

introduces the all-new







# OUR COMPANY

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

Our LAVINA<sup>®</sup> line for floor grinding, polishing and maintenance continues to thrive and grow. This year, we are launching an all-new LAVINA ELITE Series, with a complete range of propane and electric grinders, offering a vastly improved efficiency and user-friendliness. There are two new remote-controlled LAVINA grinders which will make your job easier - a mid size 25-inch L25RE and a larger 32-inch L32RE.

We have also introduced a new line of Quick Change hybrid and resin tools eliminating the need for using foam plates - all of our popular diamond tools, including V-Harr, Nato, HD Coppers, 3-step system, etc., are attached directly to the grinding heads.

Last but not least, we are continuing to grow our Trowel Shine brand and to gain market share with the most efficient power trowel polishing system for large industrial projects.













# **QUICK CHANGE TRANSITIONAL & POLISHING TOOLS**







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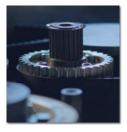
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# TROWEL SHINE TOOL HOLDERS - 10.63" & 14"



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





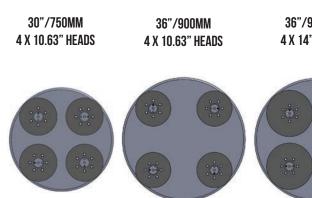


**#P02-FP-10.63** 

**#P02-FP-14** 

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

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



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

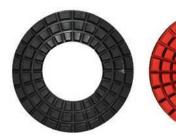




# **POPULAR TROWEL SHINE SET-UPS:**

48"/1200MM 36"/900MM 48"/1200MM 4 X 14" HEADS 4 X 14" HEADS 5 X 14" HEADS

# **TROWEL SHINE POLISHING SYSTEM, WET**



WAFFEL 120

WAFF-10.63-120

WAFF-14-120





WAFF-10.63-400

WAFF-14-400



WAFFEL 800 WAFF-10.63-800 WAFF-14-800

# IF THE FLOOR IS DAMAGED OR HAS A RAIN DROP EFFECT

WAFFEL 220

WAFF-10.63-220

WAFF-14-220

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

DENSIFY

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

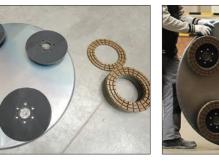


# OPTIONAL POLISHING STEPS: 1800 & 3500 GRIT

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





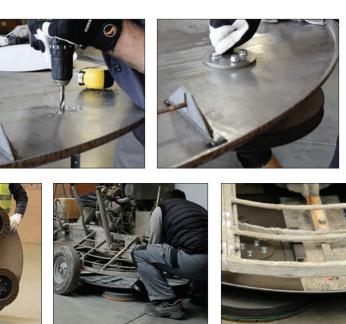








# **HOW IT WORKS:**











#### COMPLETELY REDESIGNED FRAME AND DUST-PROOF GRINDING HEAD WITH LOW-FRICTION CHAIN GEAR PLANETARY DRIVE

The new frame delivers superior maneuverability and easy tool changes. The dust-proof head protects internal components from dust and moisture, which reduces maintenance and increases service life. The chain has been upgraded on 20/25/30-inch models.



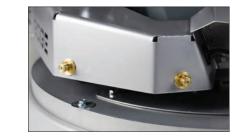
#### **NEW HEADS LOCKING MECHANISM**

We have updated the locking mechanism on the grinding heads for a more secure tool attachment. Elite machines are designed for use with Quick Change style tools only, metal and resin, and are not compatible with velcro backed tools.



#### EPA & CARB BLUE SKY ENGINES WITH INTELLIGENT FUEL **CONTROL SYSTEM ON ALL PROPANE MODELS**

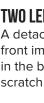
Our unique digital fuel control system, Lavina Fuel Minder, is highly responsive to changes in engine load, providing optimum air-to-fuel ratio regardless of operating conditions. Featuring LCD screen with user interface, service reminders, emissions warnings, battery voltometer, and more. Our engine kits are beating the EPA emissions standard by 40% and the CARB standard by 50%, thus, earning Blue Sky recognition.











complete.

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# LAVINA<sup>®</sup> MACHINES

#### DUST SUPPRESSION FINE MISTING SYSTEM WITH HIGH PRESSURE SPRAY NOZZLES

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

#### EASY-TO-USE INTEGRATED WEIGHTS

With the weights down, you increase the grinding head pressure, and you can grind more aggressively. Make sure weights are always locked in the upward position.

#### **CONVENIENT INTEGRATED LIFT POINTS**

New lift points design facilitates moving the machine with a forklift.

#### IMPROVED DUST COLLECTION EFFICIENCY

Adjustable skirt with a flexible brush for better dust containment. Also, the vacuum hose connection is now closer to the dust source, and utilizes a metal camlock attachment.

#### TWO LED LIGHTS FOR MONITORING THE FLOOR

A detachable LED light (with a magnet) on the base in the front improves visibility, and a second LED light attached in the back of the machine near the floor helps monitor the scratch pattern.

#### NEW ADJUSTABLE HANDLE BAR

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

#### **CHARGING PHONE STATION WITH DUAL USB 2.0 PORTS**

3.15 Amps for faster charging with a shutoff when charge is

#### ALSO, A DURABLE STAINLESS STEEL CUP HOLDER







# **NEW REMOTE-CONTROLLED MODELS - L32RE, L25RE**



| (((-))) | METAL BOND TOOLS 🔻                               | 9                                       |
|---------|--|---|
| C       | 234 V Power 58% 25.3 A                           | Ċ                                       |
|         |  |   |
| X       | - <b>((</b> <sup>718</sup> <i>)</i> ) - <b>(</b> | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
|         | 0 h RPM 3.2<br>m/min                             | ↑                                       |
| A       | 13:<br>16/1                                      |   |



| Action required Ti | me left |       |
|--------------------|---------|-------|
| Seal Replacement   | 400 h   | Set   |
| Chain Inspection   | 300 h   | Set   |
| Belt Inspection    | 400 h   | Set   |
| Tooling Inspection | 200 h   | Set   |
|                    |         | a off |
| Log in             | Lo      | g off |

#### NEW INTELLIGENT REMOTE CONTROL

Precise control over the machine - two sensitive thumbsticks control its position and offset, including integrated mapping on the offset. A wide range of functions. Super light and easy to use with ergonomic rubber grip.

#### **INTUITIVE TOUCHSCREEN PANEL / HMI**

Our new HMI provides essential operating information and implements operators' instructions. HMI functionality includes:

- indications of power supply and power consumption,
- machine load and hours worked,
- tool holder rpm and option to choose rpm setting with tool input,
- water supply and lights activation,
- maintenance reminders,
- password activation and shutoff, etc.

#### A NEW 3RD WHEEL AND LARGER TIRES

The newly designed 3rd wheel facilitates moving the machine. New pins on the wheels allow for moving the machine without using the RC unit.





#### L32RE

| Horsepower   | 20 HP / 15 KW                   |
|--|---------------------------------|
| Voltage (50/60 Hz)   | 3ph x 200-240V                  |
| Amperage (max)   | 60 Amp                          |
| Dedicated Breaker Requirement  | 80 Amp                          |
| Generator Recommendation   | 45 KW                           |
| Weight of Machine  | 1565 lbs / 710 kg               |
| Grinding Pressure Weights Pos. 1<br>Grinding Pressure Weights Pos. 2 | 540 lbs / 245 kg                |
| Grinding Pressure Weights Pos. 3<br>Grinding Pressure Weights Pos. 4 | 870 lbs / 395kg                 |
| Attachment Speed   | 300-1100 rpm                    |
| Working Width  | 32in / 814mm                    |
| Tool Holder Diameter   | 9in / 225mm                     |
| Vacuum Hose Port   | Camlock E300                    |
| Water feeding (with pump)  | Peripheral & Front<br>Mist      |
| Water tank capacity  | 12gal / 46L                     |
| Cable Length   | 57 ft / 17.4 m                  |
| AMG Battery<br>RC Battery (rechargeable)                             | 12 V/2x7 AH<br>AA 1.2V          |
| Machine Size LxWxH   | 100x34x52 in /<br>254x86x132 cm |
| Crate size LxWxH   | 63x37x63 in /<br>160x95x160 cm  |

# EUROPEAN MODEL CE

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

# LAVINA® MACHINES

#### L25RE

| Horsepower                               | 10 HP / 7.5 KW               |
|--|------------------------------|
| Voltage (50-60 Hz)                       | 3ph x 200-240V               |
| Amperage (max)                           | 45 Amp                       |
| Dedicated Breaker Requirement            | 45 Amp                       |
| Generator Recommendation                 | 33KW                         |
| Weight of Machine                        | 983 lbs / 446 kg             |
| Grinding Pressure Weights UP             | 364 lbs / 165 kg             |
| Grinding Pressure Weights DOWN           | 436 lbs / 198 kg             |
| Attachment Speed                         | 300-1100 rpm                 |
| Working Width                            | 25in / 655mm                 |
| Tool Holder Diameter                     | 3x9in / 3x225mm              |
| Tool Diameter                            | 3x9in / 3x225mm              |
| Vacuum Hose Port                         | Camlock E250                 |
| Water feeding (with pump)                | Peripheral & Front<br>Mist   |
| Water tank capacity                      | 5.2gal / 20L                 |
| Cable Length                             | 57 ft / 17.4 m               |
| AMG Battery<br>RC Battery (rechargeable) | 12 V/2x7 AH<br>AA 1.2V       |
| Machine Size LxWxH                       | 76x28x47 in<br>197x71x120 cm |
| Crate size LxWxH                         | 62x29x43 in<br>157x73x110 cm |

EUROPEAN MODEL CE

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

DUST EXTRACTORS

COATING REMOVAL

GRINDING

POLISHING

CORNERS, EDGES

COUNTERTOPS

MAINTENANCE

ACCESSORIES | TERMS



| L32E  | *Also in HV - 3ph   | x 380/480V, 32 Amp   |
|---|---------------------|--|
| Horsepower  |                     | 20HP / 15KW  |
| Voltage (50/60 Hz)*   | ۶.                  | 3ph x 200-240V   |
| Amperage (max)  |                     | 60 Amp   |
| Dedicated Breaker   | Requirement         | 60 Amp   |
| Generator Recomme   | endation            | 45KW   |
| Weight of Machine   |                     | 1618 lbs / 683 kg  |
| Grinding Pressure   | Weights Pos. 1      | 540 lbs / 245 kg   |
| Grinding Pressure   | Weights Pos. 2      |  |
| Grinding Pressure   | Weights Pos. 3      |  |
| Grinding Pressure   | Weights Pos. 4      | 870 lbs / 395 kg   |
|   |                     |  |
| Attachment Speed  |                     | 300-1100 rpm   |
| Attachment Speed<br>Working Width   |                     | 300-1100 rpm<br>32in / 814mm   |
|   |                     |  |
| Working Width   | ter                 | 32in / 814mm   |
| Working Width<br>Tool Holder Diame  | ter                 | 32in / 814mm<br>9in / 225mm  |
| Working Width<br>Tool Holder Diame<br>Vacuum Hose Port  | ter<br>n pump)      | 32in / 814mm<br>9in / 225mm<br>Camlock E300<br>Peripheral & Front                          |
| Working Width<br>Tool Holder Diame<br>Vacuum Hose Port<br>Water feeding (with                       | ter<br>n pump)      | 32in / 814mm<br>9in / 225mm<br>Camlock E300<br>Peripheral & Front<br>Mist                  |
| Working Width<br>Tool Holder Diame<br>Vacuum Hose Port<br>Water feeding (with<br>Water tank capacit | ter<br>n pump)<br>y | 32in / 814mm<br>9in / 225mm<br>Camlock E300<br>Peripheral & Front<br>Mist<br>12 gal / 46 L |

EUROPEAN MODEL CE L32EU 15 kW, 3 phase, 380-400 V, 32 Amp

| L30LE               | *Also in HV - 3p | h x 440/480V, 30 Amp         |
|---------------------|------------------|------------------------------|
| Horsepower          |                  | 15HP / 11KW                  |
| Voltage (50-60 Hz)* |                  | 3ph x 200-240V               |
| Amperage (max)      |                  | 45 Amp                       |
| Dedicated Breaker R | Requirement      | 45 Amp                       |
| Generator Recomme   | endation         | 33KW                         |
| Weight of Machine   |                  | 860 lbs / 390 kg             |
| Grinding Pressure   | Weights UP       | 465 lbs / 211 kg             |
| Grinding Pressure   | Weights DOWN     | 545 lbs / 247 kg             |
| Attachment Speed    |                  | 300-1100 rpm                 |
| Working Width       |                  | 30in / 765mm                 |
| Tool Holder Diamet  | er               | 3x13.2in / 3x335mm           |
| Vacuum Hose Port    |                  | Camlock E250                 |
| Water feeding (with | n pump)          | Peripheral & Front<br>Mist   |
| Water tank capacity | 1                | 5.2gal / 20L                 |
| Cable Length        |                  | 57 ft / 17.4 m               |
| Machine Size LxWx   | Ή                | 59x34x47 in<br>150x81x120 cm |
| Crate Size LxWxH    |                  | 58x33x57 in<br>148x84x146 cm |
|                     |                  |                              |

EUROPEAN MODELS CE L30LEU 11 kW, 3 phase, 380-400V, 30 Amp



| L25E |
|------|
|------|

| Horsepower                     | 10HP / 7.5KW                 |
|--------------------------------|------------------------------|
| Voltage (50/60 Hz)             | 1 or 3ph x 200-240           |
| Amperage (max)                 | 30 Amp                       |
| Dedicated Breaker Requirement  | 30 Amp                       |
| Generator Recommendation       | 22.5KW                       |
| Weight of Machine              | 754 lbs / 342 kg             |
| Grinding Pressure Weights UP   | 348 lbs / 158 kg             |
| Grinding Pressure Weights DOWN | 428 lbs / 194 kg             |
| Attachment Speed               | 300-1100 rpm                 |
| Working Width                  | 25.8in / 655mm               |
| Tool Holder Diameter           | 3x9in / 3x225mm              |
| Vacuum Hose Port               | Camlock E250                 |
| Water feeding (with pump)      | Peripheral & Front<br>Mist   |
| Water tank capacity            | 5.2gal / 20L                 |
| Cable Length                   | 57 ft / 17.4 m               |
|                                |                              |
| Machine Size LxWxH             | 71x28x48 in<br>180x71x122 cm |
| Crate Size LxWxH               | 58x33x57 in<br>148x84x146 cm |
|                                |                              |

EUROPEAN MODELS CE L25EU 7.5 kW, 3 phase, 380-400 V, 15 Amp **L25LEU** 11 kW, 3 phase, 380-400 V, 30 Amp

# LAVINA<sup>®</sup> MACHINES

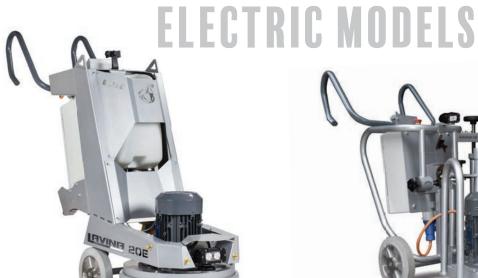


#### L20NE

| Horsepower                    | 7.5HP / 5.5KW  |
|-------------------------------|--|
| Voltage (50/60 Hz)            | 1 or 3ph x 200-240V                                    |
| Amperage (max)                | 30 Amp   |
| Dedicated Breaker Requirement | 30 Amp   |
| Generator Recommendation      | 16.5KW   |
| Weight of Machine             | 584 lbs / 265 kg                                       |
| Grinding Pressure Weights UP  | 187 lbs / 85 kg  |
| Grinding Pressure Weights DOW | /N 287 lbs / 130 kg                                    |
| Attachment Speed              | 300-1100 rpm   |
| Working Width                 | 20in / 510mm   |
| Tool Holder Diameter          | 3x9in / 3x225mm  |
| Vacuum Port                   |  |
| Water feeding (with pump)     | Peripheral & Front<br>Camlock E250 or 2in hose<br>Mist |
| Water tank capacity           | 5.2gal / 20L   |
| Cable Length                  | 57 ft / 17.4 m   |
| Machine Size LxWxH            | 66x22x47 in<br>168x56x122 cm                           |
| Crate Size LxWxH              | 55x29x56 in<br>139x71x142 cm                           |

#### EUROPEAN MODEL

**L20NEU** 5.5 kW, 3 phase, 380-400 V, 15 Amp L20N0EU 5.5 kW, 1 phase, 200-240 V, 15 Amp



#### L20E

| Horsepower                    | 4 HP / 3 KW                  |
|-------------------------------|------------------------------|
| Voltage (50/60 Hz)            | 1ph x 200-240V               |
| Amperage (max)                | 14 Amp                       |
| Dedicated Breaker Requirement | 20 Amp                       |
| Generator Recommendation      | 9KW                          |
| Weight of Machine             | 443 lbs / 201 kg             |
| Grinding Pressure             | 190 lbs / 86 kg              |
| Additional Weight             | no                           |
| Attachment Speed              | 300-1100 rpm                 |
| Working Width                 | 20in / 510mm                 |
| Tool Holder Diameter          | 3x9in / 3x225mm              |
| Application                   | wet or dry                   |
| Vacuum Port                   | Camlock E250 or<br>2in hose  |
| Water feeding (with pump)     | Peripheral & Front<br>Mist   |
| Water tank capacity           | 5.2gal / 20L                 |
| Cable Length                  | 57 ft / 17.4 m               |
| Machine Size LxWxH            | 66x22x48 in<br>168x56x122 cm |
| Crate Size LxWxH              | 55x29x56 in<br>139x71x140 cm |
|                               |                              |

EUROPEAN MODEL CE L2DEU 3 kW, 1 phase, 200-240 V, 14 Amp



1405

| L13E *Also in HV - 3ph x      | 440/480V, 12 Amp max         |  |  |  |  |
|-------------------------------|------------------------------|--|--|--|--|
| Horsepower                    | 5.5HP / 4KW                  |  |  |  |  |
| Voltage (50/60 Hz)            | 1ph x 200-240V               |  |  |  |  |
| Amperage                      | 16 Amp                       |  |  |  |  |
| Dedicated Breaker Requirement | 20 Amp                       |  |  |  |  |
| Generator Recommendation      | 9KW                          |  |  |  |  |
| Weight of Machine             | 271 lbs / 139 kg             |  |  |  |  |
| Grinding Pressure             | 64 lbs / 33 kg               |  |  |  |  |
| Additional Weight             | up to 50 lbs / 22.7kg        |  |  |  |  |
| # of Additional Weights       | 4 x 12.5 lbs / 5.7 kg        |  |  |  |  |
| Attachment Speed              | 500-800 rpm                  |  |  |  |  |
| Working Width                 | 13.2in / 335mm               |  |  |  |  |
| Tool Holder Diameter          | 13.2in / 335mm               |  |  |  |  |
| Application                   | dry                          |  |  |  |  |
| Dust-vacuum                   | yes                          |  |  |  |  |
| Water feeding                 | no                           |  |  |  |  |
| Water tank capacity           | n/a                          |  |  |  |  |
| Cable Length                  | 57 ft / 17.4 m               |  |  |  |  |
| Machine Size LxWxH            | 48x24x36 in<br>121x60x92 cm  |  |  |  |  |
| Crate Size LxWxH              | 56x29x43 in<br>141x73x110 cm |  |  |  |  |

# EUROPEAN MODEL CE

L13EU

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

# ELECTRIC

#### L21-X

| Horsepower                    | 2.45HP / 1.8KW               |
|-------------------------------|------------------------------|
| Voltage (50/60 Hz)            | 1ph x 100-115V               |
| Amperage                      | 16 Amp                       |
| Dedicated Breaker Requirement | 20 Amp                       |
| Generator Recommendation      | 7.5KW                        |
| Weight of Machine             | 219 lbs / 99 kg              |
| Grinding Pressure             | 113 lbs / 51 kg              |
| Additional Weight             | up to 35 lbs / 16 kg         |
| # of Additional Weights       | 2 x 17.5 lbs / 8 kg          |
| Attachment Speed              | 300-500 rpm                  |
| Working Width                 | 20in / 510mm                 |
| Tool Holder Diameter          | 3x7in / 3x178mm              |
| Application                   | wet or dry                   |
| Dust-vacuum                   | yes                          |
| Water feeding                 | Peripheral                   |
| Water tank capacity           | 5.2gal / 20L                 |
| Cable Length                  | no cable                     |
| Machine Size LxWxH            | 59x21x42 in<br>150x54x107 cm |
| Crate Size LxWxH              | 43x30x31 in<br>110x75x78 cm  |
|                               |                              |

# LAVINA® MACHINES

# ELECTRIC MODELS, 110V



# L7-X

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

# FLOOR MACHINES

**COATING REMOVAL** 

GRINDING

CORNERS, EDGES

COUNTERTOPS

MAINTENANCE

CCESSORIES | TERMS







# L38GR-GTX REMOTE-CONTROLLED!

| Propane Engine                           | Kawasaki FX1000V              |  |  |  |
|--|-------------------------------|--|--|--|
| Engine Capacity                          | 999cc / 61 cu.in.             |  |  |  |
| Weight of Machine                        | 1346 lbs / 610 kg             |  |  |  |
| Grinding Pressure Weights UP             | 590 lbs / 267 kg              |  |  |  |
| Grinding Pressure Weights DOWN           | 790 lbs / 358 kg              |  |  |  |
| AMG Battery                              | 12 V / 35 AH                  |  |  |  |
| RC Battery (Rechargeable)                | AA1.2 V                       |  |  |  |
| Tool Holder RPM                          | 600-1080 rpm                  |  |  |  |
| Engine RPM                               | 2000-3600 rpm                 |  |  |  |
| Working Width                            | 38 in / 965 mm                |  |  |  |
| Tool Holder Diameter                     | 13.2in / 335 mm               |  |  |  |
| Application                              | wet or dry                    |  |  |  |
| Vacuum Hose Port                         | 3 in / 76mm                   |  |  |  |
| Water feeding (with pump)                | Peripheral & Front<br>Mist    |  |  |  |
| Water tank capacity                      | 12 gal / 46L                  |  |  |  |
| Propane tank capacity                    | 33.5 lbs / 15.2 kg            |  |  |  |
| Third Wheel                              | yes                           |  |  |  |
| Machine Dimensions $L \times W \times H$ | 99x34x48 in<br>252x85x135 cm  |  |  |  |
| Crate Dimensions<br>L x W x H            | 65x44x68 in<br>165x112x173 cm |  |  |  |
|  |                               |  |  |  |



## L32GE

| Propane Engine                   | Kawasaki FX1000V                |  |  |  |
|----------------------------------|---------------------------------|--|--|--|
| Engine Capacity                  | 999cc / 61 cu.in.               |  |  |  |
| Weight of Machine                | 1505 lbs / 683 kg               |  |  |  |
| Grinding Pressure Weights Pos. 1 | 540 lbs / 245 kg                |  |  |  |
| Grinding Pressure Weights Pos. 2 |                                 |  |  |  |
| Grinding Pressure Weights Pos. 3 |                                 |  |  |  |
| Grinding Pressure Weights Pos. 4 | 870 lbs / 395 kg                |  |  |  |
| Tool Holder RPM                  | 600-1020 rpm                    |  |  |  |
| Engine RPM                       | 2000-3600 rpm                   |  |  |  |
| Working Width                    | 32in / 814mm                    |  |  |  |
| Tool Holder Diameter             | 9in / 225 mm                    |  |  |  |
| Application                      | wet or dry                      |  |  |  |
| Vacuum Hose Port                 | Camlock E300                    |  |  |  |
| Water feeding (with pump)        | Peripheral & Front<br>Mist      |  |  |  |
| Water tank capacity              | 12 gal / 46L                    |  |  |  |
| Propane tank capacity            | 33.5 lbs / 15.2 kg              |  |  |  |
| Third Wheel                      | yes                             |  |  |  |
| Machine Size<br>L x W x H        | 100x34x52 in /<br>254x86x132 cm |  |  |  |
| Crate Size<br>L x W x H          | 63x37x63 in /<br>160x95x160 cm  |  |  |  |







# L30GE

| Propane Engine                 | Kawasaki FX600V              |  |  |  |
|--------------------------------|------------------------------|--|--|--|
| Engine Capacity                | 603cc, 36.8 cu. in.          |  |  |  |
| Weight of Machine              | 794 lbs / 360 kg             |  |  |  |
| Grinding Pressure Weights UP   | 448 lbs / 203 kg             |  |  |  |
| Grinding Pressure Weights DOWN | 529 lbs / 240 kg             |  |  |  |
| Tool Holder RPM                | 570-1030 rpm                 |  |  |  |
| Engine RPM                     | 2000-3600 rpm                |  |  |  |
| Working Width                  | 30in / 765mm                 |  |  |  |
| Tool Holder Diameter           | 3x13.2in / 3x335mm           |  |  |  |
| Application                    | wet or dry                   |  |  |  |
| Vacuum Hose Port               | Camlock E250                 |  |  |  |
| Water Feeding (with pump)      | Peripheral & Front<br>Mist   |  |  |  |
| Water Tank Capacity            | 5.2gal / 20L                 |  |  |  |
| Dropopo Tople Consoitue        | 20lbs / 9kg                  |  |  |  |
| Propane Tank Capacity          |                              |  |  |  |
| Machine Size<br>L x W x H      | 76.5x32x48in<br>194x81x121cm |  |  |  |

# LAVINA® MACHINES

# S No cables, no generators, no hassle.



# L25GE

| Propane Engine                 | Kawasaki FX600V              |
|--------------------------------|------------------------------|
| Engine Capacity                | 603cc, 36.8 cu. in.          |
| Weight of Machine              | 764 lbs / 346 kg             |
| Grinding Pressure Weights UP   | 418 lbs / 189 kg             |
| Grinding Pressure Weights DOWN | 499 lbs / 226 kg             |
| Tool Holder RPM                | 570-1030 rpm                 |
| Engine RPM                     | 2000-3600 rpm                |
| Working Width                  | 25in / 655mm                 |
| Tool Holder Diameter           | 3x9in / 3x225mm              |
| Application                    | wet or dry                   |
| Vacuum Hose Port               | Camlock E250                 |
| Water Feeding (with pump)      | Peripheral & Front<br>Mist   |
| Water Tank Capacity            | 5.2gal / 20L                 |
| Propane Tank Capacity          | 20lbs / 9kg                  |
|                                |                              |
| Machine Size<br>L x W x H      | 71x28x48 in<br>180x71x122 cm |
|                                | / IA20/( 10 III              |

# FLOOR MACHINES







# L20GE

| Kawasaki FS481V                |
|--------------------------------|
| 603 cc / 36.8 cu.in.           |
| 645 lbs / 292 kg               |
| 267 lbs / 121 kg               |
| 364 lbs / 165 kg               |
| 610-1090 rpm                   |
| 2000-3600 rpm                  |
| 20in / 655mm                   |
| 3x9in / 3x225mm                |
| wet or dry                     |
| Camlock E250                   |
| Peripheral & Front<br>Mist     |
| 5.2 gal / 20 L                 |
| 20 lbs / 9 kg                  |
| 66x22x48 in /<br>168x56x122 cm |
| 55x29x56 in /                  |
|                                |



# L13GE

| Propane Engine                                  | Kawasaki FJ180V          |
|---|--------------------------|
| Engine Capacity                                 | 179 cc, 10.9 cu.in.      |
| Weight of Machine                               | 262 lbs / 119 kg         |
| Grinding Pressure                               | 73 lbs / 33 kg           |
|   |                          |
| Tool Holder RPM                                 | 525-900 rpm              |
| Engine RPM                                      | 2100-3600 rpm            |
| Working Width                                   | 13.2 in / 335 mm         |
| Tool Holder Diameter                            | 13.2 in / 335 mm         |
|   |                          |
| Application                                     | dry                      |
| Application<br>Vacuum Hose Port                 | dry<br>2 in / 51 mm      |
|   | 5                        |
| Vacuum Hose Port                                | 2 in / 51 mm             |
| Vacuum Hose Port<br>Water Feeding               | 2 in / 51 mm<br>no       |
| Vacuum Hose Port<br>Water Feeding<br>Water tank | 2 in / 51 mm<br>no<br>no |

#### SNAPSHOT COMPARISON OF LAVINA ELITE MODELS

|         | propane<br>(cordless) | electri-<br>cal | 110V | 220V | 400V | 480V<br>(HV) | single<br>phase<br>only | 1 or 3<br>phase | three<br>phase<br>only | 9 in<br>heads | 13.2 in<br>heads |
|---------|-----------------------|-----------------|------|------|------|--------------|-------------------------|-----------------|------------------------|---------------|------------------|
| L13GE   | •                     |                 |      |      |      |              |                         |                 |                        |               | •                |
| L13E    |                       | •               |      | •    |      |              | •                       |                 |                        |               | •                |
| L13EU   |                       | •               |      | •    |      |              | •                       |                 |                        |               | •                |
| L20E    |                       | •               |      | •    |      |              | •                       |                 |                        | •             |                  |
| L20EU   |                       | •               |      | •    |      |              | •                       |                 |                        | •             |                  |
| L20NE   |                       | •               |      | •    |      |              |                         | •               |                        | •             |                  |
| L20NEU  |                       | •               |      |      | •    |              |                         |                 | •                      | •             |                  |
| L20NOEU |                       | •               |      | •    |      |              | •                       |                 |                        | •             |                  |
| L20GE   | •                     |                 |      |      |      |              |                         |                 |                        | •             |                  |
| L25E    |                       | •               |      | •    |      |              |                         | •               |                        | •             |                  |
| L25EU   |                       | •               |      |      | •    |              |                         |                 | •                      | •             |                  |
| L25LE   |                       | •               |      | •    |      |              |                         |                 | •                      | •             |                  |
| L25LEHV |                       | •               |      | •    |      |              |                         |                 | •                      | •             |                  |
| L25LEU  |                       | •               |      |      | •    |              |                         |                 | •                      | •             |                  |
| L25RE   |                       | •               |      | •    |      |              |                         | •               |                        | •             |                  |
| L25REU  |                       | •               |      | •    |      |              |                         |                 | •                      | •             |                  |
| L25GE   | •                     |                 |      |      |      |              |                         |                 |                        | •             |                  |
| L30GE   | •                     |                 |      |      |      |              |                         |                 |                        |               | •                |
| L32E    |                       | •               |      | •    |      |              |                         |                 | •                      | •             |                  |
| L32EU   |                       | •               |      |      | •    |              |                         |                 | •                      | •             |                  |
| L32EHV  |                       | •               |      |      |      | •            |                         |                 | •                      | •             |                  |
| L32RE   |                       | •               |      | •    |      |              |                         |                 | •                      | •             |                  |
| L32REU  |                       | •               |      |      | •    |              |                         |                 | •                      | •             |                  |
| L32GE   | •                     |                 |      |      |      |              |                         |                 |                        | •             |                  |

# LAVINA<sup>®</sup> MACHINES



**COATING REMOVAL** 

GRINDING

POLISHING

CORNERS, EDGES

COUNTERTOPS

MAINTENANCE

CCESSORIES | TERMS

# LAVINA<sup>®</sup> POLISHER



#### LB36G-GTS

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

# LAVINA® B36G-GTS **PLANETARY POLISHER**

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

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





#### LB21-E \* Also in 200-240V, 1 or 3 phase, 32 Amp

| Voltage (50-60 Hz)        | 3 phase, 380-40              |
|---------------------------|------------------------------|
| Amperage                  | 23 Amps                      |
| Power                     | 10 hp / 7.5 kW               |
| Tool Holder RPM           | 1500-2000 RPN                |
| Working Width             | 21in / 533mm                 |
| Tool Holder Diameter      | 1x21in / 1x533m              |
| Application               | wet or dry                   |
| Dust Collection System    | vacuum motor                 |
| Vacuum Bag                | T285 (LH 4)                  |
| Water Feeding (with pump) | Front spray                  |
| Water Tank Capacity       | 5.2gal / 20L                 |
| Cable Length              | 57 ft / 17.4 m               |
| Machine Weight            | 322lbs / 146kg               |
| Machine Size LxWxH        | 55x27x43 in<br>139x69x110 cm |
| Crate size LxWxH          | 56x29x46 in<br>141x73x118 cm |
|                           |                              |

# LAVINA<sup>®</sup> BURNISHER

# LAVINA<sup>®</sup> B21 BURNISHER

#### Ideal for jobsites where propane is not allowed.

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







# **PROPANE DUST EXTRACTORS**



| Engine                        | Kawasaki FX1000V                        |
|-------------------------------|---|
| Engine Capacity               | 999cc, 61 cu.in.                        |
| Propane Tank Capacity         | 33.5 lbs / 15.2 kg                      |
| Main Filter                   | Cartridge with<br>30 sock filters       |
| Filter Surface<br>Area        | 52 ft <sup>2</sup> / 4.8 m <sup>2</sup> |
| Filter Cleaning               | Automatic                               |
| HEPA Surface Area, 4 x H13    | 108 ft <sup>2</sup> /10 m <sup>2</sup>  |
| Max Airflow                   | 736 CFM /<br>1250 m³/h                  |
| Max Vacuum                    | 120 in /<br>0.3 bar                     |
| Longopac®                     | yes                                     |
| Main Vacuum<br>Hose (Camlock) | 3 in x 32 ft /<br>75 mm x 10 m          |
| Dimensions<br>(LxWxH)         | 91x35x68 in /<br>232x89x173 cm          |
| Weight                        | 1212 lbs / 550 kg                       |
|                               |   |

### NEW! V38G-X

#### THE MOST POWERFUL VACUUM ON THE MARKET

- Cartridge with 30 sock filters
- 4 Hepa H13 filters
- AUTOMATIC filter cleaning
- Integrated preseparator for improved filter life
- Tiltable filter chamber with gas springs to facilitate filter changes
- Dual intake port allows for connecting 2 large grinders via 3" hoses
- Adjustable cleaning interval, an option for forced cleaning, and an option for manual cleaning in emergencies
- EPA & CARB Blue Sky Engine featuring the new Lavina Fuel Minder
- Larger and stronger turning rubber wheels with brakes in front and foam-filled wheels in the back
- Equipped with 2 anti-static hoses with metal camlock and a floor tool kit.











| Engine                        | Kawasaki FX600V                     |
|-------------------------------|-------------------------------------|
| Engine Capacity               | 603cc, 36.8 cu.in.                  |
| Propane Tank Capacity         | 20 lbs / 9 kg                       |
| Main Filter                   | Cartridge with<br>15 sock filters   |
| Filter Surface<br>Area        | 26 ft² / 2.4 m²                     |
| Filter Cleaning               | Automatic                           |
| HEPA Surface Area (2 x H13)   | 53ft <sup>2</sup> / 5m <sup>2</sup> |
| Max Airflow                   | 410 CFM /<br>700 m <sup>3</sup> /h  |
| Max Vacuum                    | 120 in /<br>0.3 bar                 |
| Longopac®                     | yes                                 |
| Main Vacuum<br>Hose (Camlock) | 3 in x 32 ft /<br>75 mm x 10 m      |
| Dimensions<br>(LxWxH)         | 59x30x64 in /<br>149x74x164         |
| Weight                        | 850 lbs / 384 kg                    |

# LAVINA® DUST EXTRACTORS



- Cartridge with 15 sock filters
- 2 Hepa H13 filters
- AUTOMATIC filter cleaning
- Integrated preseparator for improved filter life
- Adjustable cleaning interval, an option for forced cleaning, and an option for manual cleaning in emergencies
- EPA & CARB Blue Sky Engine featuring the new Lavina Fuel Minder
- Equipped with 2 anti-static hoses with metal camlock and a floor tool kit.
- Non-marking rubber tires with brakes



COUNTERTOPS

MAINTENANCE

SSURIES FIERMS

# **PROPANE DUST EXTRACTORS**



| Engine                        | Kawasaki FS481V                           |
|-------------------------------|---|
| Engine Capacity               | 603cc, 36.8 cu.in.                        |
| Propane Tank Capacity         | 20 lbs / 9 kg                             |
| Main Filter                   | Conical Filter                            |
| Filter Surface<br>Area        | 48.4 ft <sup>2</sup> / 4.5 m <sup>2</sup> |
| Filter Cleaning               | Automatic                                 |
| HEPA Surface Area (1 x H13)   | 37.7ft <sup>2</sup> / 3.5m <sup>2</sup>   |
| Max Airflow                   | 294 CFM /<br>500 m³/h                     |
| Max Vacuum                    | 120 in /<br>0.3 bar                       |
| Longopac®                     | yes                                       |
| Main Vacuum<br>Hose (Camlock) | 2.5 in x 25 ft /<br>65 mm x 10 m          |
| Dimensions<br>(LxWxH)         | 55 x 26 x 64 in /<br>140 x 66 x 164       |
| Weight                        | 628 lbs / 285 kg                          |

NEW! V25G-X

- Conical main filter
- Hepa H13 filter
- AUTOMATIC filter cleaning
- Integrated preseparator for improved filter life
- Adjustable cleaning interval, an option for forced cleaning, and an option for manual cleaning in emergencies
- EPA & CARB Blue Sky Engine featuring the new Lavina Fuel Minder
- Non-marking rubber tires with brakes
- Equipped with 2 anti-static hoses with metal camlock and a floor tool kit.



# **PROPANE DUST EXTRACTORS**



| Engine                        | Kawasaki FS481V                           |
|-------------------------------|---|
| Engine Capacity               | 603cc, 36.8 cu.in.                        |
| Propane Tank Capacity         | 20 lbs / 9 kg                             |
| Main Filter                   | Conical Filter                            |
| Filter Surface<br>Area        | 32 ft <sup>2</sup> / 3 m <sup>2</sup>     |
| Filter Cleaning               | Manual                                    |
| HEPA Surface Area (1 x H13)   | 23.7 ft <sup>2</sup> / 2.2 m <sup>2</sup> |
| Max Airflow                   | 212 CFM /<br>360 m <sup>3</sup> /h        |
| Max Vacuum                    | 112.5 in /<br>0.28 bar                    |
| Longopac®                     | yes                                       |
| Main Vacuum<br>Hose (Camlock) | 2 in x 24 ft /<br>50 mm x 7.5 m           |
| Dimensions<br>(LxWxH)         | 51x26x56 in /<br>129x67x141               |
| Weight                        | 441 lbs / 200 kg                          |

# LAVINA® DUST EXTRACTORS



- Conical main filter
- Hepa H13 filter
- Manual filter cleaning
- A new large handle in front
- Non-marking rubber tires with brakes
- Equipped with an anti-static hose with metal camlock and a floor tool kit.







COUNTERTOPS



CCESSORIES | TERMS

# LAVINA<sup>®</sup> DUST EXTRACTORS

# **ELECTRIC DUST EXTRACTORS**



| Model                         | V32-X-230                           | V32-X-480                              |
|-------------------------------|-------------------------------------|--|
| Motor                         | Turbine motor                       | Turbine motor                          |
| Voltage*                      | 3 phase 208V, 60 Hz                 | 3 phase 480V, 60 Hz                    |
| Amperage                      | 26.7 Amp                            | 13.7 Amp                               |
| Motor Power                   | 10HP / 7.5kW                        | 11.6HP / 8.6kW                         |
| Main Filter                   | Cartridge with<br>15 sock filters   | Cartridge with<br>15 sock filters      |
| Filter Surface<br>Area        | 26 ft²/ 2.4m²                       | 26 ft <sup>2</sup> / 2.4m <sup>2</sup> |
| Filter Cleaning               | Automatic                           | Automatic                              |
| HEPA Filter<br>Surface Area   | 53ft <sup>2</sup> / 5m <sup>2</sup> | 53ft <sup>2</sup> / 5m <sup>2</sup>    |
| Max Airflow                   | 380 CFM /<br>650 m³/h               | 380 CFM /<br>650 m <sup>3</sup> /h     |
| Max Vacuum                    | 120 in /<br>0.3 bar                 | 120 in /<br>0.3 bar                    |
| Longopac®                     | yes                                 | yes                                    |
| Main Vacuum<br>Hose (Camlock) | 3 in x 32 ft /<br>75 mm x 10 m      | 3 in x 32 ft /<br>75 mm x 10 m         |
| Dimensions<br>(LxWxH)         | 59x30x64in /<br>149x74x164          | 59x29x65in /<br>149x74x164             |
| Weight                        | 662 lbs / 300 kg                    | 662 lbs / 300 kg                       |

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

#### V32-X

- Cartridge with 15 sock filters •
- 2 Hepa H13 filters
- AUTOMATIC filter cleaning .
- Integrated preseparator for improved filter life
- Adjustable cleaning interval, an option for forced cleaning, and an option for manual cleaning in emergencies
- Distribution plug for connecting a grinder to the • vacuum
- Non-marking rubber tires with brakes •
- Equipped with 2 anti-static hoses with metal camlock, and a floor tool kit.







| Model                         | V25-X-115                              | V25-X-230                              |
|-------------------------------|--|--|
| Motor                         | 3 Bypass motors                        | 3 Bypass motors                        |
| Voltage                       | 1 phase 115V,<br>60Hz                  | 1 phase 230V<br>60 Hz (EU - 50Hz)      |
| Amperage                      | 19.5 Amp                               | 19.5 Amp                               |
| Motor Power                   | 3.4HP / 2.5kW                          | 4.9HP / 3.6kW                          |
| Main Filter                   | Conical Filter                         | Conical Filter                         |
| Filter Surface<br>Area        | 48.4ft <sup>2</sup> /4.5m <sup>2</sup> | 48.4ft <sup>2</sup> /4.5m <sup>2</sup> |
| Filter Cleaning               | Automatic                              | Automatic                              |
| HEPA Filter<br>Surface Area   | 37.7ft <sup>2</sup> /3.5m <sup>2</sup> | 37.7ft <sup>2</sup> /3.5m <sup>2</sup> |
| Max Airflow                   | 286 CFM /<br>486 m <sup>3</sup> /h     | 380 CFM /<br>650 m³/h                  |
| Max Vacuum                    | 81 water lift /<br>0.2 bar             | 100.4 water lift /<br>0.25 bar         |
| Longopac®                     | yes                                    | yes                                    |
| Main Vacuum<br>Hose (Camlock) | 2.5 in x 32ft /<br>63 mm x 10m         | 2.5 in x 32ft / 63m<br>x 10m           |
| Dimensions<br>(LxWxH)         | 37x24x64in /<br>94x60x162cm            | 37x24x64in /<br>94x60x162cm            |
| Weight                        | 247 lbs / 112 kg                       | 247 lbs / 112 kg                       |

# LAVINA<sup>®</sup> DUST EXTRACTORS

DUST EXTRACTORS

# **ELECTRIC DUST EXTRACTORS**



- Conical main filter
- Hepa H13 filter •
- AUTOMATIC filter cleaning •
- Integrated preseparator for improved filter life •
- Adjustable cleaning interval, an option for • forced cleaning, and an option for manual cleaning in emergencies
- Non-marking rubber tires with brakes •
- Equipped with 2 anti-static hoses with metal camlock, and a floor tool kit.



# LAVINA<sup>®</sup> DUST EXTRACTORS

# **ELECTRIC DUST EXTRACTORS**



#### V20-X

- A conical main filter
- Hepa H13 filter •
- Manual filter cleaning
- Non-marking rubber tires with brakes •
- Equipped with an anti-static hose with metal camlock, and a floor tool kit.

# NEW! LAVINA AIR SCRUBBER



| Model                   | LA2000-115  |
|-------------------------|---|
| Voltage*                | 1 phase 115V, 60Hz                                |
| Amperage                | 3.6 / 4.8 Amp, Max. 12 Amp                        |
| IP (ingress protection) | 22  |
| Power                   | 0.8 HP / 600 W (full speed)                       |
| Speed                   | 1350 / 1680 rpm                                   |
| Pre Filter Area         | 6.89 ft <sup>2</sup> / 0.64 m <sup>2</sup>        |
| Hepa Classification     | H13   |
| HEPA Filter Area        | 113 ft² / 10.5 m²                                 |
| Max Airflow             | 1177 ft <sup>3</sup> /h<br>2000 m <sup>3</sup> /h |
| Sound Level             | 60-67 db(A)                                       |
| Dimensions<br>(LxWxH)   | 27x17x31 in<br>69x43x79 cm                        |
| Weight                  | 117 lbs / 53 kg                                   |

\* Also offered in 230V

| Model                         | V20-X-115                              | V20-X-230                              |
|-------------------------------|--|--|
| Motor                         | 2 Bypass motors                        | 2 Bypass Motors                        |
| Voltage                       | 1 phase 115V,<br>60Hz                  | 1 phase 230V,<br>60 Hz (EU - 50Hz)     |
| Amperage                      | 15.4 Amp                               | 13 Amp                                 |
| Motor Power                   | 2.6HP / 1.93KW                         | 3.3HP / 2.4KW                          |
| Main Filter                   | Conical Filter                         | Conical Filter                         |
| Filter Surface<br>Area        | 32 ft <sup>2</sup> / 3m <sup>2</sup>   | 32 ft <sup>2</sup> / 3m <sup>2</sup>   |
| Filter Cleaning               | Manual                                 | Manual                                 |
| HEPA Filter<br>Surface Area   | 23.7ft <sup>2</sup> /2.2m <sup>2</sup> | 23.7ft <sup>2</sup> /2.2m <sup>2</sup> |
| Max Airflow                   | 194 CFM /<br>330 m <sup>3</sup> /h     | 257 CFM /<br>437 m <sup>3</sup> /h     |
| Max Vacuum                    | 86.7 water lift /<br>0.22 bar          | 100.4 water lift /<br>0.25 bar         |
| Longopac®                     | yes                                    | yes                                    |
| Main Vacuum<br>Hose (Camlock) | 2 in x 24 ft /<br>50mm x 7.5m          | 2 in x 24 ft /<br>50mm x 7.5m          |
| Dimensions<br>(LxWxH)         | 33x20x53in/<br>84x50x140cm             | 33x20x53in/<br>84x50x140cm             |
| Weight                        | 170 lbs / 77 kg                        | 170 lbs / 77 kg                        |













# LAVINA<sup>®</sup> DUST EXTRACTORS

#### ADDITIONAL DUST PROTECTION FOR CLEANER AIR AND **SAFER WORK ENVIRONMENT**



- Hepa filtration •
- Two speed motor
- Orange light indicates clogged filter; Red light prompts to change the Hepa filter
- 10-inch air exhaust
- Non-marking rubber tires with brakes





DUST EXTRACTORS



# COATING, GLUE, EPOXY REMOVAL

#### **BUSH HAMMER TOOLS**

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



Recommended RPM - between 500 and 700 rpms.

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

| Item Number | Description   |
|-------------|---|
| Х-ВН-З      | QC Bush Hammer tools, set of 3 pcs + 1 Lavina security ring |
|             |   |
|             |   |
| a file      |   |
| 1. 10 M     |   |
|             |   |

#### CARBIDE SCRAPERS

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

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



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

#### PCD TOOLS

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

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

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

| Item Number | Description                 |
|-------------|-----------------------------|
| X-PCD-SB    | QC Trapezoid pad with 2 PCD |
| X-PCD-SB-L  | QC Trapezoid pad with 2 PCD |
| X1B-PCD2    | QC Trapezoid pad with 2 PCD |
| X1B-PCD2-L  | QC Trapezoid pad with 2 PCD |
| X-PCD       | QC Trapezoid pad with 2 PCD |
| X-PCD-L     | QC Trapezoid pad with 2 PCD |

#### **BRAZED PADS FOR LIPPAGE REMOVAL**

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

| Item Number | Description                                     | Size         | <u>Grit</u> | 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 |

# **COATING, GLUE, EPOXY REMOVAL**



more aggressive

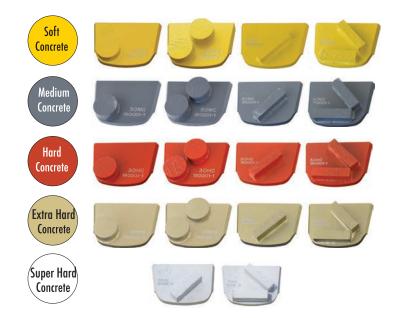
- D segments and sacrificial bars
- D segment and sac bars, Left rotation (blue)
- D segments and a metal button
- D segments and a metal button, Left rotation (blue)
- D segments, standard
- D segments, Left rotation for L30G (blue)



#### QUICK CHANGE METAL BOND TOOLS

Our Quick Change system features replaceable trapezoid-style pads that easily slide in and out of the machine plates or heads, with no bolting required. QC tools are offered in separate bonds for hard, super hard, medium, or soft concrete. The QC tool design shown below fits all LAVINA® X and S machines.

#### For tool holder plates for LAVINA® and other grinding machines - see Accessories section.



#### TOOLING TIPS

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

## Soft Concrete

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

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

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

#### One Rectangular Segment QC for SOFT Concrete Grinding (Yellow)

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

#### Two Rectangular Segment QC for SOFT Concrete Grinding (Yellow)

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

#### LAVINA TOOL BOX

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

- Each box has 13 dividers, made of durable and lightweight aluminum for attaching your metal and resin tools;
- Dimensions: 15 x 15 x 12.5 inch; Weight: 16.5 lbs (box only); .
- Item Number: LV-BOX



# **CONCRETE GRINDING**



#### One Button QC for SOFT Concrete Grinding (Yellow)

#### Two Button QC for SOFT Concrete Grinding (Yellow)



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



#### Gray Series, Single Button QC for MEDIUM Concrete

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

#### Gray Series, Two Button QC for MEDIUM Concrete

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

#### Gray Series, One Rectangular Segment QC for MEDIUM Concrete

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

#### Gray Series, Two Rectangular Segment QC for MEDIUM Concrete

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



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

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

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

#### Red Series, One Rectangular Segment QC for HARD Concrete

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

#### Red Series, Two Rectangular Segment QC for HARD Concrete

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

# **CONCRETE GRINDING**



#### Red Series, One Button QC for HARD Concrete

#### Red Series, Two Button QC for HARD Concrete

GRINDING



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



#### Gold Series, One Button

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

#### Gold Series, Two Button

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

#### Gold Series, One Rectangular Segment

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

#### Gold Series, Two Rectangular Segment

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



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

#### White Series, One Rectangular Segment

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

#### White Series, Two Rectangular Segment

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

#### MOHS' HARDNESS PICK SET

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



| Mohs' | \$ |
|-------|----|
| 2-3   |    |
| 3-5   |    |
| 5-7   |    |
| 7-9   |    |
|       |    |

# **CONCRETE GRINDING**





| Recommended metal bond tools                |
|---|
| Yellow bond for Soft Concrete               |
| Grey bond for Medium Concrete               |
| Red bond for Hard Concrete                  |
| Gold and White bonds for Very Hard Concrete |

GRINDING

#### SA SUPERTHICK DISCS IN METAL BOND

Ideal for grinding concrete, natural stone, self-leveling and terrazzo floors! The SA metal discs provide a great first cut with a smooth and refined scratch pattern. Offered with velcro backing in 3-inch and 4-inch sizes - these should be used WET only. Also offered in a Quick Change style which can be used wet or dry.

#### QUICK CHANGE ATTACHMENT





VELCRO ATTACHMENT

| Item Number  | Description   | <u>Size</u> | <u>Grit</u> | Bond  | Thickness        |
|--------------|---|-------------|-------------|-------|------------------|
| XQC-SA-046MB | SA Superthick disc, grit 46, Quick Change attachment  | 3in / 80mm  | 46          | metal | 4 mm             |
| XQC-SA-070MB | SA Superthick disc, grit 70, Quick Change attachment  | 3in / 80mm  | 70          | metal | 4 mm             |
| XQC-SA-120MB | SA Superthick disc, grit 120, Quick Change attachment | 3in / 80mm  | 120         | metal | 4 mm             |
| XQC-SA-220MB | SA Superthick disc, grit 220, Quick Change attachment | 3in / 80mm  | 220         | metal | 4 mm             |
|              |   |             |             |       |                  |
| Item Number  | Description   | <u>Size</u> | <u>Grit</u> | Bond  | <b>Thickness</b> |
| SA-0046MB    | SA Superthick disc, 46 Grit, WET, Velcro attachment   | 3in / 80mm  | 46          | metal | 4 mm             |
| SA-0070MB    | SA Superthick disc, 70 Grit, WET, Velcro attachment   | 3in / 80mm  | 70          | metal | 4 mm             |
| SA-0120MB    | SA Superthick disc, 120 Grit, WET, Velcro attachment  | 3in / 80mm  | 120         | metal | 4 mm             |
| SA-0220MB    | SA Superthick disc, 220 Grit, WET, Velcro attachment  | 3in / 80mm  | 220         | metal | 4 mm             |
| SA-0400MB    | SA Superthick disc, 400 Grit, WET, Velcro attachment  | 3in / 80mm  | 400         | metal | 4 mm             |
|              |   |             |             |       |                  |

#### CALIBRA CERAMIC DISCS



VELCRO ATTACHMENT

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

| Item Number           | Description   | Size                         | <u>Grit</u>       | <b>Thickness</b>          |
|-----------------------|---|------------------------------|-------------------|---------------------------|
| CA3-30                | Calira ceramic disc, Velcro attachment                | 3in / 76mm                   | 30                | 10 mm                     |
| CA3-50                | Calira ceramic disc, Velcro attachment                | 3in / 76mm                   | 50                | 10 mm                     |
| CA3-100               | Calira ceramic disc, Velcro attachment                | 3in / 76mm                   | 100               | 10 mm                     |
| CA3-200               | Calira ceramic disc, Velcro attachment                | 3in / 76mm                   | 200               | 10 mm                     |
|                       |   |                              |                   |                           |
|                       |   |                              |                   |                           |
| Item Number           | Description   | Size                         | <u>Grit</u>       | Thickness                 |
| Item Number<br>CA4-40 | Description<br>Calira ceramic disc, Velcro attachment | <u>Size</u><br>4in / 101.6mm | <u>Grit</u><br>40 | <u>Thickness</u><br>10 mm |
|                       |   |                              |                   |                           |
| CA4-40                | Calira ceramic disc, Velcro attachment                | 4in / 101.6mm                | 40                | 10 mm                     |

#### **HD COPPER DISCS**

The HD Coppers can be used for the first grinding steps on big box retail projects, and provide a fast cut and long tool life. They are now offered in 2 styles - with velcro attachment for wet applications, and with a Quick Change attachment, which can be used wet or dry.

#### QUICK CHANGE ATTACHMENT





| Item Number    | Description                                       | <u>Size</u> | <u>Grit</u> | Bond   | Thickness |
|----------------|---|-------------|-------------|--------|-----------|
| XQCHDCO50      | HD COPPER disc, grit 50, Quick Change attachment  | 3in / 80mm  | 50          | copper | 8 mm      |
| XQCHDCO100     | HD COPPER disc, grit 100, Quick Change attachment | 3in / 80mm  | 100         | copper | 8 mm      |
| XQCHDCO200     | HD COPPER disc, grit 200, Quick Change attachment | 3in / 80mm  | 200         | copper | 8 mm      |
| XQCHDCO400     | HD COPPER disc, grit 400, Quick Change attachment | 3in / 80mm  | 400         | copper | 8 mm      |
|                |   |             |             |        |           |
| Item Number    | Description                                       | <u>Size</u> | <u>Grit</u> | Bond   | Thickness |
| HD-3-CO-0050-R | HD COPPER Disc, WET, Velcro Attachment            | 3in / 80mm  | 50          | copper | 8 mm      |
| HD-3-CO-0100-R | HD COPPER Disc, WET, Velcro Attachment            | 3in / 80mm  | 100         | copper | 8 mm      |
| HD-3-CO-0200-R | HD COPPER Disc, WET, Velcro Attachment            | 3in / 80mm  | 200         | copper | 8 mm      |
| HD-3-CO-0400-R | HD COPPER Disc, WET, Velcro Attachment            | 3in / 80mm  | 400         | copper | 8 mm      |

#### QUICK CHANGE CORSA HYBRID DISCS

A new hybrid tool that is ideal for scratch removal and transition from metals to resins - similar to Calibra discs but the ceramic bond has been modified so that they can be used on all types of concrete. Best for dry applications.

#### QUICK CHANGE ATTACHMENT





| <u>ss</u> |
|-----------|
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| ss        |
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|           |

# **CONCRETE GRINDING**



#### VELCRO ATTACHMENT



#### VELCRO ATTACHMENT

#### **3-STEP CONCRETE POLISHING SYSTEM, DRY**

Three 3-inch pads, featuring a new proprietary resin bond formula, and suitable for any type of concrete. For best results, use them DRY. The floor should be cut to 120 grit with a metal or hybrid diamond tool, and densified, if necessary, before starting with Step 1.

QUICK CHANGE ATTACHMENT







VELCRO ATTACHMENT

| Item Number         | Description   | Size                      | <b>Thickness</b>         |
|---------------------|---|---------------------------|--------------------------|
| XQC3S1              | 3-Step Floor Polishing System, Quick Change Attachment, Step 1          | 3in / 77mm                | 9 mm                     |
| XQC3S2              | 3-Step Floor Polishing System, Quick Change Attachment, Step 2          | 3in / 77mm                | 9 mm                     |
| XQC3S3              | 3-Step Floor Polishing System, Quick Change Attachment, Step 3          | 3in / 77mm                | 9 mm                     |
|                     |   |                           |                          |
| Item Number         | Description   | Size                      | <b>Thickness</b>         |
| Item Number<br>3S-1 | Description<br>3-Step Floor Polishing System, Velcro Attachment, Step 1 | <u>Size</u><br>3in / 77mm | <u>Thickness</u><br>9 mm |
|                     |   |                           |                          |

#### TRAPEZOID POLISHING PADS

#### QUICK CHANGE ATTACHMENT



A new trapezoid shape tool with extra thick layer of resin and diamonds for efficient honing and polishing.



| Item Number | Description   | <u>Size</u> | Thickness |
|-------------|---|-------------|-----------|
| XQCPOL0030  | Trapezoid Polishing Pad, Quick Change Attachment, 30 Grit   | standard    | 15 mm     |
| XQCPOL0050  | Trapezoid Polishing Pad, Quick Change Attachment, 50 Grit   | standard    | 15 mm     |
| XQCPOL0100  | Trapezoid Polishing Pad, Quick Change Attachment, 100 Grit  | standard    | 15 mm     |
| XQCPOL0200  | Trapezoid Polishing Pad, Quick Change Attachment, 200 Grit  | standard    | 15 mm     |
| XQCPOL0400  | Trapezoid Polishing Pad, Quick Change Attachment, 400 Grit  | standard    | 15 mm     |
| XQCPOL0800  | Trapezoid Polishing Pad, Quick Change Attachment, 800 Grit  | standard    | 15 mm     |
| XQCPOL1500  | Trapezoid Polishing Pad, Quick Change Attachment, 1500 Grit | standard    | 15 mm     |
| XQCPOL3000  | Trapezoid Polishing Pad, Quick Change Attachment, 3000 Grit | standard    | 15 mm     |

#### HD RESIN PADS

Designed for heavier grinders (30-inch and up). Make sure you add weights if you are using them on lighter machines, such as LAVINA 20 and 25. Can be used dry or wet. Available with velcro and Quick Change attachment. The velcro style is also offered in 4-inch size.

#### QUICK CHANGE ATTACHMENT



| Item Number | Description   | Size          | Thickness |
|-------------|---|---------------|-----------|
| XQCHD030    | Heavy Duty Resin Disc, Quick Change Attachment, 30 Grit   | 3in / 77mm    | 8 mm      |
| XQCHD050    | Heavy Duty Resin Disc, Quick Change Attachment, 50 Grit   | 3in / 77mm    | 8 mm      |
| XQCHD0100   | Heavy Duty Resin Disc, Quick Change Attachment, 100 Grit  | 3in / 77mm    | 8 mm      |
| XQCHD0200   | Heavy Duty Resin Disc, Quick Change Attachment, 200 Grit  | 3in / 77mm    | 8 mm      |
| XQCHD0400   | Heavy Duty Resin Disc, Quick Change Attachment, 400 Grit  | 3in / 77mm    | 8 mm      |
| XQCHD0800   | Heavy Duty Resin Disc, Quick Change Attachment, 800 Grit  | 3in / 77mm    | 8 mm      |
| XQCHD1500   | Heavy Duty Resin Disc, Quick Change Attachment, 1500 Grit | 3in / 77mm    | 8 mm      |
| XQCHD3000   | Heavy Duty Resin Disc, Quick Change Attachment, 3000 Grit | 3in / 77mm    | 8 mm      |
| Item Number | Description   | Size          | Thickness |
| HD-3-0030   | Heavy Duty Resin Disc, Velcro Attachment, 30 Grit         | 3in / 77mm    | 8 mm      |
| HD-3-0050   | Heavy Duty Resin Disc, Velcro Attachment, 50 Grit         | 3in / 77mm    | 8 mm      |
| HD-3-0100   | Heavy Duty Resin Disc, Velcro Attachment, 100 Grit        | 3in / 77mm    | 8 mm      |
| HD-3-0200   | Heavy Duty Resin Disc, Velcro Attachment, 200 Grit        | 3in / 77mm    | 8 mm      |
| HD-3-0400   | Heavy Duty Resin Disc, Velcro Attachment, 400 Grit        | 3in / 77mm    | 8 mm      |
| HD-3-0800   | Heavy Duty Resin Disc, Velcro Attachment, 800 Grit        | 3in / 77mm    | 8 mm      |
| HD-3-1500   | Heavy Duty Resin Disc, Velcro Attachment, 1500 Grit       | 3in / 77mm    | 8 mm      |
| HD-3-3000   | Heavy Duty Resin Disc, Velcro Attachment, 3000 Grit       | 3in / 77mm    | 8 mm      |
| Item Number | Description   | Size          | Thickness |
| HD-4-0040   | Heavy Duty Resin Disc, Velcro Attachment, 40 Grit         | 4in / 101.6mm | 8 mm      |
| HD-4-0050   | Heavy Duty Resin Disc, Velcro Attachment, 50 Grit         | 4in / 101.6mm | 8 mm      |
| HD-4-0100   | Heavy Duty Resin Disc, Velcro Attachment, 100 Grit        | 4in / 101.6mm | 8 mm      |
| HD-4-0200   | Heavy Duty Resin Disc, Velcro Attachment, 200 Grit        | 4in / 101.6mm | 8 mm      |
| HD-4-0400   | Heavy Duty Resin Disc, Velcro Attachment, 400 Grit        | 4in / 101.6mm | 8 mm      |
| HD-4-0800   | Heavy Duty Resin Disc, Velcro Attachment, 800 Grit        | 4in / 101.6mm | 8 mm      |
| HD-4-1500   | Heavy Duty Resin Disc, Velcro Attachment, 1500 Grit       | 4in / 101.6mm | 8 mm      |
| HD-4-4000   | Heavy Duty Resin Disc, Velcro Attachment, 4000 Grit       | 4in / 101.6mm | 8 mm      |
|             |   |               |           |

# **CONCRETE POLISHING**





#### NATO<sup>®</sup> POLISHING DISCS

Our Nato resins have truly set the standard for all other polishing pads to follow. Wide channels and a unique patented design allow for work on a cleaner surface, ensuring a quality polish. NATO discs feature a thick 12mm layer of resin and diamonds for extra long life. We recommend a minimum of three discs per head for optimum performance. Offered in separate dry and wet resin bond with Quick Change attachment or velcro attachment. The velcro style is also available in a thinner "economy" style (6mm).



#### QUICK CHANGE NATO POLISHING DISCS, DRY

| Item Number | Description  | Size         | <u>Thickness</u> |
|-------------|--|--------------|------------------|
| XQCNS0030D  | NATO Polishing Disc, Quick Change Attachment, 30 Grit, DRY   | 3in / 81.5mm | 12 mm            |
| XQCNS0050D  | NATO Polishing Disc, Quick Change Attachment, 50 Grit, DRY   | 3in / 81.5mm | 12 mm            |
| XQCNS0100D  | NATO Polishing Disc, Quick Change Attachment, 100 Grit, DRY  | 3in / 81.5mm | 12 mm            |
| XQCNS0200D  | NATO Polishing Disc, Quick Change Attachment, 200 Grit, DRY  | 3in / 81.5mm | 12 mm            |
| XQCNS0400D  | NATO Polishing Disc, Quick Change Attachment, 400 Grit, DRY  | 3in / 81.5mm | 12 mm            |
| XQCNS0800D  | NATO Polishing Disc, Quick Change Attachment, 800 Grit, DRY  | 3in / 81.5mm | 12 mm            |
| XQCNS1500D  | NATO Polishing Disc, Quick Change Attachment, 1500 Grit, DRY | 3in / 81.5mm | 12 mm            |
| XQCNS3000D  | NATO Polishing Disc, Quick Change Attachment, 3000 Grit, DRY | 3in / 81.5mm | 12 mm            |

#### QUICK CHANGE NATO POLISHING DISCS, WET

| Item Number | Description   | Size         | <u>Thickness</u> |
|-------------|---|--------------|------------------|
| XQCNS0030   | NATO Polishing Disc, Quick Change Attachment, 30 Griit, WET   | 3in / 81.5mm | 12 mm            |
| XQCNS0050   | NATO Polishing Disc, Quick Change Attachment, 50 Griit, WET   | 3in / 81.5mm | 12 mm            |
| XQCNS0120   | NATO Polishing Disc, Quick Change Attachment, 120 Griit, WET  | 3in / 81.5mm | 12 mm            |
| XQCNS0220   | NATO Polishing Disc, Quick Change Attachment, 220 Griit, WET  | 3in / 81.5mm | 12 mm            |
| XQCNS0400   | NATO Polishing Disc, Quick Change Attachment, 400 Griit, WET  | 3in / 81.5mm | 12 mm            |
| XQCNS0800   | NATO Polishing Disc, Quick Change Attachment, 800 Griit, WET  | 3in / 81.5mm | 12 mm            |
| XQCNS1800   | NATO Polishing Disc, Quick Change Attachment, 1800 Griit, WET | 3in / 81.5mm | 12 mm            |
| XQCNS3500   | NATO Polishing Disc, Quick Change Attachment, 3500 Griit, WET | 3in / 81.5mm | 12 mm            |

#### NATO POLISHING DISCS WITH VELCRO, DRY

| Item Number | Description   | Size         | <u>Thickness</u> |
|-------------|---|--------------|------------------|
| NS-0030D    | NATO Polishing Disc, Velcro Attachment, 30 Griit, DRY   | 3in / 81.5mm | 12 mm            |
| NS-0050D    | NATO Polishing Disc, Velcro Attachment, 50 Griit, DRY   | 3in / 81.5mm | 12 mm            |
| NS-0100D    | NATO Polishing Disc, Velcro Attachment, 100 Griit, DRY  | 3in / 81.5mm | 12 mm            |
| NS-0200D    | NATO Polishing Disc, Velcro Attachment, 200 Griit, DRY  | 3in / 81.5mm | 12 mm            |
| NS-0400D    | NATO Polishing Disc, Velcro Attachment, 400 Griit, DRY  | 3in / 81.5mm | 12 mm            |
| NS-0800D    | NATO Polishing Disc, Velcro Attachment, 800 Griit, DRY  | 3in / 81.5mm | 12 mm            |
| NS-1500D    | NATO Polishing Disc, Velcro Attachment, 1500 Griit, DRY | 3in / 81.5mm | 12 mm            |
| NS-3000D    | NATO Polishing Disc, Velcro Attachment, 3000 Griit, DRY | 3in / 81.5mm | 12 mm            |



#### NATO POLISHING DISCS WITH VELCRO, WET

| Item Number | Description   | <u>Size</u>  | Thickness |
|-------------|---|--------------|-----------|
| NS-0030     | NATO Polishing Disc, Velcro Attachment, 30 Griit, WET   | 3in / 81.5mm | 12 mm     |
| NS-0050     | NATO Polishing Disc, Velcro Attachment, 50 Griit, WET   | 3in / 81.5mm | 12 mm     |
| NS-0120     | NATO Polishing Disc, Velcro Attachment, 120 Griit, WET  | 3in / 81.5mm | 12 mm     |
| NS-0220     | NATO Polishing Disc, Velcro Attachment, 220 Griit, WET  | 3in / 81.5mm | 12 mm     |
| NS-0400     | NATO Polishing Disc, Velcro Attachment, 400 Griit, WET  | 3in / 81.5mm | 12 mm     |
| NS-0800     | NATO Polishing Disc, Velcro Attachment, 800 Griit, WET  | 3in / 81.5mm | 12 mm     |
| NS-1800     | NATO Polishing Disc, Velcro Attachment, 1800 Griit, WET | 3in / 81.5mm | 12 mm     |
| NS-3500     | NATO Polishing Disc, Velcro Attachment, 3500 Griit, WET | 3in / 81.5mm | 12 mm     |



# **CONCRETE POLISHING**

#### WAFFEL POLISHING PADS

WAFFEL polishing pads are offered in separate wet and dry resin bond with a Quick Change attachment or with a standard velcro attachment. The velcro style Waffels are available in different sizes: 7-inch, 9-inch, 10.63-inch and 14-inch.

#### QUICK CHANGE ATTACHMENT

VELCRO ATTACHMENT



#### QUICK CHANGE WAFFEL PADS, DRY

| Item Number | Description   | Size     | Thickness |
|-------------|---|----------|-----------|
| XQCWF0030D  | WAFFEL Pad, Quick Change Attachment, 30 Grit, DRY   | standard | 10 mm     |
| XQCWF0050D  | WAFFEL Pad, Quick Change Attachment, 50 Grit, DRY   | standard | 10 mm     |
| XQCWF0100D  | WAFFEL Pad, Quick Change Attachment, 100 Grit, DRY  | standard | 10 mm     |
| XQCWF0200D  | WAFFEL Pad, Quick Change Attachment, 200 Grit, DRY  | standard | 10 mm     |
| XQCWF0400D  | WAFFEL Pad, Quick Change Attachment, 400 Grit, DRY  | standard | 10 mm     |
| XQCWF0800D  | WAFFEL Pad, Quick Change Attachment, 800 Grit, DRY  | standard | 10 mm     |
| XQCWF1500D  | WAFFEL Pad, Quick Change Attachment, 1500 Grit, DRY | standard | 10 mm     |

#### QUICK CHANGE WAFFEL PADS, WET

| Item Number | Description   | Size     | Thickness |
|-------------|---|----------|-----------|
| XQCWF0050   | WAFFEL Pad, Quick Change Attachment, 50 Grit, WET   | standard | 10 mm     |
| XQCWF0120   | WAFFEL Pad, Quick Change Attachment, 120 Grit, WET  | standard | 10 mm     |
| XQCWF0220   | WAFFEL Pad, Quick Change Attachment, 220 Grit, WET  | standard | 10 mm     |
| XQCWF0400   | WAFFEL Pad, Quick Change Attachment, 400 Grit, WET  | standard | 10 mm     |
| XQCWF0800   | WAFFEL Pad, Quick Change Attachment, 800 Grit, WET  | standard | 10 mm     |
| XQCWF1800   | WAFFEL Pad, Quick Change Attachment, 1800 Grit, WET | standard | 10 mm     |

#### WAFFEL PADS WITH VELCRO, 9-INCH, DRY

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

#### WAFFEL PADS WITH VELCRO, 9-INCH, WET

| Item Number | Description   | Size        | <u>Thickness</u> |
|-------------|---|-------------|------------------|
| WAFF-9-0050 | WAFFEL Floor Polishing Pad, Velcro Attachment, 50 Grit, WET   | 9in / 232mm | 10 mm            |
| WAFF-9-0120 | WAFFEL Floor Polishing Pad, Velcro Attachment, 120 Grit, WET  | 9in / 232mm | 10 mm            |
| WAFF-9-0220 | WAFFEL Floor Polishing Pad, Velcro Attachment, 220 Grit, WET  | 9in / 232mm | 10 mm            |
| WAFF-9-0400 | WAFFEL Floor Polishing Pad, Velcro Attachment, 400 Grit, WET  | 9in / 232mm | 10 mm            |
| WAFF-9-0800 | WAFFEL Floor Polishing Pad, Velcro Attachment, 800 Grit, WET  | 9in / 232mm | 10 mm            |
| WAFF-9-1800 | WAFFEL Floor Polishing Pad, Velcro Attachment, 1800 Grit, WET | 9in / 232mm | 10 mm            |

#### WAFFEL PADS WITH VELCRO, 10.63-INCH, WET

| Item Number     | Description   | Size            | Thickness |
|-----------------|---|-----------------|-----------|
| WAFF-10.63-0050 | WAFFEL Floor Polishing Pad, Velcro Attachment, 50 Grit, WET   | 10.63in / 270mm | 10 mm     |
| WAFF-10.63-0120 | WAFFEL Floor Polishing Pad, Velcro Attachment, 120 Grit, WET  | 10.63in / 270mm | 10 mm     |
| WAFF-10.63-0220 | WAFFEL Floor Polishing Pad, Velcro Attachment, 220 Grit, WET  | 10.63in / 270mm | 10 mm     |
| WAFF-10.63-0400 | WAFFEL Floor Polishing Pad, Velcro Attachment, 400 Grit, WET  | 10.63in / 270mm | 10 mm     |
| WAFF-10.63-0800 | WAFFEL Floor Polishing Pad, Velcro Attachment, 800 Grit, WET  | 10.63in / 270mm | 10 mm     |
| WAFF-10.63-1800 | WAFFEL Floor Polishing Pad, Velcro Attachment, 1800 Grit, WET | 10.63in / 270mm | 10 mm     |
| WAFF-10.63-3500 | WAFFEL Floor Polishing Pad, Velcro Attachment, 3500 Grit, WET | 10.63in / 270mm | 10 mm     |

#### WAFFEL PADS WITH VELCRO, 14-INCH, WET

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

# **CONCRETE POLISHING**





#### V-HARR<sup>®</sup> PREMIUM POLISHING PADS

V-HARR is one of Superabrasive's most versatile and popular polishing pads, designed for mechanically restoring and polishing concrete. Dry use is strongly recommended for concrete applications. V-HARR is also ideal for terrazzo and hard stone floors, and will produce remarkable gloss results on black granite when used wet. Offered with velcro attachment in many popular sizes for use with any planetary polisher (5, 7, 9, 10.63, 13, 14 inch). Now also available with a Quick Change attachment.



#### QUICK CHANGE V-HARR PADS FOR 9-INCH HEADS

| Item Number | Description   | <u>Size</u> | Bond  |
|-------------|---|-------------|-------|
| XQCVF0120   | V-HARR® Polishing Pad, Dry, Quick Change, 120 Grit  | standard    | resin |
| XQCVF0220   | V-HARR® Polishing Pad, Dry, Quick Change, 220 Grit  | standard    | resin |
| XQCVF0400   | V-HARR® Polishing Pad, Dry, Quick Change, 400 Grit  | standard    | resin |
| XQCVF0800   | V-HARR® Polishing Pad, Dry, Quick Change, 800 Grit  | standard    | resin |
| XQCVF1800   | V-HARR® Polishing Pad, Dry, Quick Change, 1800 Grit | standard    | resin |
| XQCVF3500   | V-HARR® Polishing Pad, Dry, Quick Change, 3500 Grit | standard    | resin |
| XQCVFBUFF   | V-HARR® Polishing Pad, Dry, Quick Change, 8500 Grit | standard    | resin |

#### **QUICK CHANGE V-HARR PADS FOR 13-INCH HEADS**

| Item Number | Description   | <u>Size</u> | <u>Bond</u> |
|-------------|---|-------------|-------------|
| XQC13VF0220 | V-HARR® Polishing Pad, Dry, Quick Change, 220 Grit  | standard    | resin       |
| XQC13VF0400 | V-HARR® Polishing Pad, Dry, Quick Change, 400 Grit  | standard    | resin       |
| XQC13VF0800 | V-HARR® Polishing Pad, Dry, Quick Change, 800 Grit  | standard    | resin       |
| XQC13VF1800 | V-HARR® Polishing Pad, Dry, Quick Change, 1800 Grit | standard    | resin       |
| XQC13VF3500 | V-HARR® Polishing Pad, Dry, Quick Change, 3500 Grit | standard    | resin       |
| XQC13VFBUFF | V-HARR® Polishing Pad, Dry, Quick Change, 8500 Grit | standard    | resin       |

#### V-HARR PADS WITH VELCRO, 9-INCH

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



#### V-HARR PADS WITH VELCRO, 10.63-INCH

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

#### V-HARR PADS WITH VELCRO, 13-INCH

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



# **CONCRETE POLISHING**







# **STONE GRINDING AND POLISHING**

#### FLEXIBLE ELECTROPLATED PADS

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

| Item Number | Description                                  | <u>Size</u> | <u>Grit</u> | 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         |



#### SPIRAL POLISHING PADS

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

#### SPIRAL PADS

| Item NumberDescriptionSizeGritThickness10-3-0030Spiral Pad for Stone, Velcro Attachment, WET, 30 Grit3in / 76mm306 mm10-3-0050Spiral Pad for Stone, Velcro Attachment, WET, 50 Grit3in / 76mm506 mm10-3-0120Spiral Pad for Stone, Velcro Attachment, WET, 120 Grit3in / 76mm1206 mm10-3-0220Spiral Pad for Stone, Velcro Attachment, WET, 220 Grit3in / 76mm2206 mm10-3-0400Spiral Pad for Stone, Velcro Attachment, WET, 400 Grit3in / 76mm4006 mm10-3-0800Spiral Pad for Stone, Velcro Attachment, WET, 800 Grit3in / 76mm8006 mm10-3-1800Spiral Pad for Stone, Velcro Attachment, WET, 1800 Grit3in / 76mm18006 mm10-3-3500Spiral Pad for Stone, Velcro Attachment, WET, 3500 Grit3in / 76mm35006 mm10-3-8500Spiral Pad for Stone, Velcro Attachment, WET, 8500 Grit3in / 76mm85006 mm |             |   |             |             |                  |
|---|-------------|---|-------------|-------------|------------------|
| 10-3-0050Spiral Pad for Stone, Velcro Attachment, WET, 50 Grit3in / 76mm506 mm10-3-0120Spiral Pad for Stone, Velcro Attachment, WET, 120 Grit3in / 76mm1206 mm10-3-0220Spiral Pad for Stone, Velcro Attachment, WET, 220 Grit3in / 76mm2206 mm10-3-0400Spiral Pad for Stone, Velcro Attachment, WET, 400 Grit3in / 76mm4006 mm10-3-0800Spiral Pad for Stone, Velcro Attachment, WET, 800 Grit3in / 76mm8006 mm10-3-1800Spiral Pad for Stone, Velcro Attachment, WET, 1800 Grit3in / 76mm18006 mm10-3-3500Spiral Pad for Stone, Velcro Attachment, WET, 3500 Grit3in / 76mm35006 mm  | Item Number | Description   | <u>Size</u> | <u>Grit</u> | <b>Thickness</b> |
| 10-3-0120Spiral Pad for Stone, Velcro Attachment, WET, 120 Grit3in / 76mm1206 mm10-3-0220Spiral Pad for Stone, Velcro Attachment, WET, 220 Grit3in / 76mm2206 mm10-3-0400Spiral Pad for Stone, Velcro Attachment, WET, 400 Grit3in / 76mm4006 mm10-3-0800Spiral Pad for Stone, Velcro Attachment, WET, 800 Grit3in / 76mm8006 mm10-3-1800Spiral Pad for Stone, Velcro Attachment, WET, 1800 Grit3in / 76mm18006 mm10-3-3500Spiral Pad for Stone, Velcro Attachment, WET, 3500 Grit3in / 76mm35006 mm  | 10-3-0030   | Spiral Pad for Stone, Velcro Attachment, WET, 30 Grit   | 3in / 76mm  | 30          | 6 mm             |
| 10-3-0220Spiral Pad for Stone, Velcro Attachment, WET, 220 Grit3in / 76mm2206 mm10-3-0400Spiral Pad for Stone, Velcro Attachment, WET, 400 Grit3in / 76mm4006 mm10-3-0800Spiral Pad for Stone, Velcro Attachment, WET, 800 Grit3in / 76mm8006 mm10-3-1800Spiral Pad for Stone, Velcro Attachment, WET, 1800 Grit3in / 76mm18006 mm10-3-3500Spiral Pad for Stone, Velcro Attachment, WET, 3500 Grit3in / 76mm35006 mm  | 10-3-0050   | Spiral Pad for Stone, Velcro Attachment, WET, 50 Grit   | 3in / 76mm  | 50          | 6 mm             |
| 10-3-0400Spiral Pad for Stone, Velcro Attachment, WET, 400 Grit3in / 76mm4006 mm10-3-0800Spiral Pad for Stone, Velcro Attachment, WET, 800 Grit3in / 76mm8006 mm10-3-1800Spiral Pad for Stone, Velcro Attachment, WET, 1800 Grit3in / 76mm18006 mm10-3-3500Spiral Pad for Stone, Velcro Attachment, WET, 3500 Grit3in / 76mm35006 mm  | 10-3-0120   | Spiral Pad for Stone, Velcro Attachment, WET, 120 Grit  | 3in / 76mm  | 120         | 6 mm             |
| 10-3-0800Spiral Pad for Stone, Velcro Attachment, WET, 800 Grit3in / 76mm8006 mm10-3-1800Spiral Pad for Stone, Velcro Attachment, WET, 1800 Grit3in / 76mm18006 mm10-3-3500Spiral Pad for Stone, Velcro Attachment, WET, 3500 Grit3in / 76mm35006 mm  | 10-3-0220   | Spiral Pad for Stone, Velcro Attachment, WET, 220 Grit  | 3in / 76mm  | 220         | 6 mm             |
| 10-3-3500Spiral Pad for Stone, Velcro Attachment, WET, 1800 Grit3in / 76mm18006 mm10-3-3500Spiral Pad for Stone, Velcro Attachment, WET, 3500 Grit3in / 76mm35006 mm  | 10-3-0400   | Spiral Pad for Stone, Velcro Attachment, WET, 400 Grit  | 3in / 76mm  | 400         | 6 mm             |
| 10-3-3500Spiral Pad for Stone, Velcro Attachment, WET, 3500 Grit3in / 76mm35006 mm  | 10-3-0800   | Spiral Pad for Stone, Velcro Attachment, WET, 800 Grit  | 3in / 76mm  | 800         | 6 mm             |
|   | 10-3-1800   | Spiral Pad for Stone, Velcro Attachment, WET, 1800 Grit | 3in / 76mm  | 1800        | 6 mm             |
| 10-3-8500Spiral Pad for Stone, Velcro Attachment, WET, 8500 Grit3in / 76mm85006 mm  | 10-3-3500   | Spiral Pad for Stone, Velcro Attachment, WET, 3500 Grit | 3in / 76mm  | 3500        | 6 mm             |
|   | 10-3-8500   | Spiral Pad for Stone, Velcro Attachment, WET, 8500 Grit | 3in / 76mm  | 8500        | 6 mm             |

#### SPIRAL PADS WITH WIDE CHANNELS FOR GRANITE

| Item Number | Description  | <u>Size</u> | <u>Grit</u> | <b>Thickness</b> |
|-------------|--|-------------|-------------|------------------|
| 10-SA-0050  | Spiral Pad for Stone, Wide Channels, Velcro Attachment, WET, 50 Grit   | 3in / 76mm  | 50          | 6 mm             |
| 10-SA-0120  | Spiral Pad for Stone, Wide Channels, Velcro Attachment, WET, 120 Grit  | 3in / 76mm  | 120         | 6 mm             |
| 10-SA-0220  | Spiral Pad for Stone, Wide Channels, Velcro Attachment, WET, 220 Grit  | 3in / 76mm  | 220         | 6 mm             |
| 10-SA-0400  | Spiral Pad for Stone, Wide Channels, Velcro Attachment, WET, 400 Grit  | 3in / 76mm  | 400         | 6 mm             |
| 10-SA-0800  | Spiral Pad for Stone, Wide Channels, Velcro Attachment, WET, 800 Grit  | 3in / 76mm  | 800         | 6 mm             |
| 10-SA-1800  | Spiral Pad for Stone, Wide Channels, Velcro Attachment, WET, 1800 Grit | 3in / 76mm  | 1800        | 6 mm             |
| 10-SA-3500  | Spiral Pad for Stone, Wide Channels, Velcro Attachment, WET, 3500 Grit | 3in / 76mm  | 3500        | 6 mm             |
| 10-SA-8500  | Spiral Pad for Stone, Wide Channels, Velcro Attachment, WET, 8500 Grit | 3in / 76mm  | 8500        | 6 mm             |



# **STONE GRINDING AND POLISHING**

# **CORNERS AND EDGES**

# **MASTER**



#### **EDGE MASTER 5-STEP GRINDING SYSTEM**

5-inch and 7-inch turbo cups featuring our high performing ceramic bond, offered in 5 different grit sizes to refine and blend your edge work faster and more efficiently. Use the Extra Coarse step only when you need to remove deep scratches and gouges, or any hard topical materials on the edges. In most cases, you can start with the Coarse step. Suitable for wet and dry use, on all types of concrete. Offered with 5/8-11 or M14 threaded attachment, and can be used with most handheld grinders.

| Item Number            | Description  | <u>Size</u>                    | <u>Grit</u>                 |
|------------------------|--|--------------------------------|-----------------------------|
| EM-5-XC                | Edge Master Ceramic Turbo Cup, 5/8-11, Extra Coarse  | 5in / 125mm                    | extra coarse                |
| EM-5-C                 | Edge Master Ceramic Turbo Cup, 5/8-11, Coarse  | 5in / 125mm                    | coarse                      |
| EM-5-M                 | Edge Master Ceramic Turbo Cup, 5/8-11, Medium  | 5in / 125mm                    | medium                      |
| EM-5-F                 | Edge Master Ceramic Turbo Cup, 5/8-11, Fine  | 5in / 125mm                    | fine                        |
| EM-5-XF                | Edge Master Ceramic Turbo Cup, 5/8-11, Extra Fine  | 5in / 125mm                    | extra fine                  |
|                        |  |                                |                             |
| Item Number            | Description  | Size                           | <u>Grit</u>                 |
| Item Number<br>EM-7-XC | Description<br>Edge Master Ceramic Turbo Cup, 5/8-11, Extra Coarse                                   | <u>Size</u><br>7in / 178mm     | <u>Grit</u><br>extra coarse |
|                        |  |                                |                             |
| EM-7-XC                | Edge Master Ceramic Turbo Cup, 5/8-11, Extra Coarse  | <br>7in / 178mm                | extra coarse                |
| EM-7-XC<br>EM-7-C      | Edge Master Ceramic Turbo Cup, 5/8-11, Extra Coarse<br>Edge Master Ceramic Turbo Cup, 5/8-11, Coarse | <br>7in / 178mm<br>7in / 178mm | extra coarse<br>coarse      |

#### METAL AND COPPER RINGS FOR STONE

These rings are an aggressive solution for removing stock and deep scratches in stone surfaces, including granite, marble, travertine, and others. We do not recommend them for work on concrete or engineered stone. For WET use only! Offered in 3 and 4 Inch.

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



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

| Item Number               | Description  | <u>Size</u>                | <u>Grit</u>       | <u>Thickness</u>  |
|---------------------------|--|----------------------------|-------------------|-------------------|
| 3N-4-CO030                | 3N Copper Pad for Polishing, 4 Inch, 30 Grit   | 4in / 101.6mm              | 30                | 3 mm              |
| 3N-4-CO050                | 3N Copper Pad for Polishing, 4 Inch, 50 Grit   | 4in / 101.6mm              | 50                | 3 mm              |
| 3N-4-CO070                | 3N Copper Pad for Polishing, 4 Inch, 70 Grit   | 4in / 101.6mm              | 70                | 3 mm              |
| 3N-4-CO120                | 3N Copper Pad for Polishing, 4 Inch, 120 Grit  | 4in / 101.6mm              | 120               | 3 mm              |
| 3N-4-CO220                | 3N Copper Pad for Polishing, 4 Inch, 220 Grit  | 4in / 101.6mm              | 220               | 3 mm              |
|                           |  |                            |                   |                   |
| Item Number               | Description  | Size                       | <u>Grit</u>       | Thickness         |
| Item Number<br>3N-5-CO030 | Description<br>3N Copper Pad for Polishing, 5 Inch, 30 Grit                                  | <u>Size</u><br>5in / 125mm | <u>Grit</u><br>30 | Thickness<br>3 mm |
|                           |  |                            |                   |                   |
| 3N-5-CO030                | 3N Copper Pad for Polishing, 5 Inch, 30 Grit   | <br>5in / 125mm            | 30                | 3 mm              |
| 3N-5-CO030<br>3N-5-CO050  | 3N Copper Pad for Polishing, 5 Inch, 30 Grit<br>3N Copper Pad for Polishing, 5 Inch, 50 Grit | 5in / 125mm<br>5in / 125mm | 30<br>50          | 3 mm<br>3 mm      |

#### CORNERPRO POLISHING SYSTEM

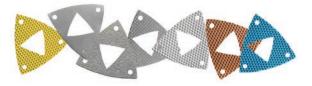
CornerPro pads feature a special triangular shape for reaching the furthest depths of corners and edges. We offer CornerPro in brazed, resin, and electroplated bonds to accommodate various applications.

| Item Number  | Description  | <u>Size</u> | 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         |



# **CORNERS AND EDGES**





# **STONE COUNTERTOPS**

#### **3N RESIN POLISHING PADS FOR NATURAL STONE**

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

#### 3N Resin Polishing Pads, 4 Inch

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

#### 3N Resin Polishing Pads, 5 Inch

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



#### **3N HIGH PERFORMANCE POLISHING PADS**

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

#### 3N High Performance Pads, DRY, 4 Inch

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

#### 3N High Performance Pads, DRY, 5 Inch

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

# **CONCRETE COUNTERTOPS**









# **FLOOR MAINTENANCE**



An efficient and versatile solution for floor restoration and maintenance. Outstanding results on polished concrete, natural stone, terrazzo, VCT, resin floors and overlays.

- Retail
- Educational
- Institutional  $\checkmark$
- Industrial



#### SHINEPRO<sup>®</sup> DIAMOND PADS

#### SHINEPRO® DIAMOND SCREENS

RED ORANGE GOLD 220 GRIT 400 GRIT 600 GRIT

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



# PLAY THE LONG GAME. Yes, polished concrete floors are low-maintenance, but they look and life of your polished concrete floors. For years to come.

**KEEP FLOORS CLEAN, BRIGHT AND REPAIR SMALL PROBLEMS BEFORE** SAFE THEY BECOME BIG PROBLEMS traffic patterns, low gloss, stains

#### EXTEND THE LIFE OF YOUR FLOORS AND PRESERVE YOUR INVESTMENT

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

> ONE SIZE DOES NOT FIT ALL plan can be tailored to fit individual floor needs

# EVALUATION

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

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

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



FOR NORMAL DAILY MAINTENANCE TO KEEP YOUR FLOOR LOOKING GREAT.

1. Dust mop.

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



# REFRESH

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

1. Dust mop

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

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

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



- 1. Dust mop.
- using Cleaner/Degreaser in the scrubber mixed at 2oz per gal.\*
- 3. High-speed burnish with ShinePro 1800 grit pad.
- 4. Dust mop.
- or Concrete Protector SB).
- 6. High-speed burnish with ShinePro BUFF pad.



#### \*REVIVE MAINTENANCE SPOT REPAIRS:

- 2. Mix Cleaner/Degreaser in a mop bucket or pump-up sprayer at 4oz per gallon.
- down to a ShinePro 220 grit pad or even a ShinePro 400 grit screen).
- pad using Cleaner/Degreaser in the scrubber mixed at 2oz per gal.
- before proceeding to step 7.
- 7. High-speed burnish with ShinePro 1800 grit pad.
- 8. Dust mop.
- or Concrete Protector SB).
- 10. High-speed burnish with ShinePro BUFF pad.

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

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

2. Scrub floor with ShinePro 800 grit pad for four passes, then two passes with ShinePro 1800 grit pad

5. Apply appropriate Consolideck protective treatment (LSGuard, PolishGuard, Concrete Protector WB,

1. When Step 2 does not remove acid etches in the floor, it's time for the optional spot repair.

3. Apply a very heavy application to the area to be repaired and allow to dwell for 10 minutes.

4. Use NSS 17" weighted buffer equipped with a ShinePro 400 grit pad. (If this doesn't work, drop

5. Scrub floor with ShinePro 800 grit pad for four passes, then two passes with ShinePro 1800 grit

6. Apply a thin application of Consolideck LS/CS to the repaired damaged area and allow to dry

9. Apply appropriate Consolideck protective treatment (LSGuard, PolishGuard, Concrete Protector WB,

#### SHINEPRO<sup>®</sup> DIAMOND PADS

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

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

#### ShinePro<sup>®</sup> Pads, 17 Inch

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

#### ShinePro<sup>®</sup> Pads, 21 Inch

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

#### ShinePro<sup>®</sup> Pads, 27 Inch

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



#### SHINEPRO® DIAMOND SCREENS

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

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

#### ShinePro<sup>®</sup> Screens, Electroplated, 17 Inch

| Item Number | Description                        |
|-------------|------------------------------------|
| DS-17-0220  | ShinePro® Screen, Electroplated, 2 |
| DS-17-0400  | ShinePro® Screen, Electroplated, 4 |
| DS-17-0600  | ShinePro® Screen, Electroplated, 6 |

#### ShinePro® Screens, Electroplated, 21 Inch

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

#### ShinePro® Screens, Electroplated, 27 Inch

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

#### **RESTOREPRO SYSTEM**

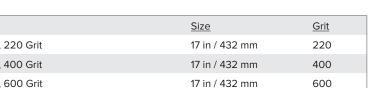
#### Ideal for concrete and terrazzo spot repair!

The RestorePro system consists of three tools: eletroplated pad 400 grit, electroplated pad 600 grit, and a V-Harr polishing pad 800 grit. These are 5-inch pads with hook backing and can be attached to any non-woven pad (not included). They should be used wet on a low-speed machine (autoscrubbers, swing machines, etc.).

| Item Number | Description                                    | Size          | <u>Grit</u> |
|-------------|--|---------------|-------------|
| 5EL400H     | Flexible Electroplated Pad with Hook, 400 Grit | 5 in / 686 mm | 400         |
| 5EL600H     | Flexible Electroplated Pad with Hook, 600 Grit | 5 in / 686 mm | 600         |
| VF50800H    | V-Harr Polishing Pad with Hook, 800 Grit       | 5 in / 686 mm | 800         |

# **FLOOR MAINTENANCE**

#### PATENTED DESIGN







# ACCESSORIES

#### PLATES AND ADAPTERS FOR OTHER MACHINES

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

| Item Number   | Description  | Size            |  |
|---|--|-----------------|--|
| XQC-HOLDER  | QC tool holder adapter for bolting tools - universal bolt-on style | standard        |  |
| X-HOLDER-STI  | QC tool holder adapter for bolting tools to STI machines           | standard        |  |
| X-HOLDER-TER  | QC tool holder adapter for bolting tools to Terrco machines        | standard        |  |
| QC-HOLDER-EDCO  | QC tool holder adapter for bolting tools to EDCO machines          | standard        |  |
| XP-HTC-9  | QC Plate for HTC500 & HTC650                                       | 9in / 230mm     |  |
| XP-HTC-10.63  | QC Plate for HTC800, HTC950, SASE6000 & 8000                       | 10.63 in /270mm |  |
| XP-7-EDCO   | QC Plate for Edco machines   | 7in / 178mm     |  |
| XP-10-EDCO  | QC Plate for Edco machines   | 10in / 254mm    |  |
| XP-HUSQ-9   | QC Plate for Husqvarna PG530 & PG680                               | 9in / 230mm     |  |
| XP-HUSQ-10.63   | QC Plate for Husqvarna PG820 & PG950                               | 10.63in / 270mm |  |
| XP-HUSQ-450   | QC Plate for Husqvarna PG450                                       |                 |  |
| XP-Scanmaskin-8.4   | QC Plate for Scanmaskin 650  | 8.4in / 213mm   |  |
| XP-Scanmaskin-9.5-NEW   | QC Plate for Scanmaskin 700/800/1000 new style (after mid 2016)    | 9.5in / 241mm   |  |
| XP-Scanmaskin-9.5-OLD   | QC Plate for Scanmaskin 700/800/1000 old style (before mid 2016)   | 9.5in / 241mm   |  |
| For adapter plates for other machines, not listed here, please call Superabrasive or your LAVINA distributor. |  |                 |  |



Left to right: Universal Bolt-on Addapter, STI Adapter, Terrco Adapter, Edco Adapter.



Left to right: 10.63-in QC Plate for HTC, 10.63-in QC Plate for Husqvarna, 10-in QC Plate for Edco, 9.5-in QC Plate for Scanmaskin.

#### LIPPAGE HOLDERS

Great for attaching velcro-backed tools on other machines

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

#### RUBBER SPACER WITH HOOK AND LOO

Serve as a cushion between the diamond pad and the backer

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

#### **BACKER PADS**

Suitable for Flat Surfaces or Straight Edges

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

#### Flexible Backer Pads for attaching velcro-backed tools on angle grinders

Suitable for Corners or Curved Edges

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

# **ACCESSORIES**

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#### Aluminum Backer Pads for attaching velcro-backed tools on angle grinders











# **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 15% per month will be added to accounts after 30 days
- All major credit cards are accepted Visa, Master Card, American Express and Discover.

#### **Return Policy**

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

#### **Damaged Shipments**

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

#### Liability

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

#### Warranty Policy for LAVINA® Machines

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

#### **Liability for Defects**

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

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

#### LAVINA MACHINES ARE COVERED BY A 2-YEAR / 600 HOURS MACHINE WARRANTY (whichever comes first).

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

#### Complaint

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

#### Limitation

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

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

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

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

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

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

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

# WARRANTY POLICY

## WARRANTY POLICY

#### Warranty Policy for LAVINA® Vacuums

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

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

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

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

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

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

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

#### Headquarters and Sales Office, USA:

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

#### Factory & European Sales Office, Bulgaria:

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#### Superabrasive Ukraine:

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www.superabrasive.com

