

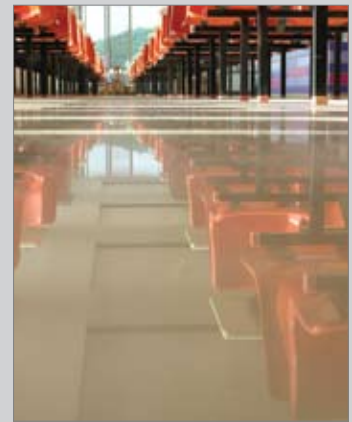
LAVINA

Surface Preparation Systems by



SUPERABRASIVE

DIAMOND POWDER · DIAMOND TOOLS



Surface Preparation Systems

Lavina Pro Floor Machines - Electrical and Propane

Diamond Tooling for Floor Prep, Grinding, and Polishing

NEW 25 and 30 Inch Propane Machines

NEW 21 Inch Economy Machines

NEW Low Profile Machine Bases

Our Commitment

Dear Valued Customer,

At Superabrasive, we are excited about the future and what it holds for our company. As our business grows, so does our opportunity to have an even greater impact on your business and bottom line.

As many of you know, Superabrasive began in 1987, and has been manufacturing high quality diamond tooling and equipment ever since. Our 200,000 SF manufacturing facility in Europe and 46,000 SF warehouse facility in Atlanta, GA serves North America, South America, Australia, Asia, and Africa. While we have grown greatly over the years, our advantage in the marketplace continues to be our dedication to research and development, and our ability to sort, test, classify, and control the quality of the diamond powder used in the manufacturing of our diamond tools.

Our most popular brands continue to thrive, including LAVINA, TORO-F™, TORO-B®, HEXO®, NATO®, T-BONE®, Calibra, Diamo-Clean™, and V-HARR®. We have also just recently introduced Diamo-Clean™. Striving to meet ever changing industry demands, we continue to add new and innovative tooling solutions to our portfolio. This year we are also proud to introduce two new propane-powered Lavina Pro machines, the 25G and 30G, and new low profile models for "big box" store projects. In addition, we now offer a 21 inch "economy" Lavina model for projects on a budget, further increasing the range of available options to our valuable customers.

We are totally committed to providing exceptional products and outstanding customer service to you, our valuable operators, contractors, shop owners, and distributors. If you would like to get to know us better, please contact us. We thank you for your business, and welcome the opportunity to speak with you and to contribute to your success.

Sincerely,



George Popov
CEO
SUPERABRASIVE, INC.



Above, Top: Superabrasive's Home Office, Hoschton, GA, USA
Below: Superabrasive's Factory, Bulgaria

Superabrasive at a glance...

Superabrasive has been manufacturing high quality diamond tooling and equipment since 1987. We proudly produce machines and tooling for the concrete, stone, and optical industries.

We work directly with contractors, fabricators, installers, architects, optical lens technicians, rental stores, maintenance and janitorial companies, homeowners, and a network of distributors to ensure that our customers' needs are being met and exceeded.

Our expertise in the production of diamond powder allows us to customize abrasive tooling for cutting, grinding, or polishing a variety of materials including concrete, natural stone, engineered stone, terrazzo, glass, Polycarbonate, and a variety of resin materials.

We operate a 200,000 square foot factory in Bulgaria and house 46,000 square feet of inventory in Hoschton, GA in the US. Superabrasive serves customers around the globe, with distributors on every continent except Antarctica.

We are the proud manufacturer of these quality name brands:

Calibra

Diamo-Clean™	T-BONE®
Hercules®	TORO-F™
HEXO®	TORO-B®
InovaCrete®	TORO ProEdge
LAVINA	V-HARR®
NATO®	WAFFEL



What's New in 2012?

There are many new and exciting additions to the 2012 Lavina PRO catalog, including:

- New LAVINA machine models:
 - Lavina 30G Pro (propane)
 - Lavina 30L Pro
 - Lavina 30L-HV Pro
 - Lavina 25G Pro (propane)
 - Lavina 25L Pro
 - Lavina 25L-HV Pro
 - Lavina 21-3
 - Lavina 21-1.5
- The addition of our new line of "G" propane machines offers a new level of efficiency to grinding and polishing. The ability to work cordless makes work even faster than ever! The 30G also features our new Low Profile Base which reaches beneath cabinets, shelving, and other hard to reach places.
- The new 30L also features the same new Low Profile Base, for those who prefer this model in an electric version.
- Visit page 46 to see our new line of Diama-Clean™ pads for maintenance. New to the Lavina line, these diamond impregnated pads come in a wide variety of sizes for the 30" machines as well as various models of burnishers and floor scrubbers. Diama-Clean™ provides excellent results when used to clean and maintain polished concrete floors.
- By popular demand, we have brought back the "wet only" NATO® pads. The "dry and wet" version is also still available.
- See our new selection of industrial Ermator vacuums and pre-separators on page 22.
- Now the owners of other manufacturer's equipment can adapt Superabrasive's high quality tooling to their machines. See page 24 for a list of plates to fit a variety of popular machines on the market.



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Wide Variety of Tooling
Machines from 7" to 32" Models
New Propane Models
New Economy Models
New Low Profile Heads
New Maintenance Solutions
Distributors Available Worldwide

Why choose Lavina?





InovaCrete®



Learn About InovaCrete®

Polished concrete is increasing in popularity, not only for its clean, sleek, and modern appearance, but for its cost effectiveness, sustainability, durability, availability, and health benefits. As the most versatile and durable flooring option available on the market today, the demand for InovaCrete® is on the rise for many different applications including homes, workplaces and other industrial buildings, churches, warehouses, restaurants, schools, stores, and more.

What is InovaCrete®?

InovaCrete® is a clearly specified, yet extremely versatile, polished concrete flooring product which can only be achieved by following the InovaCrete® system. At Superabrasive, we train contractors and flooring professionals on the InovaCrete® system, machines, and tooling, and certify them in the application process. Only a certified InovaCrete® professional can install an InovaCrete® floor.

InovaCrete® is cost effective

- In most cases, an existing concrete slab may be utilized, eliminating the need for any additional installation
- Never needs to be replaced; polished concrete is impervious to rot, corrosion, fire, and damage caused by moisture
- Life-cycle cost is less than any other flooring alternative, including hardwood, carpet, vinyl, ceramic tile, terrazzo, concrete overlays, and concrete coatings
- Polished concrete is scratch-resistant and requires very little maintenance

InovaCrete® is a healthy alternative to other flooring options

- Improves indoor air quality; polished concrete is dust free and emits no toxic chemicals
- Increases floor slip resistance and is OSHA compliant

InovaCrete® is “green”

- All required chemical products are LEED friendly
- Increases a room's light reflectivity, thereby reducing the amount of artificial light required to illuminate and the energy required to heat the space
- Compliant with the AIA's Efficient Artificial Lighting and Daylighting sustainable design components
- Reduces life-cycle costs
- Reduces construction waste
- Recognized as a sustainable design material by the AIA and US Green Building Council

What InovaCrete® is NOT:

- Polished concrete should not be confused with concrete overlays, acid-stained concrete, or any other concrete flooring alternative that requires a “skim-coat” concrete application

For architects, contractors, interior designers, and other professionals... How do I gain access to InovaCrete® floor specs?

Contact Superabrasive directly, or visit www.sweets.com and search the keyword “Superabrasive” to view additional information, InovaCrete® specs, and our SWEETS listing.

LAVINA PRO machines

We at Superabrasive are continuously working towards a better product, and more efficient solutions to our customers' needs. In 2011-2012, we are introducing two new propane-powered models, new "low profile" bases, and the first "economy" Lavina for projects on a budget. Check in with us frequently to learn about other new ideas and solutions that we have in the works.

Advantages of LAVINA machines:

- We now offer two propane-powered Lavina Pro models
- Our new "LP" models feature a new Low Profile base for reaching underneath shelving and cabinets
- We offer systems designed especially for "big box" store projects - contact us for additional information about InovaCrete®
- All LAVINA models grind, hone, polish, and burnish
- Models offer the option of polishing only the cream, or exposing aggregates for polishing
- Superabrasive tooling features exceptional life and performance
- Our LAVINA 32® model features 6 heads, resulting in exceptional time savings
- LAVINA machines work close to walls and edges
- Our tools feature the QuickChange diamond tooling system, making tool changes faster and simpler
- Foam plates allow for continuous contact between diamonds and floor, despite uneven surfaces
- Halogen headlights available on all models
- Extensive quality control procedures ensure that only the best diamond powder is used to produce Superabrasive tooling
- Superabrasive offers a wide variety of dust collection options
- LAVINA machines are simple to service with service center locations around the world
- LAVINA distribution centers may be found worldwide



LAVINA 25° PRO with NATO® discs



LAVINA 32° PRO with 2 button QuickChange tooling

LAVINA PRO machines

New feature!



Our new LP models feature an addition which allows operators to access hard to reach areas beneath shelves and cabinets.

New feature!



Our new Lavina 21-3 features an optional handle for additional maneuverability and convenience. See pages 20 and 21 for additional information.



Detachable wheel unit for simpler transport and maneuverability. Available on the LAVINA 25^L PRO and LAVINA 32[®] PRO models, and may also be retrofit for older 25N and 32 models.



Modular construction for easy transport and service. LAVINA machines may be disassembled into easy-to-lift sections.



Each model features a built-in halogen headlight for work in darker areas.



All Lavina models work very close to walls and edges, and we offer two styles of edgers.

LAVINA PRO machines

LAVINA 7 PRO, LAVINA 7N PRO, LAVINA 16® PRO specifications



LAVINA 7 PRO, LAVINA 7N PRO

Horsepower	2HP, 1.5KW
Voltage*	1ph x 110V
Amperage	15 Amp
Dedicated Breaker Requirement	15 Amp

Weight of Machine	137 lbs / 62 kg
Grinding Pressure	50 lbs / 20kg
Additional Weight	up to 22 lbs / 10 kg
# of Additional Weights	4 x 5.50 lbs / 2.5 kg

Attachment Speed	500-1000 rpm
Working Width	7in / 175mm
Tool Holder Diameter	6.5in / 165mm
Tool Diameter	7in / 175mm

Application	dry
Dust-vacuum	yes
Water feeding	no
Water tank capacity	N/A
Cable Length	57 ft / 17.4 m

Machine Length	38.6in / 980mm
Machine Width	12.6in / 320mm
Machine Height	36.6in / 930mm
Machine Length (pallet)	28.7in / 730mm
Machine Width (pallet)	28.7in / 730mm
Machine Height (pallet)	41in / 1050mm

*Not for use with GFI circuits
 LAVINA 7 PRO is also available in a 220V version:
 LAVINA 7N PRO: 3HP, 220V



LAVINA 16® PRO

Horsepower	3HP, 2.2KW
Voltage	1ph x 208-240V
Amperage	12 Amp
Dedicated Breaker Requirement	15 Amp

Weight of Machine	203 lbs / 92 kg
Grinding Pressure	121 lbs / 55kg
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 Length	45.7in / 1160mm
Machine Width	16.9in / 430mm
Machine Height	42in / 1070mm
Machine Length (pallet)	45.2in / 1150mm
Machine Width (pallet)	28.7in / 730mm
Machine Height (pallet)	45.5in / 1155mm

LAVINA PRO machines

LAVINA 20° PRO, LAVINA 20°N PRO, LAVINA 20°N-HV PRO specifications



LAVINA 20° PRO

Horsepower	4HP, 3KW
Voltage	1ph x 208-240V
Amperage	14 Amp
Dedicated Breaker Requirement	16 Amp

Weight of Machine	318 lbs / 144 kg
Grinding Pressure	180 lbs / 65 kg
Additional Weight	up to 48 lbs / 22 kg
# of Additional Weights	1 x 48 lbs / 22 kg

Attachment Speed	300-1100 rpm
Working Width	20in / 510mm
Tool Holder Diameter	3x6.5in / 3x165mm
Tool Diameter	3x9in / 3x225mm

Application	wet or dry
Dust-vacuum	yes
Water feeding	peripheral
Water tank capacity	4.2gal / 16L
Cable Length	57 ft / 17.4 m

Machine Length	53.1in / 1350mm
Machine Width	21.3in / 540mm
Machine Height	43.3in / 1100mm
Machine Length (pallet)	45.2in / 1150mm
Machine Width (pallet)	28.7in / 730mm
Machine Height (pallet)	45.5in / 1155mm



LAVINA 20°N PRO, LAVINA 20°N-HV PRO

Horsepower	7.5HP, 5.5KW
Voltage	1 or 3ph x 208-240V
Amperage	30 Amp
Dedicated Breaker Requirement	30 Amp

Weight of Machine	337 lbs / 153 kg
Grinding Pressure	216 lbs / 98 kg
Additional Weight	up to 96 lbs / 74 kg
# of Additional Weights	2 x 48 lbs / 22 kg

Attachment Speed	300-1100 rpm
Working Width	20in / 510mm
Tool Holder Diameter	3x6.5in / 3x165mm
Tool Diameter	3x9in / 3x225mm

Application	wet or dry
Dust-vacuum	yes
Water feeding	peripheral
Water tank capacity	4.2gal / 16L
Cable Length	57 ft / 17.4 m

Machine Length	53.1in / 1350mm
Machine Width	21.3in / 540mm
Machine Height	43.3in / 1100mm
Machine Length (pallet)	45.2in / 1150mm
Machine Width (pallet)	28.7in / 730mm
Machine Height (pallet)	45.5in / 1155mm

LAVINA 20°N PRO is also available in a high voltage version:

LAVINA 20°N-HV PRO: 3phx380/480V, 14 Amp

LAVINA machines

LAVINA 21-1.5, LAVINA 21-3 specifications



LAVINA 21-1.5, the “economy” LAVINA

Horsepower	1.5HP, 1.12KW
Voltage	1ph x 115V
Amperage	16 Amp
Dedicated Breaker Requirement	16 Amp

Weight of Machine	202 lbs / 92 kg
Grinding Pressure	130 lbs / 59 kg
Additional Weight	do not add weights
# of Additional Weights	do not add weights

Attachment Speed	1100 rpm
Working Width	20in / 508mm
Tool Holder Diameter	3x7.75in / 3x197mm
Tool Diameter	3x8in / 3x200mm

Application	wet or dry
Dust-vacuum	yes
Water feeding	peripheral
Water tank capacity	5.2gal / 20L
Cable Length	no cable

Machine Length	59.1in / 1500mm
Machine Width	21.3in / 540mm
Machine Height	42in / 1070mm
Machine Length (pallet)	43.3in / 1100mm
Machine Width (pallet)	29.5in / 750mm
Machine Height (pallet)	55in / 1400mm

LAVINA 21-3, the “economy” LAVINA

Horsepower	3.4HP, 2.5KW
Voltage	1ph x 220V
Amperage	15 Amp
Dedicated Breaker Requirement	15 Amp

Weight of Machine	202 lbs / 92 kg
Grinding Pressure	130 lbs / 59 kg
Additional Weight	2 x 18.5lbs / 2 x 8kg
# of Additional Weights	2 max (18.5lbs, 8kg)

Attachment Speed	1100 rpm
Working Width	20in / 508mm
Tool Holder Diameter	3x7.75in / 3x197mm
Tool Diameter	3x8in / 3x200mm

Application	wet or dry
Dust-vacuum	yes
Water feeding	peripheral
Water tank capacity	5.2gal / 20L
Cable Length	no cable

Machine Length	59.1in / 1500mm
Machine Width	21.3in / 540mm
Machine Height	42in / 1070mm
Machine Length (pallet)	43.3in / 1100mm
Machine Width (pallet)	29.5in / 750mm
Machine Height (pallet)	55in / 1400mm

LAVINA PRO machines

LAVINA 25° PRO, LAVINA 25° HV PRO, LAVINA 25L PRO, LAVINA 25L-HV PRO specifications



New model!



LAVINA 25° PRO, LAVINA 25°HV PRO

Horsepower	10HP, 7.5KW
Voltage	1 or 3ph x 208-240V
Amperage	30 Amp
Dedicated Breaker Requirement	30 Amp

Weight of Machine	439 lbs / 199 kg
Grinding Pressure	306 lbs / 139 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	3x6.5in / 3x165mm
Tool Diameter	3x9in / 3x225mm

Application	wet or dry
Dust-vacuum	yes
Water feeding	peripheral
Water tank capacity	5.2gal / 20L
Cable Length	57 ft / 17.4 m

Machine Length	62in / 1575mm
Machine Width	27.6in / 690mm
Machine Height	46in / 1170mm
Machine Length (pallet)	45.2in / 1150mm
Machine Width (pallet)	28.7in / 730mm
Machine Height (pallet)	45.5in / 1155mm

LAVINA 25° PRO is also available in a high voltage version:

LAVINA 25°HV PRO: 3phx380/480V, 20 Amp

LAVINA 25L PRO, LAVINA 25L-HV PRO

Horsepower	15HP, 11KW
Voltage	3ph x 208-240V
Amperage	45 Amp
Dedicated Breaker Requirement	45 Amp

Weight of Machine	602 lbs / 274 kg
Grinding Pressure	398 lbs / 181 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	3x6.5in / 3x165mm
Tool Diameter	3x9in / 3x225mm

Application	wet or dry
Dust-vacuum	yes
Water feeding	peripheral
Water tank capacity	5.2gal / 20L
Cable Length	57 ft / 17.4 m

Machine Length	74in / 1880mm
Machine Width	27.2in / 690mm
Machine Height	46.5in / 1180mm
Machine Length (pallet)	45.2in / 1150mm
Machine Width (pallet)	28.7in / 730mm
Machine Height (pallet)	60.2in / 1530mm

LAVINA 25°L PRO is also available in a high voltage version:

LAVINA 25°L-HV PRO: 3phx380/480V, 30 Amp

LAVINA PRO machines

LAVINA 25G PRO, LAVINA 30L PRO, LAVINA 30L-HV PRO specifications

New propane model!



LAVINA 25G PRO - NEW!

Propane Engine Capacity	603cc, 36.8 cu in
	Kawasaki
Power	18hp/3600min

Weight of Machine	490 lbs / 222 kg
Grinding Pressure	330 lbs / 150 kg
Additional Weight	2 x 64 lbs / 29 kg
# of Additional Weights	2 x 64 lbs / 29 kg

Attachment Speed	650-1100 rpm
	3600 engine RPM
Working Width	30in / 765mm
Tool Holder Diameter	3x6.5in / 3x165mm
Tool Diameter	3x9in / 3x225mm

Application	wet or dry
Dust-vacuum	yes
Water Feeding	peripheral
Water Tank Capacity	5.2gal / 20L
Propane Tank Capacity	20lbs / 9kg

Machine Length	74in / 1872mm
Machine Width	27in / 682mm
Machine Height	47in / 1179mm
Machine Length (pallet)	45in / 1150mm
Machine Width (pallet)	29in / 730mm
Machine Height (pallet)	59in / 1500mm

New low profile model!



LAVINA 30L PRO, LAVINA 30L-HV PRO

Horsepower	15HP, 11KW
Voltage	3ph x 208-240V
Amperage	45 Amp
Dedicated Breaker Requirement	45 Amp

Weight of Machine	625 lbs / 284 kg
Grinding Pressure	398 lbs / 181 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	30in / 765mm
Tool Holder Diameter	3x6.5in / 3x165mm
Tool Diameter	3x13.25in/3x335mm

Application	wet or dry
Dust-vacuum	yes
Water feeding	peripheral
Water tank capacity	5.2gal / 20L
Cable Length	57 ft / 17.4 m

Machine Length	76in / 1930mm
Machine Width	32in / 805mm
Machine Height	47in / 1200mm
Machine Length (packaged)	46in / 1150mm
Machine Width (packaged)	29in / 730mm
Machine Height (packaged)	59in / 1500mm

LAVINA 30L PRO is also available in a high voltage version:

LAVINA 30L-HV PRO: 3phx380/480V, 30 Amp

This model is an LP! It features our new low profile "lip" for reaching beneath cabinets, shelving, and other hard to reach areas!

LAVINA PRO machines

LAVINA 30G PRO, LAVINA 32[®] PRO, LAVINA 32[®]HV PRO specifications

New propane and low profile model!



LAVINA 30G PRO - NEW!

Propane Engine Capacity	603cc, 36.8 cu in Kawasaki
Power	18hp/3600min

Weight of Machine	490 lbs / 222 kg
Grinding Pressure	330 lbs / 150 kg
Additional Weight	2 x 64 lbs / 29 kg
# of Additional Weights	2 x 64 lbs / 29 kg

Attachment Speed	650-1100 rpm 3600 engine RPM
Working Width	30in / 765mm
Tool Holder Diameter	3x6.5in / 3x165mm
Tool Diameter	3x13.5in / 3x335mm

Application	wet or dry
Dust-vacuum	yes
Water Feeding	peripheral
Water Tank Capacity	5.2gal / 20L
Propane Tank Capacity	20lbs / 9kg

Machine Length	76in / 1930mm
Machine Width	32in / 805mm
Machine Height	47in / 1110mm
Machine Length (pallet)	46in / 1150mm
Machine Width (pallet)	29in / 730mm
Machine Height (pallet)	59in / 1500mm

This model is an LP! It features our new low profile "lip" for reaching beneath cabinets, shelving, and other hard to reach areas!



LAVINA 32[®] PRO, LAVINA 32[®]HV PRO

Horsepower	20HP, 15KW
Voltage	3ph x 208-240V
Amperage	60 Amp
Dedicated Breaker Requirement	60 Amp

Weight of Machine	882 lbs / 400 kg
Grinding Pressure	638 lbs / 290 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 / 812mm
Tool Holder Diameter	6x6.5in / 6x165mm
Tool Diameter	6x9in / 6x225mm

Application	wet or dry
Dust-vacuum	yes
Water feeding	peripheral
Water tank capacity	12gal / 46L
Cable Length	57 ft / 17.4 m

Machine Length	90.1in / 2335mm
Machine Width	34in / 850mm
Machine Height	44in / 1100mm
Machine Length (packaged)	46in / 1175mm
Machine Width (packaged)	37in / 950mm
Machine Height (packaged)	50in / 1280mm

LAVINA 32[®] PRO is also available in a high voltage version:

LAVINA 32[®]HV PRO: 3phx380/480V, 32 Amp

Advantages of the NEW LAVINA 30G

Why go propane with the new 30G?

There are many advantages to the new LAVINA PRO 30G and 25G:

- The propane model is wireless! There are no electrical cables to interfere, which increases the speed and productivity of work.
- The 30G features the new Low Profile base for reaching beneath cabinets, shelving, and other hard-to-reach areas, making this machine an excellent choice for big box store projects.
- The 30G is one of our largest, and most powerful models, with an 18HP engine, 30 inches of working capacity, and three 13.5 inch heads.

InovaCrete® Big Box Polishing System

The new LAVINA 30G Pro is an excellent machine for preparing and installing an InovaCrete® Big Box floor. These floors, typically found in large warehouse stores, cover a larger amount of square footage and have shelving units that must be polished underneath - two issues that the 30G can tackle with ease. The propane feature eliminates the inconvenience of maneuvering around and transporting cables, and the Low Profile base easily reaches beneath shelving and cabinets.

Big Box projects typically require a "honed" finish, which needs much fewer steps to achieve. See below our step-by-step system for achieving an InovaCrete® Big Box floor:

Step 0:	50 grit Calibra*
Step 1:	100 grit Calibra
Step 2:	220 grit V-Harr®
Step 3:	400 grit V-Harr®
Step 4:	800 grit V-Harr®*

Steps 0 and 4 are optional and depend on the quality of the existing concrete, and the degree of shine desired.

Additional information about Calibra may be found on page 26.

Additional information about V-Harr may be found on page 38.

Snapshot Comparison of All Lavina Models

**“How do I know which LAVINA model is right for my job?”
Know your LAVINA...**

See the table to the right for a snapshot comparison of all LAVINA models and compare voltage, power, head size, grinding pressure, and more.



	propane (cordless)	electrical	110V	220V	480V (high voltage)	single phase only	1 or 3 phase	three phase only	low profile base	7 in heads	8 in heads	9 in heads	13.5 in heads	>300 lbs grinding pressure
LAVINA 7 PRO		•	•			•			•	•				
LAVINA 7N PRO		•		•		•			•	•				
LAVINA 16" PRO		•		•		•			•	•				
LAVINA 20" PRO		•		•		•			•	•				
LAVINA 20"N PRO		•		•		•	•		•	•				
LAVINA 20"N-HV PRO		•		•	•			•		•				
LAVINA 21-1.5		•				•					•			
LAVINA 21-3		•		•		•					•			
LAVINA 25 PRO		•		•			•			•	•			•
LAVINA 25"HV PRO		•						•						•
LAVINA 25L PRO		•		•				•		•	•			•
LAVINA 25L-HV PRO		•						•		•	•			•
LAVINA 25G PRO	•									•				•
LAVINA 30G PRO	•								•				•	•
LAVINA 30L PRO		•		•				•	•				•	•
LAVINA 30L-HV PRO		•						•	•				•	•
LAVINA 32" PRO		•		•				•						•
LAVINA 32" HV PRO		•			•			•						•

Advantages of the NEW 21-3 Economy Model

The new LAVINA 21 models are easily portable, and highly maneuverable - featuring a special optional handle allowing access to areas that were previously out of reach...



Advantages of the New 21-3 Economy Model



The part number for the above optional handle is: L21-30.00.00

The optional handle above may only be fitted to the 3HP version of the LAVINA 21, and not the 1.5HP model.

Visit our website and click on the "Videos" tab to view a demonstration of the Lavina 21 in use featuring the new handle. Other useful videos may also be found there, including step-by-step training, and an introduction to the new 30G propane unit.

Recommended vacuum systems

ERMATOR Vacuums and Pre-Separators

ERMATOR Vacuums and Pre-Separators

Superabrasive offers a variety of Ermator vacuums and pre-separators to suit any size job and accompany any LAVINA PRO machine model. Ermator vacuums are equipped with independently tested and certified HEPA filters. All Ermator vacuums also come complete with a hose, wand, and floor tool. See below for features and specifications:

	Item Number	Voltage	HP	CFM	Water Lift
Vacuum	S26-120	120, 1 Ph	3.4 HP	258	100
Vacuum	S26-230	230, 1 Ph	3.4 HP	258	100
Vacuum	S36	230, 1 Ph	5.1 HP	353	100
Vacuum	T7500	230, 3 Ph	10.4 HP	353	110
Vacuum	T8600	480, 3 Ph	10.4 HP	353	110
Pre-separator	C3000	-	-	-	-
Pre-separator	C5500	-	-	-	-
Accessory	Longopac, 4 pk	-	-	-	-
Accessory	HEPA filter, S line	-	-	-	-
Accessory	HEPA filter, T line	-	-	-	-

Vacuums

	S26	S36	T7500	T8600
LAVINA 7 PRO	●			
LAVINA 7N PRO	●			
LAVINA 16° PRO	●			
LAVINA 20° PRO		●		
LAVINA 20°N PRO		●		
LAVINA 20°N-HV PRO		●		
LAVINA 21-1.5	●			
LAVINA 21-3	●			
LAVINA 25 PRO			●	
LAVINA 25°HV PRO				●
LAVINA 25L PRO			●	
LAVINA 25L-HV PRO				●
LAVINA 25G PRO			●	
LAVINA 30G PRO			●	
LAVINA 30L PRO			●	
LAVINA 30L-HV PRO				●
LAVINA 32° PRO			●	
LAVINA 32° HV PRO				●

Separators

	C3000	C5500
	●	
	●	
	●	
	●	
	●	
	●	
		●
		●
		●
		●
		●
		●
		●
		●
		●

Cable Caddy System

Cable Caddy System for Transporting Cables

The Lavina Cable Caddy system is an essential LAVINA accessory, helping to organize and transport heavy, lengthy machine cables, by carrying them to and from the job site, and helping to avoid twisting and tangling while working. Superabrasive customizes each Cable Caddy system to include the appropriate cable gage and length for individual machines and applications. See below for Cable Caddy's specifications and features:

- Every Cable Caddy is customized to meet the needs of individual machines and applications, including specialized cable gage and length
- Cable Caddy can easily transport large cable weights, without twisting or tangling (up to 556 lbs of cable, and between 130 and 400 ft in length, based on cable diameter)
- Cable Caddy features a convenient power box for splitting power and adding an additional machine
- Cable Caddy is extremely lightweight, and features quality, durable hardware and pneumatic tires
- Cable Caddy is available individually (caddy only) or as a customized system, featuring cables and a power box, as shown below



Concrete Grinding

QuickChange Plates for the LAVINA PRO System

Designed for either hard, medium, or soft concrete applications, QuickChange tooling offers a variety of grinding solutions for your LAVINA SPS system. Instead of buttons that are welded to single-use disposable plates, the QuickChange system features replaceable trapezoid-style pads that easily slide in and out of a reusable plate, with no bolting required! Instead of bolts or screws, the metal bonded trapezoid pads are held into place by a tapered "dove tail" system, which is further strengthened by a magnetic backing, making tool changes a breeze! Each plate holds either 3 or 6 pads, and each trapezoid pad features either one or two metal bonded buttons, allowing the operator to control the speed and aggressiveness of the grind. QuickChange plates are available in many sizes, including 7, 8, 9, 10 5/8, and 13.5 inches.

Soft concrete is considered to be that with a PSI less than 2500; medium concrete ranges between 2500 and 4000; hard concrete is considered to be that with a PSI greater than 4000. For additional information about PSI and PSI measuring devices, please contact Superabrasive.

Advantages of QuickChange Plates and Tools:

- Produced in 7, 8, 9, 10 5/8, and 13.5 inch sizes, to accommodate any size LAVINA machine, as well as other machines on the market
- Plates can be reused many times
- Less shipping costs and greater long-term cost savings for LAVINA PRO customers versus welded plates
- Extremely fast and convenient tool changes
- Long tool life
- We offer tools with either 1 or 2 buttons, which allows you to customize the aggressiveness of the cut for any job or application
- We produce a variety of grit sizes for coarse, medium, and fine grinding



Reusable QuickChange Plates

Item Number	Description	Size	Applicable Machines
QC-PLATE-7	QC reusable metal plate, holds 3 pads, 7 Inch	7in / 175mm	7, 7N, 16
QC-PLATE-8	QC reusable metal plate, holds 3 pads, 8 Inch	8in / 200mm	21-1.5, 21-3
QC-PLATE-9	QC reusable metal plate, holds 3 pads, 9 Inch	9in / 225mm	all 20, 25, & 32 models
QC-PLATE-10 5/8	QC reusable metal plate, holds 6 pads, 10 5/8 Inch	10 5/8in / 270mm	other manufacturers
QC-PLATE-13.5	QC reusable metal plate, holds 3 or 6 pads, 13.5 Inch	13.5in / 335mm	30L, 30G

Helpful tip: We recommend using two button QuickChange trapezoid pads on only the heaviest of machines, such as LAVINA 32[®] PRO. For lighter machines, unless a special application requires something different, we recommend single button QuickChange tools. Contact Superabrasive for additional questions about which tool is most appropriate for your job.





InovaCrete
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QuickChange Plates and Tooling

Single Button QuickChange Tools for SOFT Concrete Grinding (Yellow)

Item Number	Description	Size	Buttons	Grit	Thickness (mm)
QC1B-SC-0030	QuickChange single button tool for soft concrete	standard	one	30	10 mm
QC1B-SC-0050	QuickChange single button tool for soft concrete	standard	one	50	10 mm
QC1B-SC-0070	QuickChange single button tool for soft concrete	standard	one	70	10 mm
QC1B-SC-0120	QuickChange single button tool for soft concrete	standard	one	120	10 mm

Two Button QuickChange Tools for SOFT Concrete Grinding (Yellow)

Item Number	Description	Size	Buttons	Grit	Thickness (mm)
QC2B-SC-0030	QuickChange two button tool for soft concrete	standard	two	30	10 mm
QC2B-SC-0050	QuickChange two button tool for soft concrete	standard	two	50	10 mm
QC2B-SC-0070	QuickChange two button tool for soft concrete	standard	two	70	10 mm
QC2B-SC-0120	QuickChange two button tool for soft concrete	standard	two	120	10 mm

Single Button QuickChange Tools for MEDIUM Concrete Grinding (Gray)

Item Number	Description	Size	Buttons	Grit	Thickness (mm)
QC1B-MC-0030	QuickChange single button tool for medium concrete	standard	one	30	10 mm
QC1B-MC-0050	QuickChange single button tool for medium concrete	standard	one	50	10 mm
QC1B-MC-0070	QuickChange single button tool for medium concrete	standard	one	70	10 mm
QC1B-MC-0120	QuickChange single button tool for medium concrete	standard	one	120	10 mm

Two Button QuickChange Tools for MEDIUM Concrete Grinding (Gray)

Item Number	Description	Size	Buttons	Grit	Thickness (mm)
QC2B-MC-0030	QuickChange two button tool for medium concrete	standard	two	30	10 mm
QC2B-MC-0050	QuickChange two button tool for medium concrete	standard	two	50	10 mm
QC2B-MC-0070	QuickChange two button tool for medium concrete	standard	two	70	10 mm
QC2B-MC-0120	QuickChange two button tool for medium concrete	standard	two	120	10 mm

Single Button QuickChange Tools for HARD Concrete Grinding (Red)

Item Number	Description	Size	Buttons	Grit	Thickness (mm)
QC1B-HC-0030	QuickChange single button tool for hard concrete	standard	one	30	10 mm
QC1B-HC-0050	QuickChange single button tool for hard concrete	standard	one	50	10 mm
QC1B-HC-0070	QuickChange single button tool for hard concrete	standard	one	70	10 mm
QC1B-HC-0120	QuickChange single button tool for hard concrete	standard	one	120	10 mm

Two Button QuickChange Tools for HARD Concrete Grinding (Red)

Item Number	Description	Size	Buttons	Grit	Thickness (mm)
QC2B-HC-0030	QuickChange two button tool for hard concrete	standard	two	30	10 mm
QC2B-HC-0050	QuickChange two button tool for hard concrete	standard	two	50	10 mm
QC2B-HC-0070	QuickChange two button tool for hard concrete	standard	two	70	10 mm
QC2B-HC-0120	QuickChange two button tool for hard concrete	standard	two	120	10 mm

Calibra and Cementina Grinding Discs

Calibra grinding discs are designed for the removal of difficult scratches which are sometimes left behind by the metal bond grinding steps. They are also useful for floor restoration, and can be used wet or dry. An essential tool for any operator who will be grinding, Calibra save valuable time by eliminating the need for multiple passes with metal plates. These discs are best for hard concrete applications, as the life of Calibra is shorter when used on softer floors.

Cementina grinding discs are best suited for lightweight machines, such as LAVINA 16° and LAVINA 20°, which have a relative grinding pressure of 2 to 6 lbs per square inch. Cementina achieves a very smooth and uniform finish, preparing the floor for resin polishing steps, if desired. We recommend wet application only for Cementina.

Calibra Ceramic Pads for Hard Concrete Grinding, 3 Inch

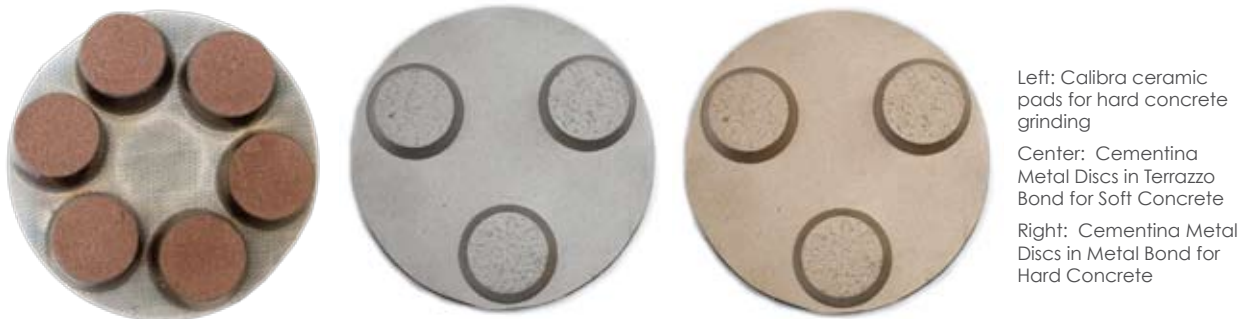
Item Number	Description	Size	Grit	Thickness
CS3-XC	Calibra ceramic pads for scratch removal on hard concrete	3in / 76mm	x-coarse	10 mm
CS3-C	Calibra ceramic pads for scratch removal on hard concrete	3in / 76mm	coarse	10 mm
CS3-M	Calibra ceramic pads for scratch removal on hard concrete	3in / 76mm	medium	10 mm
CS3-F	Calibra ceramic pads for scratch removal on hard concrete	3in / 76mm	fine	10 mm

Cementina Metal Discs, Terrazzo Bond for Soft Concrete Grinding, 3 Inch

Item Number	Description	Size	Grit	Thickness
CEM-0030T	Cementina terrazzo bond disc for soft concrete and stone grinding	3in / 76mm	30	5 mm
CEM-0070T	Cementina terrazzo bond disc for soft concrete and stone grinding	3in / 76mm	70	5 mm

Cementina Metal Discs, Metal Bond for Hard Concrete Grinding, 3 Inch

Item Number	Description	Size	Grit	Thickness
CEM-0030M	Cementina metal bond disc for hard concrete, hard stone grinding	3in / 76mm	30	5 mm
CEM-0070M	Cementina metal bond disc for hard concrete, hard stone grinding	3in / 76mm	70	5 mm
CEM-0120M	Cementina metal bond disc for hard concrete, hard stone grinding	3in / 76mm	120	5 mm
CEM-0220M	Cementina metal bond disc for hard concrete, hard stone grinding	3in / 76mm	220	5 mm



Calibra are an essential part of the LAVINA PRO and InovaCrete® systems. Ask us how Calibra can help you eliminate resin steps, and shorten work time, and increase productivity.



SA Superthick Discs, Metal Rings for Stone

SA Superthick discs in metal bond are the ideal choice for grinding wet. Designed for use on concrete as well as stone, these thick metal discs perform similarly to Cementina, guaranteeing a very smooth and even floor finish. SA Superthick discs are Velcro backed and should be mounted to lippage holders.

Metal and Copper Rings are an aggressive solution for removing stock and deep scratches in stone surfaces. They are designed for work on all natural stone surfaces including granite, marble, travertine, and others. We do not recommend these rings for work on concrete or engineered stone.

SA Superthick Discs in Metal Bond, Terrazzo Bond, and Copper Bond for Stone Grinding

Item Number	Description	Size	Grit	Bond	Thickness
SA-0030TR	SA Superthick disc, terrazzo bond, 3 inch, 30 grit	3in / 80mm	30	terrazzo	5 mm
SA-0046MB	SA Superthick disc, metal bond, 3 inch, 46 grit	3in / 80mm	46	metal	5 mm
SA-0070MB	SA Superthick disc, metal bond, 3 inch, 70 grit	3in / 80mm	70	metal	5 mm
SA-0120MB	SA Superthick disc, metal bond, 3 inch, 120 grit	3in / 80mm	120	metal	5 mm
SA-0120CO	SA Superthick disc, copper bond, 3 inch, 120 grit	3in / 80mm	120	copper	5 mm
SA-0220MB	SA Superthick disc, metal bond, 3 inch, 220 grit	3in / 80mm	220	metal	5 mm
SA-0400MB	SA Superthick disc, metal bond, 3 inch, 400 grit	3in / 80mm	400	metal	5 mm
SA-4-0030TR	SA Superthick disc, terrazzo bond, 4 inch, 30 grit	4in / 102mm	30	terrazzo	5 mm
SA-4-0046MB	SA Superthick disc, metal bond, 4 inch, 46 grit	4in / 102mm	46	metal	5 mm
SA-4-0070MB	SA Superthick disc, metal bond, 4 inch, 70 grit	4in / 102mm	70	metal	5 mm
SA-4-0120MB	SA Superthick disc, metal bond, 4 inch, 120 grit	4in / 102mm	120	metal	5 mm
SA-4-0120CO	SA Superthick disc, copper bond, 4 inch, 120 grit	4in / 102mm	120	copper	5 mm

Metal and Copper Bond Rings for Stone Grinding

Item Number	Description	Size	Grit	Bond	Thickness
SAMBR3-46	Metal bond ring for stone grinding, 3 inch, 46 grit	3in / 76mm	46	metal	5 mm
SAMBR3-70	Metal bond ring for stone grinding, 3 inch, 70 grit	3in / 76mm	70	metal	5 mm
SARBR3-120	Copper bond ring for stone grinding, 3 inch, 120 grit	3in / 76mm	120	copper	5 mm
SAMBR4-46	Metal bond ring for stone grinding, 4 inch, 46 grit	4in / 102mm	46	metal	5 mm
SAMBR4-70	Metal bond ring for stone grinding, 4 inch, 70 grit	4in / 102mm	70	metal	5 mm
SARBR4-120	Copper bond ring for stone grinding, 4 inch, 120 grit	4in / 102mm	120	copper	5 mm



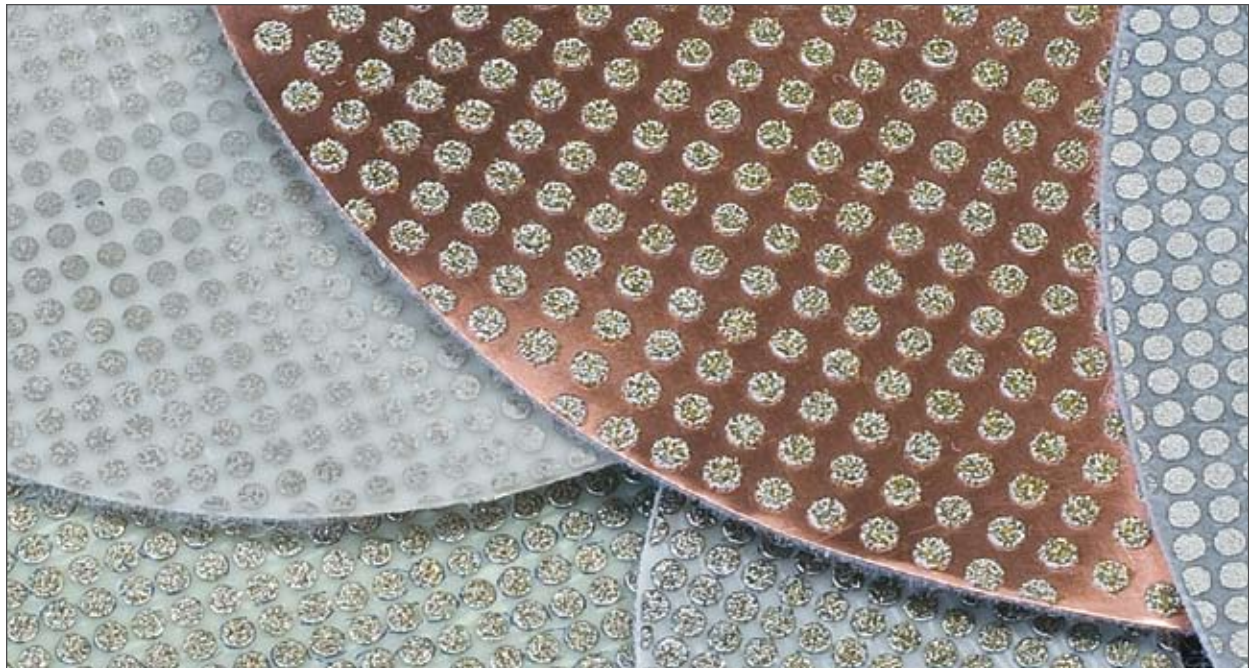
Grinding Stone and Other Surfaces

Flexible electroplated pads are designed for fine grinding and honing. They may be used on natural stone, engineered stone, and fine wood surfaces, but work best on softer natural stones such as marble, travertine, limestone, and onyx. A very versatile product, they may be mounted on various floor grinding machines, or handheld grinders for corner work.

Flexible electroplated pads are available in a wide variety of sizes. If you require a size that is not listed here, please contact us for a complete list.

Advantages of Flexible Electroplated Pads:

- Produced in a wide variety of sizes, and from grits 50 to 600
- Lightweight and extremely flexible
- May be used for multiple applications, including natural stone, engineered stone, and fine wood surfaces
- Are also an excellent solution for corner work
- May be attached to various floor machines as well as hand grinders





Flexible Electroplated Pads for Stone

Flexible Electroplated Pads for Grinding Stone in 3, 4, 5, 7, 9, and 10 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

*Flexible electroplated pads are also available in 9 and 10 inch sizes, and in a hand pad variety. Contact us for additional information about grit sizes and availability.

Wet and Dry Concrete Polishing

NATO® polishing discs have truly set the standard for all other polishing pads to follow. Wide channels and a unique design allow for work on a cleaner surface, ensuring a quality polish. We offer NATO® for wet and dry applications to suit nearly every concrete polishing job.

We have taken great strides in perfecting the shape, bond, and grit sequence to ensure that NATO® continues to be the market's first choice for a wide variety of soft and hard concrete polishing applications. Please note that we recommend a minimum of three discs per head for optimum performance. NATO®, as a part of the LAVINA SPS or InovaCrete® system, will guarantee a premium shine every time.

Advantages of NATO® Polishing Discs:

- Wide channels allow for a cleaner work surface during polishing
- Produces a premium shine when used alone or as a part of the LAVINA SPS System
- Convenient 3 and 4 inch sizes, and Velcro backing makes NATO® very versatile
- Our most popular resin polishing pad for concrete polishing



NATO® Polishing Discs for Wet Only Concrete Grinding and Polishing, 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-0600	NATO® Floor Polishing Disc, Velcro Attachment, 600 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



NATO® Patented Polishing Discs

We offer NATO® polishing discs in four varieties: Our standard 3 inch size for wet and dry applications, 4 inch NATO® pads with the same high quality resin in a slightly larger size, and 3 inch white-only resin pads, for work on lighter surfaces. Every NATO® pad is appropriate for concrete grinding/polishing, and features a thick 12mm layer of resin and diamonds for extra long life.

NATO® Polishing Discs for Dry and Wet Concrete Grinding and Polishing, 3 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-0600D	NATO® Floor Polishing Disc, Velcro Attachment, 600 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® Polishing Discs for Dry and Wet Concrete Grinding and Polishing, 4 Inch

Item Number	Description	Size	Thickness
NS-4-0050D	NATO® Floor Polishing Disc, Velcro Attachment, 50 Grit, 4 Inch	4in / 101.6mm	12 mm
NS-4-0100D	NATO® Floor Polishing Disc, Velcro Attachment, 100 Grit, 4 Inch	4in / 101.6mm	12 mm
NS-4-0200D	NATO® Floor Polishing Disc, Velcro Attachment, 200 Grit, 4 Inch	4in / 101.6mm	12 mm
NS-4-0400D	NATO® Floor Polishing Disc, Velcro Attachment, 400 Grit, 4 Inch	4in / 101.6mm	12 mm
NS-4-0600D	NATO® Floor Polishing Disc, Velcro Attachment, 600 Grit, 4 Inch	4in / 101.6mm	12 mm
NS-4-0800D	NATO® Floor Polishing Disc, Velcro Attachment, 800 Grit, 4 Inch	4in / 101.6mm	12 mm
NS-4-1500D	NATO® Floor Polishing Disc, Velcro Attachment, 1500 Grit, 4 Inch	4in / 101.6mm	12 mm
NS-4-3000D	NATO® Floor Polishing Disc, Velcro Attachment, 3000 Grit, 4 Inch	4in / 101.6mm	12 mm

NATO® Polishing Discs for Dry and Wet Concrete Grinding and Polishing, 3 Inch, White Resin

Item Number	Description	Size	Thickness
NS-0030D-WR	NATO® Floor Polishing Disc, Velcro Attachment, 30 Grit	3in / 81.5mm	12 mm
NS-0050D-WR	NATO® Floor Polishing Disc, Velcro Attachment, 50 Grit	3in / 81.5mm	12 mm
NS-0100D-WR	NATO® Floor Polishing Disc, Velcro Attachment, 100 Grit	3in / 81.5mm	12 mm
NS-0200D-WR	NATO® Floor Polishing Disc, Velcro Attachment, 200 Grit	3in / 81.5mm	12 mm
NS-0400D-WR	NATO® Floor Polishing Disc, Velcro Attachment, 400 Grit	3in / 81.5mm	12 mm
NS-0600D-WR	NATO® Floor Polishing Disc, Velcro Attachment, 600 Grit	3in / 81.5mm	12 mm
NS-0800D-WR	NATO® Floor Polishing Disc, Velcro Attachment, 800 Grit	3in / 81.5mm	12 mm
NS-1500D-WR	NATO® Floor Polishing Disc, Velcro Attachment, 1500 Grit	3in / 81.5mm	12 mm
NS-3000D-WR	NATO® Floor Polishing Disc, Velcro Attachment, 3000 Grit	3in / 81.5mm	12 mm

T-BONE® Patented Polishing Discs

T-BONE® polishing discs, similar to NATO®, feature wide channels to allow for work on a cleaner surface, ensuring a quality floor polish. Due to its lower profile, T-BONE® is also ideal for "swing" machines. They are also slightly thinner than NATO®, which makes them a more economical option for quality floor polishing.

Also, as we have done with NATO®, we now offer T-BONE® pads in a special universal resin, designed to work for both dry and wet applications. There is no longer a need for separate pads for different applications!

T-BONE® Polishing Discs for Dry and Wet Concrete Grinding, 3 Inch

Item Number	Description	Size	Thickness
SB3-0030D	T-BONE® Floor Polishing Disc, Velcro Attachment, 30 Grit	3in / 81.5mm	10 mm
SB3-0050D	T-BONE® Floor Polishing Disc, Velcro Attachment, 50 Grit	3in / 81.5mm	10 mm
SB3-0100D	T-BONE® Floor Polishing Disc, Velcro Attachment, 100 Grit	3in / 81.5mm	10 mm
SB3-0200D	T-BONE® Floor Polishing Disc, Velcro Attachment, 200 Grit	3in / 81.5mm	10 mm
SB3-0400D	T-BONE® Floor Polishing Disc, Velcro Attachment, 400 Grit	3in / 81.5mm	10 mm
SB3-0800D	T-BONE® Floor Polishing Disc, Velcro Attachment, 800 Grit	3in / 81.5mm	10 mm
SB3-1500D	T-BONE® Floor Polishing Disc, Velcro Attachment, 1500 Grit	3in / 81.5mm	10 mm
SB3-3000D	T-BONE® Floor Polishing Disc, Velcro Attachment, 3000 Grit	3in / 81.5mm	10 mm



Spiral Pads for Wet Stone Polishing

Spiral polishing pads are 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



Wet and Dry Concrete Polishing

4 Inch Superthick resin polishing discs are available in a variety of sizes and styles, for dry applications only.

SA3 HP Superthick Discs: Superabrasive's High Performance Superthick Discs are 3 inches in diameter, and Velcro backed. They feature a special bond for dry applications only. HP pads are extremely durable and can withstand the weight of heavier machines, 1000 lbs and more. Standard HP pads are designed exclusively for hard concrete applications.

SA3 HP65 Superthick Discs: Much like the standard SA3 HP pads, these are also 3 inches in diameter, and Velcro backed. They feature a special bond for dry applications only. HP pads are extremely durable and can withstand the weight of heavier machines, 1000 lbs and more. However, the HP65 pads are designed for softer concrete and more porous floors.

SA Superthick High Performance Floor Polishing Discs, Dry, 3 Inch, Velcro Attachment

Item Number	Description	Size	Thickness
SA3-HP-0050	SA Superthick HP Floor Polishing Disc, Velcro Attachment, 50 Grit	3in / 80mm	4.5 mm
SA3-HP-0100	SA Superthick HP Floor Polishing Disc, Velcro Attachment, 100 Grit	3in / 80mm	4.5 mm
SA3-HP-0200	SA Superthick HP Floor Polishing Disc, Velcro Attachment, 200 Grit	3in / 80mm	4.5 mm
SA3-HP-0400	SA Superthick HP Floor Polishing Disc, Velcro Attachment, 400 Grit	3in / 80mm	4.5 mm
SA3-HP-0800	SA Superthick HP Floor Polishing Disc, Velcro Attachment, 800 Grit	3in / 80mm	4.5 mm
SA3-HP-1500	SA Superthick HP Floor Polishing Disc, Velcro Attachment, 1500 Grit	3in / 80mm	4.5 mm
SA3-HP-3000	SA Superthick HP Floor Polishing Disc, Velcro Attachment, 3000 Grit	3in / 80mm	4.5 mm

SA Superthick High Performance Floor Polishing Discs, Dry 65, 3 Inch, Velcro Attachment

Item Number	Description	Size	Thickness
SA3-HP65-0050	SA Superthick HP 65 Floor Polishing Disc, Velcro Attachment, 50 Grit	3in / 80mm	4.5 mm
SA3-HP65-0100	SA Superthick HP 65 Floor Polishing Disc, Velcro Attachment, 100 Grit	3in / 80mm	4.5 mm
SA3-HP65-0200	SA Superthick HP 65 Floor Polishing Disc, Velcro Attachment, 200 Grit	3in / 80mm	4.5 mm
SA3-HP65-0400	SA Superthick HP 65 Floor Polishing Disc, Velcro Attachment, 400 Grit	3in / 80mm	4.5 mm
SA3-HP65-0800	SA Superthick HP 65 Floor Polishing Disc, Velcro Attachment, 800 Grit	3in / 80mm	4.5 mm
SA3-HP65-1500	SA Superthick HP 65 Floor Polishing Disc, Velcro Attachment, 1500 Grit	3in / 80mm	4.5 mm
SA3-HP65-3000	SA Superthick HP 65 Floor Polishing Disc, Velcro Attachment, 3000 Grit	3in / 80mm	4.5 mm



Superabrasive's special HP bond is unique to other bonds available on the market. Called "high performance", the HP bond offers the unique ability to polish dry with a Velcro backing.

We offer many tools in this special HP bond, including the SA3 pads, 3N rings, 3N pads for countertops, and WAFFEL.

Contact Superabrasive for additional information about HP bond and available tools.

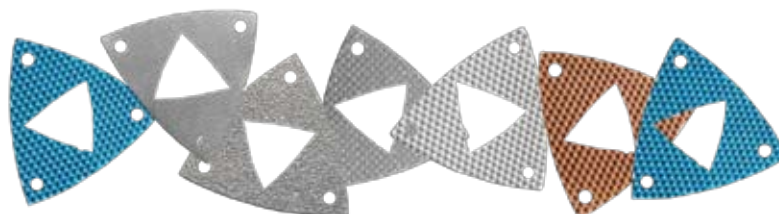


CornerPro Polishing System

Our CornerPro polishing system is your solution for work in tight areas! CornerPro is designed to perfect the inside of difficult 90-degree corners and areas where other tooling cannot reach. 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, Brazed, Electroplated, and Resin Bonded

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



CornerPro pads are designed for use with any standard corner tool, readily available at large home improvement retailers.

Wet and Dry Concrete Polishing

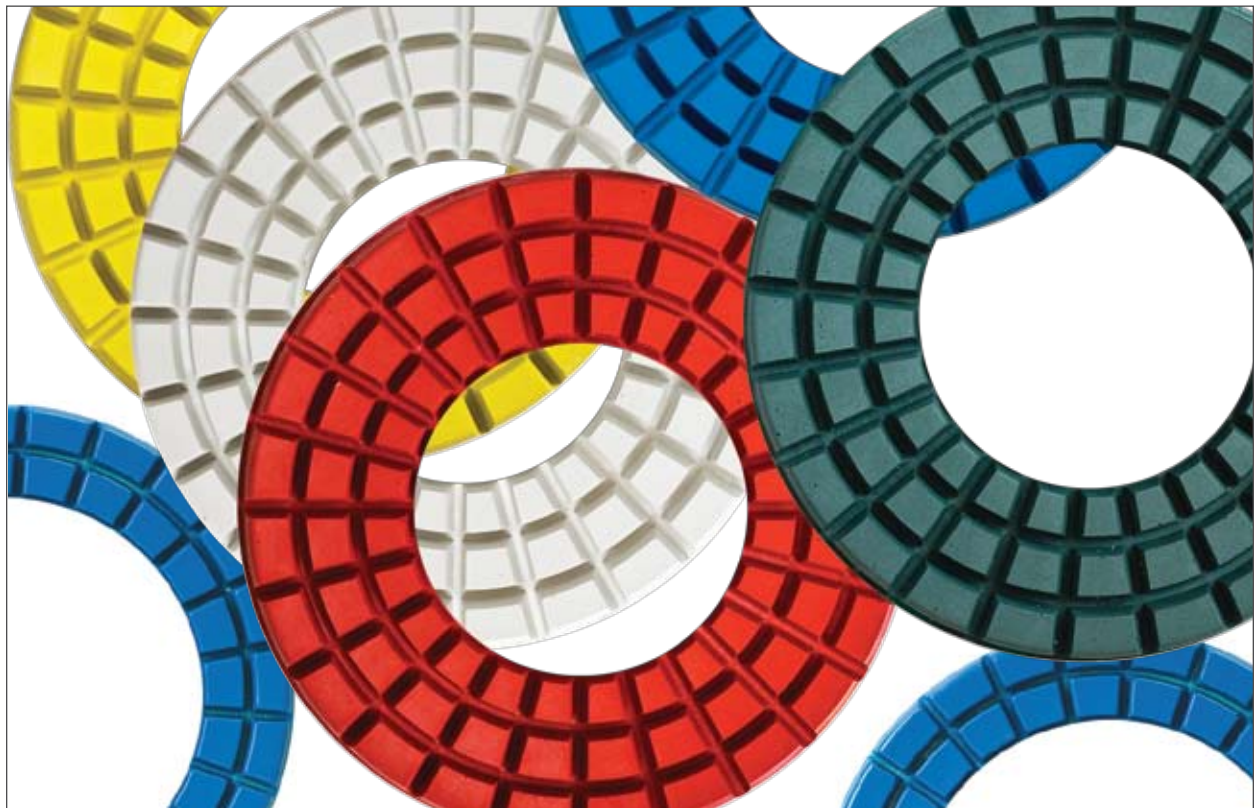
WAFFEL polishing pads are available in two convenient sizes and styles, for wet and dry applications.

7 Inch WAFFEL Pads: The 7 Inch variety features a double segmented resin ring (two rows) for use on the LAVINA 7[®] PRO and LAVINA 16[®] PRO models. All WAFFEL pads may be used either wet or dry, and are composed of the same quality Superabrasive resin. Since WAFFEL requires only one tool change per head, unlike NATO[®] or T-BONE[®], we refer to this as a "quickchange" pad.

9 Inch WAFFEL Pads: The 9 Inch WAFFELS feature a triple segmented resin ring (three rows) for use under larger, heavier machines such as LAVINA 25[®]L PRO and LAVINA 32[®] PRO. All WAFFEL pads may be used either wet or dry, and are composed of the same quality Superabrasive resin. Since WAFFEL requires only one tool change per head, unlike NATO[®] or T-BONE[®], we refer to this as an "quickchange" pad. These are now also available in HP bond for extra hard concrete applications. HP bond tools must be used dry only.

Advantages of WAFFEL Polishing Pads

- "Easy change" style simplifies tooling changes and saves time
- May be used for both wet and dry applications





WAFFEL Polishing Pads

WAFFEL Floor Polishing Pads, 7 Inch, Dry and Wet, Two 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-7-0600D	WAFFEL Floor Polishing Pad, Velcro Attachment, 600 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 Floor Polishing Pads, 9 Inch, Dry and Wet, Three 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-9-0600D	WAFFEL Floor Polishing Pad, Velcro Attachment, 600 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, 3500 Grit	9in / 232mm	10 mm

WAFFEL High Performance Floor Polishing Pads, 9 Inch, Dry Only, Three Rows of Segments

Item Number	Description	Size	Thickness
WAFF-9-HP-0050D	WAFFEL Floor Polishing Pad, HP, Velcro Attachment, 50 Grit	9in / 226mm	3.5 mm
WAFF-9-HP-0100D	WAFFEL Floor Polishing Pad, HP, Velcro Attachment, 100 Grit	9in / 226mm	3.5 mm
WAFF-9-HP-0200D	WAFFEL Floor Polishing Pad, HP, Velcro Attachment, 200 Grit	9in / 226mm	3.5 mm
WAFF-9-HP-0400D	WAFFEL Floor Polishing Pad, HP, Velcro Attachment, 400 Grit	9in / 226mm	3.5 mm
WAFF-9-HP-0600D	WAFFEL Floor Polishing Pad, HP, Velcro Attachment, 600 Grit	9in / 226mm	3.5 mm
WAFF-9-HP-0800D	WAFFEL Floor Polishing Pad, HP, Velcro Attachment, 800 Grit	9in / 226mm	3.5 mm
WAFF-9-HP-1500D	WAFFEL Floor Polishing Pad, HP, Velcro Attachment, 1500 Grit	9in / 226mm	3.5 mm
WAFF-9-HP-3000D	WAFFEL Floor Polishing Pad, HP, Velcro Attachment, 3500 Grit	9in / 226mm	3.5 mm

Available in additional sizes, including 13.5 inch for the new 30G and 30L models.

Premium Concrete Polishing

V-HARR® Premium Polishing Pads are one of Superabrasive's most versatile and successful products. Originally designed for mechanically polishing and restoring concrete, V-HARR® is also ideal for terrazzo and hard stone floors, and can be used under any planetary floor polisher. The high quality felt works between the resin segments to clean the floor as well. We offer V-HARR® in a wide variety of sizes to accommodate many applications. If you require a size that is not listed below, please contact us for a complete list of diameters. Dry use is strongly recommended; however, V-HARR® will produce remarkable gloss results on black granite when used wet.

V-HARR® is also an excellent solution for concrete floor maintenance. See page 46 and Diamo-Clean™ for additional maintenance solutions.

V-HARR® is the final step in the LAVINA SPS System, and is a critical component in the process of creating a high sheen on polished concrete floors. In addition to polishing and cleaning, the BUFF 8500 grit pad is used to seal and set guards that require burnishing. V-HARR® is a necessary tool for anyone polishing concrete.



V-HARR® premium polishing pads are an important part of the LAVINA SPS and InovaCrete® systems. V-HARR® pads, in combination with metal plates, NATO®, and other Superabrasive products, help you to achieve a polished floor that can be customized to your preference - from a honed finish to a high gloss shine, every time.



V-HARR® Polishing, Restoration Pads

V-HARR® Polishing and Restoration Pads, Dry, Felt Attachment in 5 Inch, 3 Rows of Resin

<u>Item Number</u>	<u>Description</u>	<u>Size</u>	<u>Bond</u>
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-5-0600	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 600 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® Polishing and Restoration Pads, Dry, Felt Attachment in 7 Inch, 2 Rows of Resin

<u>Item Number</u>	<u>Description</u>	<u>Size</u>	<u>Bond</u>
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-7-0600	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 600 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® Polishing and Restoration Pads, Dry, Felt Attachment in 8 Inch, 2 Rows of Resin

<u>Item Number</u>	<u>Description</u>	<u>Size</u>	<u>Bond</u>
VF-8-0050	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 50 Grit	8in / 203mm	resin
VF-8-0120	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 120 Grit	8in / 203mm	resin
VF-8-0220	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 220 Grit	8in / 203mm	resin
VF-8-0400	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 400 Grit	8in / 203mm	resin
VF-8-0600	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 600 Grit	8in / 203mm	resin
VF-8-0800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 800 Grit	8in / 203mm	resin
VF-8-1800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 1800 Grit	8in / 203mm	resin
VF-8-3500	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 3500 Grit	8in / 203mm	resin
VF-8-BUFF	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 8500 Grit	8in / 203mm	resin

V-HARR® Polishing, Restoration Pads

V-HARR® Polishing and Restoration Pads, Dry, Felt Attachment in 9 Inch, 3 Rows of Resin

<u>Item Number</u>	<u>Description</u>	<u>Size</u>	<u>Bond</u>
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-9-0600	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 600 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® Polishing and Restoration Pads, Dry, Felt Attachment in 10.75 Inch, 3 Rows of Resin

<u>Item Number</u>	<u>Description</u>	<u>Size</u>	<u>Bond</u>
VF-10.75-0050	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 50 Grit	10 3/4in / 274mm	resin
VF-10.75-0120	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 120 Grit	10 3/4in / 274mm	resin
VF-10.75-0220	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 220 Grit	10 3/4in / 274mm	resin
VF-10.75-0400	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 400 Grit	10 3/4in / 274mm	resin
VF-10.75-0600	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 600 Grit	10 3/4in / 274mm	resin
VF-10.75-0800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 800 Grit	10 3/4in / 274mm	resin
VF-10.75-1800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 1800 Grit	10 3/4in / 274mm	resin
VF-10.75-3500	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 3500 Grit	10 3/4in / 274mm	resin
VF-10.75-BUFF	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 8500 Grit	10 3/4in / 274mm	resin

V-HARR® Polishing and Restoration Pads, Dry, Felt Attachment in 13.5 Inch, 2 Rows of Resin

<u>Item Number</u>	<u>Description</u>	<u>Size</u>	<u>Bond</u>
VF-13.5-0050	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 50 Grit	13.5in / 333mm	resin
VF-13.5-0120	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 120 Grit	13.5in / 333mm	resin
VF-13.5-0220	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 220 Grit	13.5in / 333mm	resin
VF-13.5-0400	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 400 Grit	13.5in / 333mm	resin
VF-13.5-0600	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 600 Grit	13.5in / 333mm	resin
VF-13.5-0800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 800 Grit	13.5in / 333mm	resin
VF-13.5-1800	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 1800 Grit	13.5in / 333mm	resin
VF-13.5-3500	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 3500 Grit	13.5in / 333mm	resin
VF-13.5-BUFF	V-HARR® Polishing and Restoration Pad, Dry, Felt Backed, 8500 Grit	13.5in / 333mm	resin



See page 46 for our
newest solution for floor
maintenance...

Diana-Clean™ Pads



QuickChange Coating, Glue, and Epoxy Removal

Available with the same QuickChange technology as our standard metals, Superabrasive offers a wide variety of solutions for epoxy, paint, and glue removal as well as floor preparation.

Trapezoid pads with PCD segments and sacrificial bars are an excellent solution for thin coating removal.

Trapezoid Pads with PCD Segments are a very effective tool for aggressive stock and coating removal. They may also be used to prepare a floor for epoxy application. Now available with QuickChange technology!

Brazed pads for lippage removal are an essential part of the grinding process, as lippage removal is among the first steps in preparing a floor for grinding. Superabrasive's brazed lippage pads are 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 designed for wet applications only.

QuickChange Trapezoid Pads with Sacrificial Bars for Thin Coating Removal

Item Number	Description	Bond
QC-PCD-SB	Trapezoid pad with 2 PCD segments and 2 sacrificial bars	PCD segments
QC-PCD-SB-L	Trapezoid pad with 2 PCD segments and 2 sacrificial bars, left rotation	PCD segments

QuickChange Trapezoid Pads with PCD Segments for Aggressive Stock & Coating Removal

Item Number	Description	Bond
QC-PCD1	Trapezoid pad with 2 PCD segments, standard	PCD segments
QC-PCD1-L	Trapezoid pad with 2 PCD segments, designed for left hand rotation	PCD segments

Brazed Pads for Lippage Removal, 3 and 4 Inches

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





Turbo Cups, Copper Pads for Corners and Edges

Turbo cups with threads were specifically designed for grinding and shaping stone and concrete surfaces. Available in 4 and 5 inch sizes, our turbo cups are aggressive cutters at very high speeds, on even the hardest of surfaces. With a 5/8-11 thread, turbo cups are available in coarse, medium, and fine grits.

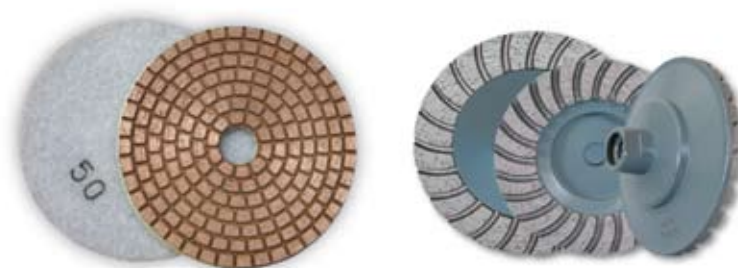
3N Copper Pads are an excellent solution for corner grinding and honing. They are available in 4 and 5 inch sizes from 30 to 200 grits. 3N copper pads may be easily attached to any hand-held grinder.

Turbo Cups with Threads for Corner Work, Metal Bond

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, 5/8-11 or M14 thread, fine grit	4in / 102mm	fine
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, 5/8-11 or M14 thread, fine grit	5in / 125mm	fine
CW100x15-030	CW100x15-030-M14	Cup wheel, 5/8-11 or M14, continuous rim, coarse	4in / 102mm	coarse
CW-5/8-11	CW-M14	Cup wheel with 5/8-11 thread, coarse grit	4in/100.5mm	coarse

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 / 99mm	30	3 mm
3N-4-CO050	3N Copper Pad for Polishing, 4 Inch, 50 Grit	4in / 99mm	50	3 mm
3N-4-CO070	3N Copper Pad for Polishing, 4 Inch, 70 Grit	4in / 99mm	70	3 mm
3N-4-CO120	3N Copper Pad for Polishing, 4 Inch, 120 Grit	4in / 99mm	120	3 mm
3N-4-CO220	3N Copper Pad for Polishing, 4 Inch, 220 Grit	4in / 99mm	220	3 mm
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

7 Inch Continuous Ring for Concrete is ideal for prepping and grinding concrete edges and corners. We recommend using this continuous rim tool to remove gouges, deep scratches, and uneven edges. Use this tool as your first step and follow with 3N copper or 3N HP rings.

3N Copper Rings are another solution for corner and edge work, available in a 7 inch size. They may be attached to any hand-held grinder with a 7 inch backer pad, or used on the LAVINA 7 PRO edger.

3N High Performance Polishing Rings are designed to polish concrete edges and corners after they have been honed with 3N Copper Rings. This special bond will produce an excellent high gloss shine on concrete, and is for dry applications only.

Contonuous Ring for Prepping and Grinding Concrete, 7 Inch

Item Number	Description	Size	Grit	Thickness
LV-7-RING-030M	7 Inch Ring for all Types of Concrete, Grit 30	7in / 175mm	30	10 mm
LV-7-RING-070M	7 Inch Ring for all Types of Concrete, Grit 70	7in / 175mm	70	10 mm

3N Copper Rings, 7 Inch

Item Number	Description	Size	Grit	Thickness
3N-7R-CO-0030	3N Copper Polishing Rings, 7 Inch with 5 Inch Center Hole, Grit 30	7in / 175mm	30	4 mm
3N-7R-CO-0050	3N Copper Polishing Rings, 7 Inch with 5 Inch Center Hole, Grit 50	7in / 175mm	50	4 mm
3N-7R-CO-0070	3N Copper Polishing Rings, 7 Inch with 5 Inch Center Hole, Grit 70	7in / 175mm	70	4 mm
3N-7R-CO-0120	3N Copper Polishing Rings, 7 Inch with 5 Inch Center Hole, Grit 120	7in / 175mm	120	4 mm
3N-7R-CO-0220	3N Copper Polishing Rings, 7 Inch with 5 Inch Center Hole, Grit 220	7in / 175mm	220	4 mm

3N High Performance Resin Rings, 7 Inch

Item Number	Description	Size	Grit	Thickness
3N-HP-7R-0050	3N HP Polishing Rings, 7 Inch with 5 Inch Center Hole, Grit 50	7in / 175mm	50	4 mm
3N-HP-7R-0100	3N HP Polishing Rings, 7 Inch with 5 Inch Center Hole, Grit 100	7in / 175mm	100	4 mm
3N-HP-7R-0200	3N HP Polishing Rings, 7 Inch with 5 Inch Center Hole, Grit 200	7in / 175mm	200	4 mm
3N-HP-7R-0400	3N HP Polishing Rings, 7 Inch with 5 Inch Center Hole, Grit 400	7in / 175mm	400	4 mm
3N-HP-7R-0800	3N HP Polishing Rings, 7 Inch with 5 Inch Center Hole, Grit 800	7in / 175mm	800	4 mm
3N-HP-7R-1500	3N HP Polishing Rings, 7 Inch with 5 Inch Center Hole, Grit 1500	7in / 175mm	1500	4 mm
3N-HP-7R-3000	3N HP Polishing Rings, 7 Inch with 5 Inch Center Hole, Grit 3000	7in / 175mm	3000	4 mm
3N-HP-7R-BUFF	3N HP Polishing Rings, 7 Inch with 5 Inch Center Hole, Grit BUFF	7in / 175mm	BUFF	4 mm





3N HP Pads for Polishing Countertops

3N High Performance Polishing Pads are 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 HP pads are for dry applications only.

3N High Performance Pads, 4 Inch, Dry Only

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

3N High Performance Pads, 5 Inch, Dry Only

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



NEW! Diama-Clean™ Pads for Maintenance

NEW! Diama-Clean™ Maintenance Pads are high quality diamond-impregnated pads available in 7, 8, 9, 13, 17, 20, 21, and 27 inch sizes for use under the 30 inch low profile Lavina machines, swing machines, and burnishers. The first of their kind for the Lavina line, they provide the perfect solution for maintaining an InovaCrete® floor. Diama-Clean™ require only water - no wax or chemicals needed - and are a very environmentally friendly solution for maintaining floors. Diama-Clean™ are also safe for daily use.

Diama-Clean™ Pads for Maintenance, 13 Inch

Item Number	Description	Size	Grit
DC-13-0220	NEW Diama-Clean Pads for Floor Maintenance, 13 Inch, 220 Grit	13 in / 343 mm	220
DC-13-0400	NEW Diama-Clean Pads for Floor Maintenance, 13 Inch, 400 Grit	13 in / 343 mm	400
DC-13-0800	NEW Diama-Clean Pads for Floor Maintenance, 13 Inch, 800 Grit	13 in / 343 mm	800
DC-13-1800	NEW Diama-Clean Pads for Floor Maintenance, 13 Inch, 1800 Grit	13 in / 343 mm	1800
DC-13-BUFF	NEW Diama-Clean Pads for Floor Maintenance, 13 Inch, BUFF Grit	13 in / 343 mm	BUFF

Diama-Clean™ Pads for Maintenance, 17 Inch

Item Number	Description	Size	Grit
DC-17-0220	NEW Diama-Clean Pads for Floor Maintenance, 17 Inch, 220 Grit	17 in / 432 mm	220
DC-17-0400	NEW Diama-Clean Pads for Floor Maintenance, 17 Inch, 400 Grit	17 in / 432 mm	400
DC-17-0800	NEW Diama-Clean Pads for Floor Maintenance, 17 Inch, 800 Grit	17 in / 432 mm	800
DC-17-1800	NEW Diama-Clean Pads for Floor Maintenance, 17 Inch, 1800 Grit	17 in / 432 mm	1800
DC-17-BUFF	NEW Diama-Clean Pads for Floor Maintenance, 17 Inch, BUFF Grit	17 in / 432 mm	BUFF

Diama-Clean™ Pads for Maintenance, 20 Inch

Item Number	Description	Size	Grit
DC-20-0220	NEW Diama-Clean Pads for Floor Maintenance, 20 Inch, 220 Grit	20 in / 508 mm	220
DC-20-0400	NEW Diama-Clean Pads for Floor Maintenance, 20 Inch, 400 Grit	20 in / 508 mm	400
DC-20-0800	NEW Diama-Clean Pads for Floor Maintenance, 20 Inch, 800 Grit	20 in / 508 mm	800
DC-20-1800	NEW Diama-Clean Pads for Floor Maintenance, 20 Inch, 1800 Grit	20 in / 508 mm	1800
DC-20-BUFF	NEW Diama-Clean Pads for Floor Maintenance, 20 Inch, BUFF Grit	20 in / 508 mm	BUFF

Diama-Clean™ Pads for Maintenance, 21 Inch

Item Number	Description	Size	Grit
DC-21-0220	NEW Diama-Clean Pads for Floor Maintenance, 21 Inch, 220 Grit	21 in / 533 mm	220
DC-21-0400	NEW Diama-Clean Pads for Floor Maintenance, 21 Inch, 400 Grit	21 in / 533 mm	400
DC-21-0800	NEW Diama-Clean Pads for Floor Maintenance, 21 Inch, 800 Grit	21 in / 533 mm	800
DC-21-1800	NEW Diama-Clean Pads for Floor Maintenance, 21 Inch, 1800 Grit	21 in / 533 mm	1800
DC-21-BUFF	NEW Diama-Clean Pads for Floor Maintenance, 21 Inch, BUFF Grit	21 in / 533 mm	BUFF

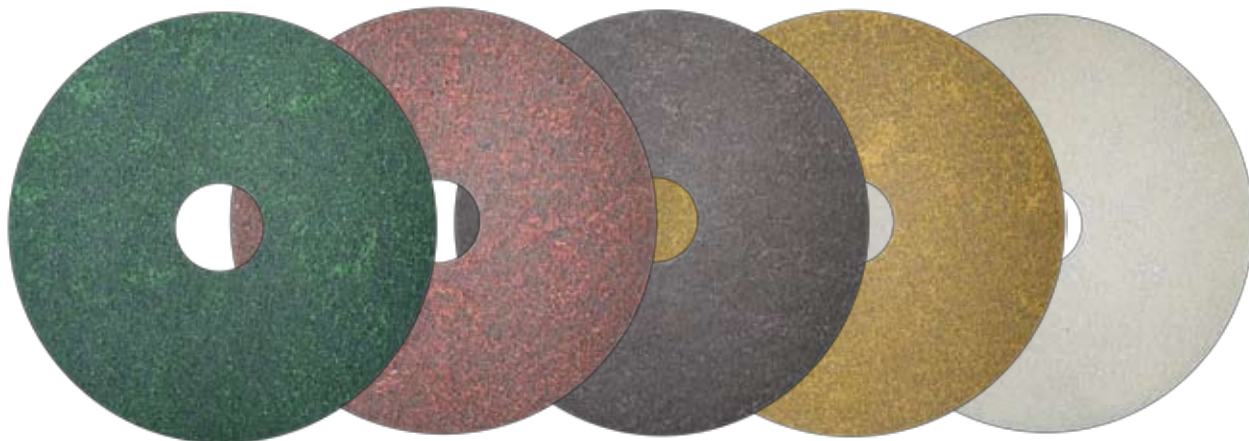
Diama-Clean™ Pads for Maintenance, 27 Inch

Item Number	Description	Size	Grit
DC-27-0220	NEW Diama-Clean Pads for Floor Maintenance, 27 Inch, 220 Grit	27 in / 686 mm	220
DC-27-0400	NEW Diama-Clean Pads for Floor Maintenance, 27 Inch, 400 Grit	27 in / 686 mm	400
DC-27-0800	NEW Diama-Clean Pads for Floor Maintenance, 27 Inch, 800 Grit	27 in / 686 mm	800
DC-27-1800	NEW Diama-Clean Pads for Floor Maintenance, 27 Inch, 1800 Grit	27 in / 686 mm	1800
DC-27-BUFF	NEW Diama-Clean Pads for Floor Maintenance, 27 Inch, BUFF Grit	27 in / 686 mm	BUFF

Also available in 7, 8, and 9 inch sizes.



NEW! Diama-Clean™ Pads for Maintenance



Green - 220 grit Rose - 400 grit Brown - 800 grit Yellow - 1800 grit White - BUFF grit

By using sequential grit sizes in succession, you can achieve a tremendous shine on already polished concrete. This is the industry's best solution for enhancing already polished concrete, stone, and terrazzo floors.

- 220 Grit Diama-Clean™ Pads will provide an aggressive cleaning cut for the first step on extremely dirty floors.
- 400 Grit Diama-Clean™ Pads will provide a honing cut for the second step on already clean floors.
- 800 Grit Diama-Clean™ Pads will provide a finished polished look to a surface that is already honed properly.
- 1800 Grit Diama-Clean™ Pads will provide a more deeply finished polished look to a surface that is already honed and polished properly.
- Buff Grit Diama-Clean™ Pads will provide the finishing touch to a properly polished surface. Buff Grit Diama-Clean™ Pads can also be used for burnishing guard and sealer products. Please refer to the chemical manufacturers' instructions for their recommended system when chemicals are used.

Diama-Clean™ Maintenance Pads are designed to give a contractor the flexibility to use a Lavina L-30G Pro, Lavina L-30L Pro, auto scrubbing machine, high speed burnisher, or swing buffing machine for maintaining and increasing a floor's shine. Whatever the floor maintenance task, Diama-Clean Maintenance™ Pads are the most thorough solution, providing a superior shine over other competitive brands.



Recommended Floor Maintenance System

InovaCrete™
High Gloss Polished
Concrete

Clean daily with the WHITE BUFF pad.

Power
Trowelled
Concrete

Clean daily with the BROWN 800, YELLOW 1800, and WHITE BUFF pads.

Unpolished
Concrete

Clean daily with the GREEN 220 and ROSE 400 pads.

Natural Stone

Clean daily with the WHITE BUFF pad. Lower grits may be added prior to this step, depending on the level of polish already present.

VCT

Clean daily with the BROWN 800, YELLOW 1800, and WHITE BUFF pads.

Ceramic Tiles

Clean daily with the BROWN 800, YELLOW 1800, and WHITE BUFF pads. Add the ROSE 400 pad prior to these steps, if there is residue present.

Resin Floors

Clean daily with the YELLOW 1800 and WHITE BUFF pads.



Recommended Floor Maintenance System

Diamaclean™ Floor Maintenance Guide...

- Follow the guide to the left for specific floor recommendations.
- Diamaclean™ pads may be used dry, but wet use is highly recommended. If wet, use with water or a pH-neutral cleaning solution designed for floor maintenance. All water and residue should be reclaimed from the floor after cleaning.
- If using a cleaning solution, carefully follow the manufacturer's directions and apply no more than the amount suggested. It is very important that operators not over apply cleaners to the floor, as this can leave behind residue and interfere with the floor's natural shine.
- To maintain concrete or natural stone floors with minor scratching or etching, begin with one grit lower than the recommendation to the left, and continue as suggested.
- For floors requiring only two maintenance steps, operators may rotate these two steps daily; i.e., run YELLOW 1800 one night, WHITE BUFF the following night, and repeat.
- Contact Superabrasive with additional questions regarding your specific floor maintenance needs: (800) 987-8403

LAVINA Accessories

We require the following information for the purchase of replacement LAVINA machine parts: model number, serial number

Superabrasive offers a wide variety of accessories for LAVINA, to accommodate many different applications. Contact Superabrasive for additional information about products for your individual surface preparation job.

Foam Plates for Attaching Velcro Backed Tooling

Item Number	Description	Size
LV-7-FP	Foam Plate for LAVINA 7 and LAVINA 16 models	7in / 175mm
LV-8-FP	Foam Plate for LAVINA 21-1.5 and 21-3 models	8in / 200mm
LV-9-FP	Foam Plate for LAVINA 20, 25, and 32 models	9in / 225mm
LV-13.5-FP	Foam Plate for LAVINA 30G model	13.5in / 335mm

New Head for Lavina Pro Machines for Rigid and Flexible Grinding

Item Number	Description	Size
A15.00.00	7 Inch Head for Rigid and Flexible Grinding, LAVINA PRO models	7in / 165mm
A22.000.00	8 Inch Head for Rigid and Flexible Grinding, 21" Lavina models	8in / 200mm

Floating Backer Heads for Flexible Grinding

Item Number	Description	Size
A01.00.00.00	7 Inch Floating Backer Head for LAVINA SPS and some PRO models	7in / 165mm

Rigid Backer Heads for Rigid Grinding

Item Number	Description	Size
A02.00.00.00	7 Inch Rigid Backer Head for LAVINA SPS and some PRO models	7in / 165mm



Pictured from left to right: foam plate for 7 and 9 inch heads, foam plate for 8 inch heads, foam plate for 13.5 inch heads, floating head, rigid head, (new head A15/00.00 not pictured)

LAVINA Accessories

We require the following information for the purchase of replacement LAVINA machine parts: model number, serial number

Superabrasive offers a wide variety of accessories for LAVINA, to accommodate many different applications. Contact Superabrasive for additional information about products for your individual surface preparation job.

Optional Added Maneuverability Handle for LAVINA 21-3

Item Number	Description
L21-30.00.00	Optional handle for LAVINA 21-3, Includes Control Panel (220V) - not for L-21-1.5 model

Finger System Plates for Glue and Light Epoxy Removal

Item Number	Description	Size
LV-7-FS-3	7 Inch Finger System Plate with 3 Springs and Holders	7in / 175mm
LV-9-FS-3	9 Inch Finger System Plate with 3 Springs and Holders	9in / 225mm
LV-9-FS-5	9 Inch Finger System Plate with 5 Springs and Holders	9in / 225mm

Additional Weights for LAVINA Machines

Item Number	Description	Weight
L16-12.00.00.00	Weight for LAVINA 16-SPS and 16-P models	25 lbs / 10 kg
L21-50.00.00	Weight for LAVINA 21-3	17.5 lbs / 8 kg
A07.00.00.00	Weight for LAVINA 20-SPS / 20-P / 20N-P / 25-SPS models	48 lbs / 22 kg
A08.00.00.00	Weight for LAVINA 25-P / 25N-SPS / 25N-P / 25G-P / 25L-P / 30G-P / 30L-P / 32-SPS / 32-P models	64 lbs / 29 kg



Pictured from left to right: finger system plates, additional weights for LAVINA (see pages 20-21 for images of the optional handle for L-21-3)

LAVINA Accessories

Aluminum Lippage Holder for the Attachment of Velcro Backed Pads

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

Rubber Spacer with Hook and Loop, as a Cushion Between the Diamond Pad and 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 / 119mm
RUB-SP-7	Rubber Spacer with Hook and Loop, 7 Inch	7in / 170mm
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 / 225mm

Aluminum Rigid Backer Pads 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 Rubber Backer Pads for Corners or Curved Edges

Item Number	EU Item Number	Description	Size
RB2-5/8-11-E	RB2-M14-E	Flexible Rubber Backer, 5/8-11 or M14, 2 Inch	2in / 56mm
RB3-5/8-11-E	RB3-M14-E	Flexible Rubber Backer, 5/8-11 or M14, 3 Inch	3in / 75mm
RB4-5/8-11-E	RB4-M14-E	Flexible Rubber Backer, 5/8-11 or M14, 4 Inch	4in / 94mm
RB5-5/8-11-E	RB5-M14-E	Flexible Rubber Backer, 5/8-11 or M14, 5 Inch	5in / 119mm
RB5-5/8-11-D	RB5-M14-D	Flexible Rubber Backer, 5/8-11 or M14, 5 Inch, Dry	5in / 119mm

LAVINA Grinding and Polishing Boxes

Item Number	Description
LV-GR-B	Custom Made Wooden LAVINA Grinding Box, Including Three Sets of Grinding Plates
LV-POL-B	Custom Made Wooden LAVINA Polishing Box, Full Set of Polishing Pads with Foam Heads



Pictured from left to right: aluminum lippage holders, rubber spacers, and aluminum rigid backer pads

Additional Accessories

Third Wheel Jacks for 25N, 25L, and 32 Inch Machines are a convenient new addition to the LAVINA accessories line. These additional wheel units easily attach to the front the 25N and 32 inch LAVINA PRO machine models and allow for additional control and maneuverability. See page 9 for a photo. Contact us for additional information regarding item numbers and ordering.

The below items are recommended accessories, but are not supplied by Superabrasive.
 Contact us for additional information on how to purchase these useful additions to your Lavina SPS system.

Quick 220 Voltage Converter (not pictured) is a new addition to the LAVINA Accessories line. This simple device will convert 2 separate 110V outlets on different circuits into a single 220V 20 Amp power source. Quick 220 is small, lightweight, portable, and easy to use. Not for use with GFI circuits. Contact Superabrasive for additional information and instructions.

Mechanical Concrete Test Hammer is a necessary tool for testing the hardness of concrete. It is critical to understand the concrete's hardness before beginning work, as this will affect the type of tooling required for the job. Determining the concrete's hardness will also indicate whether the concrete should be densified, and how many times. Contact Superabrasive for a product data sheet and additional instructions.

Scratch Tester (Deluxe Mohs' Hardness Pick Set from Mineralab) is another solution for concrete hardness testing. Picks composed of metals and alloys quickly and easily identify the hardness of concrete or any other mineral. Used in the industrial, excavation, and archaeological fields, the hardness pick set is compact, lightweight, and easily portable. The manufacturer offers a one year warranty. Contact Superabrasive for a product data sheet and additional instructions.

HORIBA Gloss Checker is a must for testing the gloss level of polished concrete surfaces. Available in two models, the gloss checker is simple to operate, featuring "one-touch" calibration and requires no warm up time. Two models allow for different levels of accuracy. Contact Superabrasive for a product data sheets and additional information or instructions.

ASM 825 Slip Meter is reliable, compact, and easy to use. ASM 825 will ensure that your jobs are compliant with all ADA and OSHA friction level standards. Featuring a one year manufacturer warranty, this slip meter features simple instructions, performs accurate tests in seconds, and is extremely lightweight and portable. Contact Superabrasive for a product data sheet and additional instructions.



Pictured from left to right: Mechanical Concrete Test Hammer, Horiba IG-320 Gloss Checker, Horiba IG-331 Gloss Checker, ASM 825 Slip Meter

Frequently Asked Questions

Why polish concrete?

Polished concrete has many advantages: it is durable, easy to maintain, cost effective, dust proof, LEED friendly, has increased light reflectivity, and is slip resistant, among other benefits. The life expectancy of a concrete floor will far surpass that of most other flooring surfaces, making it a common choice for warehouses, manufacturing facilities, large stores, schools, hospitals, and government buildings. Polished concrete floors are also becoming more popular in residential homes. Durable enough for heavy machinery, forklift activity, and extensive foot traffic, polished concrete is easy to clean, requiring only occasional mopping. These floors also eliminate the need for special waxes or coatings, as well as the associated labor, time, and expense to apply them. Polished concrete floors are generally no slicker than untreated concrete surfaces and are about 40% less slippery than a hardwood floor, waxed linoleum or polished marble. The high light reflectivity of polished concrete is another important aesthetic benefit, especially for office buildings, hotels, restaurants, and other public facilities that want to project a bright, clean, professional image. Furthermore, polished concrete may be stained, stenciled or engraved to add character and further improve its appearance. The available options for coloring concrete have never been greater, and there is also an endless array of other decorative effects. In short, polished concrete is a popular flooring solution because of its practical advantages, as well as its decorative appeal.

What do I need to get started?

We recommend a complete surface preparation system including: a floor machine(s), vacuum system(s), diamond tooling, chemicals (densifier and sealer) and dyes (optional). It is also important to receive proper training to ensure that your projects are completed in a professional, timely and cost effective manner.

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® PRO is appropriate for small residential projects, like garages or patios, whereas larger residential or commercial projects will require a larger, more powerful machine such as LAVINA 25® PRO, LAVINA 32® PRO, or LAVINA 30G PRO.
- **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 be treated by a product such as Quick Mender®.
- **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, 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?** Medium to hard concrete requires soft bond diamond tooling such as metal bond, or MC to HC QuickChange tooling. Conversely, soft concrete requires a harder bond such as terrazzo, or SC QuickChange tooling. All tooling featured in this catalog clearly indicates its appropriate application.
- **How much shine do you want?** If a honed finish with less shine is desired, you may stop polishing after grit 220 or 400. However, a shiny mirror-like finish, will require the complete system up to 3500 or 8500 grit and possibly a sealer.
- **Grinding wet or dry?** This will sometimes depend on the job and job site. Most operators prefer the dry process, as it requires less clean up; however, wet grinding is best for some applications. Keep in mind that dry grinding will always require a vacuum for dust removal.
- **Is your project indoors or outdoors?** This will determine which sealer and dyes are needed. Some guards and sealers are appropriate for indoor applications only. Water- and acetone-based dyes are also for interiors only because they are not UV stable. Others such as ColorJuice™, however, is UV stable and ideal for concrete porches, patios, driveways, sidewalks and pool decks. Contact us for additional information about your specific job and the appropriate chemicals to use.

Frequently Asked Questions

- **Do you want to dye the concrete?** Color is entirely optional, and will require the following accessories for application: microfiber mops; air pump sprayers or a special pump sprayer if applying an acetone-based dye; painters tape and masking paper to mask off all areas that should not receive any color. Note: water- and acetone-based dyes are for interior applications only.
- **What are the electrical requirements?** The availability of electrical options can sometimes determine the appropriate machine for your job. Be sure you know the voltage of your machine before plugging it into the circuit. If you have a regular 220V machine, the Lavina Quick 220V system will help you put a 220V 20amp circuit in almost any residential home using 2 separate 110V outlets on different circuits. 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.

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

Again, 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. Contact Superabrasive for additional information about the appropriate steps for your specific job.

[Can I skip steps?](#)

No. In order to achieve professional results, it is important not to skip steps.

[What is the difference between terrazzo bond and metal bond tools \(not referring to QuickChange\)?](#)

Terrazzo bond tooling is designed for processing soft concrete, while metal bond should be used to grind medium to hard concrete only. It is important to understand the hardness of the concrete before beginning work, as working with the wrong bond will result in short tool life and unsatisfactory results. See page 51 for a selection of hardness testers.

[What is the difference between the 1 and 2 button QuickChange pads? Why are there two options?](#)

We offer a wide variety of tooling so that operators may customize their equipment for nearly any application. The less buttons on the plate, the more aggressively the machine will grind. Therefore, a set of single button QuickChange pads will grind much more aggressively than a set of two button pads.

[How do I decide between grinding dry and grinding wet?](#)

This will often be determined by the location of the job, as some sites are not appropriate for wet grinding. In general, wet grinding is a bit more aggressive than dry, and can be the best option for some jobs that involve coatings removal, etc. Dry grinding requires less clean up, but will always require a vacuum unit for dust removal. In short, the decision to grind wet or dry will be determined by the application, job site location, and preference of the operator.

[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, for jobs that begin with optimal concrete and desire a cream polish only, a LAVINA 16*E PRO may process about 250 square feet per day, while a LAVINA 32* PRO may complete as much as 2500 square feet per day.

[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.

For more in depth answers to your concrete polishing questions, call us toll free at 1-800-987-8403 or visit our website any time at www.superabrasive.com.

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.

Return Policy for Lavina Machines

Lavina machines may be returned, subject to the following terms:

- In no case may a machine be returned to Superabrasive Inc. for credit or repair without prior authorization and a pre issued RMA#.
- 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 machine must be included on all packages and correspondence.
- Machines returned without prior authorization will remain property of the sender and Superabrasive Inc. will not be responsible for them.
- No machines will be credited after 90 days from the date of invoice.
- All freight costs associated with the return of product(s) to Superabrasive for repair or replacement, and all subsequent freight costs associated with the return of the products to the purchaser, will be the sole responsibility of the purchaser, unless otherwise predetermined by Superabrasive.

Warranty Policy for Lavina Machines

A warranty card will be included in the manual provided to you with the purchase of a Lavina machine. To ensure registration and activation of the warranty coverage, the warranty card must be mailed to the manufacturer within 30 days from date of purchase. Failure to mail the warranty card within 30 days from date of purchase may void the warranty.

Superabrasive Inc offers a 2 year limited warranty against defects in material and workmanship to the original purchaser of the Lavina machine. Below are some features of the warranty policy, but Lavina owners should contact Superabrasive for additional details. Lavina owners may also download manuals from the Superabrasive website which contain additional warranty information.

The following conditions pertain to this warranty:

- Applies only to the original owner and is not transferable.
- Machine must not be dismantled and tampered with in any way.
- Covered components proven defective will be repaired or replaced at no charge. This warranty does not apply to any repair arising from misuse, neglect or abuse, or to repair of proprietary parts.
- This warranty does not apply to products with aftermarket alterations, changes, or modifications.
- 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.
- This warranty is limited to repair or replacement of covered components and reasonable labor expenses.
- All warranty returns must be shipped freight prepaid.

Superabrasive reserves the right to inspect and make a final decision on any machine returned under this warranty. This warranty applies to new, used and demo machines.

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.



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