) in the event that the damage occurs and is reported within the first **200** operating hours. Thereafter, the customer will have to cover the shipping charges to Superabrasive and back.

Complaint

A complaint must be made to Superabrasive or a Superabrasive-appointed distributor or dealer within the warranty period. A valid warranty certificate, or other documents confirming the date of delivery of said Goods, shall be presented at the time of the complaint.

Limitation

Superabrasive will not warranty Goods after the specified warranty period from the time of delivery and receipt by the original customer, or the specified operating hours on the machine - whichever occurs first.

Superabrasive shall not be liable for any defects that are caused by circumstances that occur after the Goods have been delivered and whilst the Goods are in the possession of the purchaser. Furthermore, the warranty does not include normal wear and tear or deterioration. Wear parts are not warranted. Superabrasive is not liable for defects arising out of use of non-OEM parts. Shipping charges, if covered by Superabrasive, must be agreed upon in advance and approved by Superabrasive. After the first 200 operating hours, repairs shall be carried out given that the purchaser at his own expense returns the Goods to Superabrasive, or to a Superabrasive-appointed distributor, dealer or repair facility.

The warranty herein is non-transferable, and only applies to the original owner or purchaser of the machine. A warranty card must be submitted to Superabrasive within 30 days of purchase in order for the foregoing warranty to apply. The warranty card can be either mailed or filed electronically via our website www.superabrasive.us.

The Warranty is void if the purchaser has not followed the maintenance plan stipulated by the machine's manual. The warranty is void if the purchaser repairs said Goods himself, or if repairs are conducted by a repair facility that is not approved by Superabrasive.

Superabrasive's liability does not cover defects which are caused by faulty maintenance, incorrect operation, faulty repair by the purchaser, or by alterations conducted without Superabrasive's prior written consent. The same applies to any alterations of the Goods or services performed by another party other than Superabrasive, a Superabrasive-appointed distributor, or a Superabrasive-approved repair facility. The warranty is not applicable on a defect that arises due to tools or parts that are not original to Superabrasive.

Replaced defective parts shall be placed at Superabrasive's disposal and shall become property of Superabrasive. If such defective parts are replaced within 200 operating hours, the shipping charges will be covered by Superabrasive.

In warranty complaint cases, when no defects are found for which Superabrasive is liable, Superabrasive shall be entitled to compensation for the labor, material cost, and shipping charges, incurred by Superabrasive as a result of the complaint. For answers to questions about Superabrasive's warranty policy regarding LAVINA® machines, please contact us directly.

WARRANTY POLICY

Warranty Policy for LAVINA® Vacuums

To ensure registration and activation of warranty coverage, the warranty card must be mailed to the manufacturer within 30 days from date of purchase; failure to do so may void the warranty. If your warranty card is missing, go to superabrasive.com to complete and submit it online.

Superabrasive offers a guarantee on LAVINA® vacuums, covering manufacturing and material defects, for a period of 24 months from the date of purchase, as invoiced by Superabrasive. The following conditions pertain to this warranty:

- Applies only to the original owner and is not transferable.
- Vacuum must not be dismantled and tampered with in any way.
- This warranty does not cover any failures or defects caused by normal wear and tear, accidental damage, damage during transport, improper handling, repairs conducted by an unauthorized facility (without prior authorization by Superabrasive), or operation that is not in compliance with the instructions provided in this manual. Superabrasive denies all responsibility for damages or injuries, to any persons or objects, caused by improper operation of the vacuum unit.
- This warranty will become invalid in the event that equipment or accessories used on/with the vacuum unit are not supplied or approved by Superabrasive.
- Covered components proven defective will be repaired or replaced at no charge.
- This warranty does not apply to any repair of/to of proprietary parts, nor does it cover cleaning or general maintenance. This warranty does not apply to items with aftermarket alterations, changes, or modifications.
- This warranty is limited to repair or replacement of covered components and reasonable labor expenses.
- In the event of a warranty claim, the vacuum unit must be returned to Superabrasive, or an authorized facility, for a warranty investigation, and subsequent warranty repair or replacement.
- All warranty returns must be shipped freight prepaid.
- This warranty is in lieu of and excludes every condition of warranty not herein expressly set out and all liability for any form of consequential loss or damage is hereby expressly excluded.

Superabrasive agrees to repair or replace, free of charge, any parts which have failed due to manufacturer or material defects. Repairs must only be performed at authorized service facilities that have been approved by Superabrasive. Shipping and handling fees associated with warranty claims must be pre-paid by the customer / claimant.

In the event that a warranty investigation determines that the damage or unit failure is not attributed to manufacturer or material defects, all costs associated with the repair of the vacuum will become the direct responsibility of the claimant. If payment is not rendered for such services, Superabrasive will assume ownership of the machine and any associated parts in possession.

Superabrasive does not authorize any person or representative to make any other warranty, or to assume for us any liability in connection with the sale and operation of our products. The manufacturer is also not liable in the event that the customer fails to submit a Warranty Certificate, fails to follow manual instructions, uses non-original spare parts, or fails to service/clean the vacuum regularly and properly.

Vacuums may not be returned to Superabrasive Inc. for credit or repair without prior authorization. Please contact Superabrasive Inc. or your local distributor for authorization and issuance of a return authorization number. This number along with the serial number of the vacuum must be included on all packages and correspondences. Vacuums returned without prior authorization will remain property of the sender and Superabrasive Inc. will not be responsible for these. No vacuums will be credited after 90 days from the date of Superabrasive's invoice. All returns may be exchanged for other equipment or parts of equal dollar value. If vacuums are not exchanged, they are subject to a fifteen percent (15%) restocking fee.

Headquarters and Sales Office, USA:

Superabrasive, Inc.
9411 Jackson Trail Road
Hoschton, GA, USA 30548
TEL +1 (706) 658-1122
FAX +1 (706) 658-0357
TOLL FREE (800) 987-8403
EMAIL: info@superabrasive.us

Factory & European Sales Office, Bulgaria:

Superabrasive Ltd.
2A Rabotnicheska St.
6140 Krun
Bulgaria
TEL +359 431 64477
FAX +359 431 64466
EMAIL: factory@superabrasive.com

Superabrasive UK:

Superabrasive Ltd.
15 Longfold
Maghull, Liverpool L31 6AF
England
TEL +44 151 286 7748
FAX +44 151 474 8042
EMAIL: office-uk@superabrasive.us

Superabrasive Turkey:

Superabrasive Ltd.
Yukari Dudullu Mah.Nato Yolu Cad.Sevinc Sk.#10
Istanbul, Turkey
TEL +90 216 450 33 98
FAX +90 216 348 95 98
EMAIL: info@superabrasive.com.tr

Superabrasive Ukraine:

Superabrasive Ltd.
Jelezadorojnii pereylok 5-A
Dergachi 62300, Kharkovskaya obl.
Ukraine
TEL: +380 50 615 4234
EMAIL: polyakov@superabrasive.com

Website:

www.superabrasive.com

