





## SELECTING THE RIGHT DIAMOND TOOL FROM TRAXX



After determining the condition and hardness of the material to be ground, select a tool from the following range.

The range includes PCD Roughing and heavy removal tools, diamond segments for all roughing to smoothing applications, resin polishing tools and all necessary chemicals to assist in the sealing, hardening and ultra polishing of all surfaces.

Our quick release and connect TRAXXLOK system is compatible with most major machines on the market today.



## POLISHING PADS



To assist with the ultimate fully polished floor, resin based diamond polishing pads must be used to bring the floor to the desired level of finish. Select resin pads from the range available, commencing with the very unique High Diamond Concentration (HC) 50# and 100#. These grit sizes are also available in standard concentration. The range available is 50# or 50#HC, 100# or 100#HC, 120#, 200#, 400#, 800#, 1500# and 3000#. All Traxx Resin pads are colour co-ordinated for easy identification, and have a full 9mm on diamond depth select the standht machine to provide the (HC is 5mm).



## TRAXXLOK

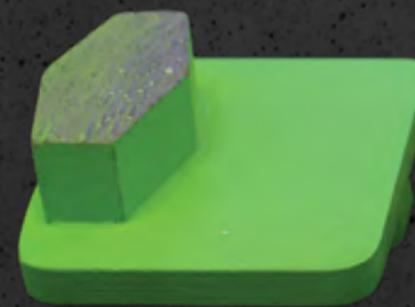
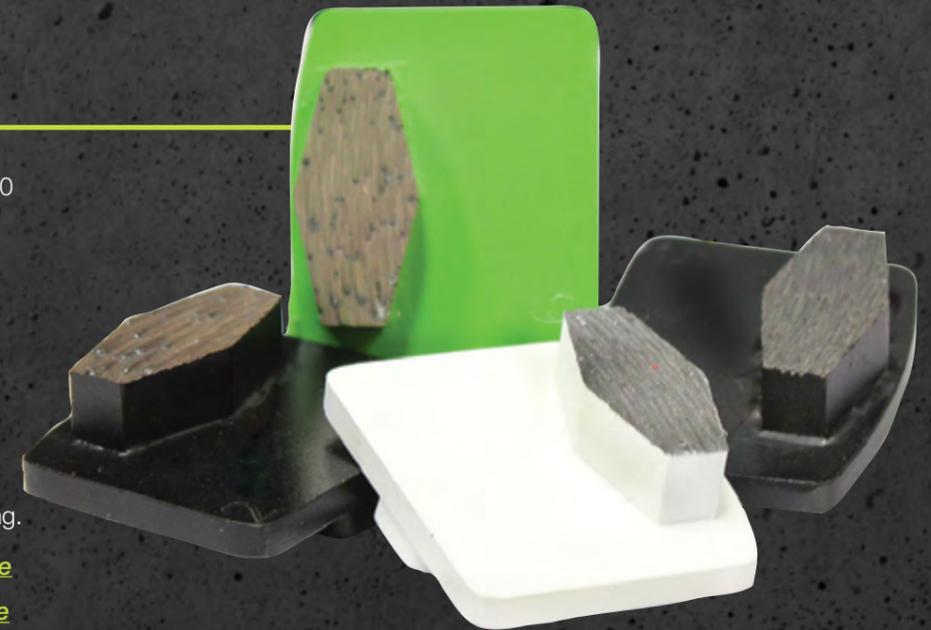
Select from our two performance series available - 600 series or 800 series.

The 600 series have 13mm diamond height for economic grinding on all materials.

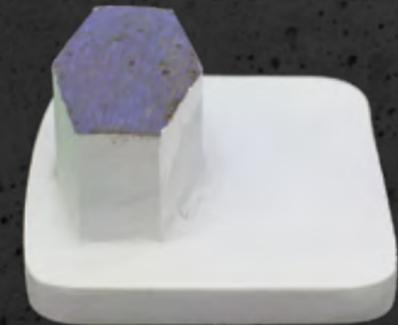
All 800 series segments are a full 13mm diamond height and designed to provide premium performance and low cost grinding.

[Buy TraxxLok 600 Series Here](#)

[Buy TraxxLok 800 Series Here](#)



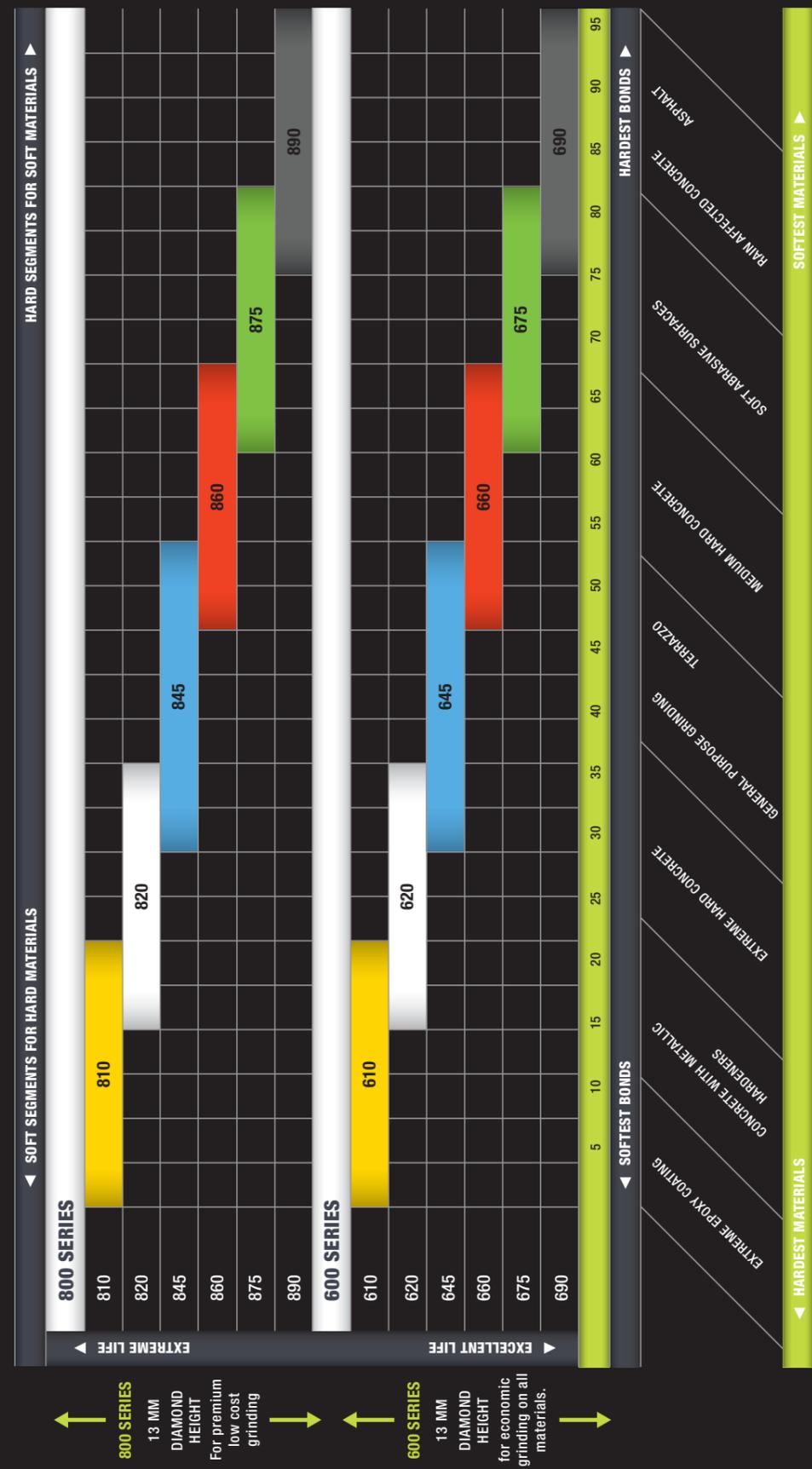
**TRAXXLOK 600 SERIES**  
13MM DIAMOND HEIGHT



**TRAXXLOK 800 SERIES**  
13MM DIAMOND HEIGHT

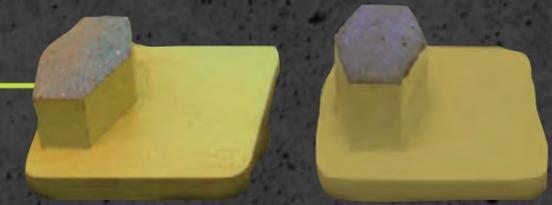


# TRAXXLOK SEGMENT SELECTION CHART



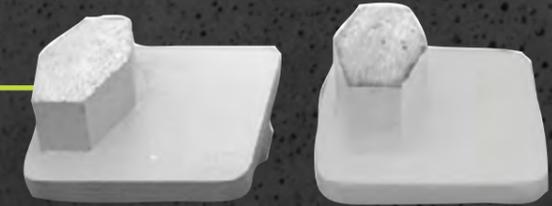
### TRAXXLOK #610, #810

10 Bond is recommended for grinding the very hardest burnished concrete.



### TRAXXLOK #620, #820

20 bond is perfect for the hardest materials but with more life but slightly less speed than 10 bond.



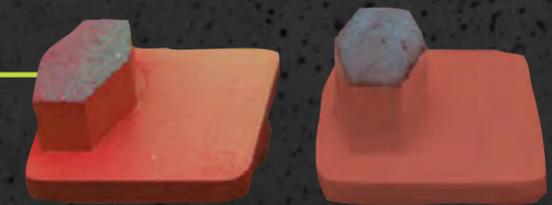
### TRAXXLOK #645, #845

45 bond is a great tool for use on medium to hard concrete



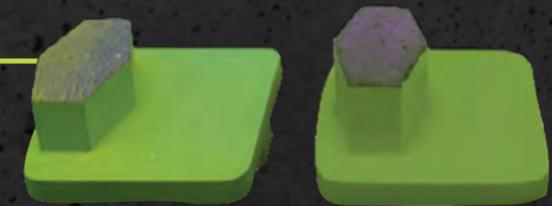
### TRAXXLOK #660, #860

60 bond is our "universal" bond with great speed and life on a mixture of hard to soft materials.



### TRAXXLOK #675, #875

75 Bond is specially designed for grinding soft abrasive surfaces where good life of the tool is required.



### TRAXXLOK #690, #890

We made 90 bond specifically for grinding very abrasive rain affected concrete surfaces.



## TRAXXLOK

All Traxxlok segments are available in single and double.

[Buy TraxxLok 600 Series Here](#)

[Buy TraxxLok 800 Series Here](#)



## TRAXXLOK PCD

TraxxLok PCD tools are supplied in various styles for most machine types. The ultimate tool for fast removal of epoxies, paints and adhesives from all floor surfaces.



## TRAXXLOK SCRATCH AND CLAW

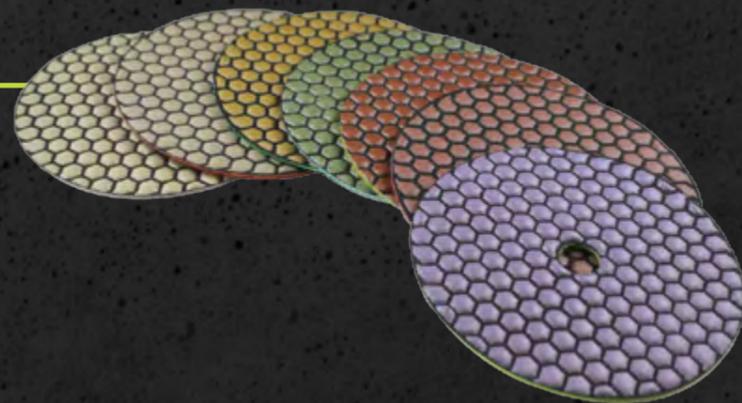
Scratch and Scratch and Claw pads are made for fast and VERY fast removal of paints, resins and difficult to remove adhesives, as well as for stock removal on damaged timber floors, prior to sanding.



## ATOM PADS

TRAXX Atom Pads utilise the latest in resin and diamond technology to provide perfect polishing, wet or dry on all concrete, marble, granite and terrazzo surfaces.

[Buy Traxx Atom Pads Here](#)



## TRIANGLE PADS

TRAXX Triangle pads are perfect for polishing those hard to get at corners and nibs, wet or dry.

[Buy Traxx Triangle Pads Here](#)



## CERAMIC TRANSITION POLISHING PADS

The surface preparation industry is constantly demanding new and better ways of doing daily tasks. TRAXX has introduced a new range of CERAMIC Bond, velcro backed polishing pads to speed up the transitional grinding stage between metal bond and traditional resin bond pads.

So good in fact that they enable the deletion of 2 or 3 stages in the traditional full polishing process.

Full 9mm HC diamond height, and 80mm diameter. Available in mesh sizes 50#, 100#, 200#.

After this stage, proceed to TRAXX Super Resin pads.

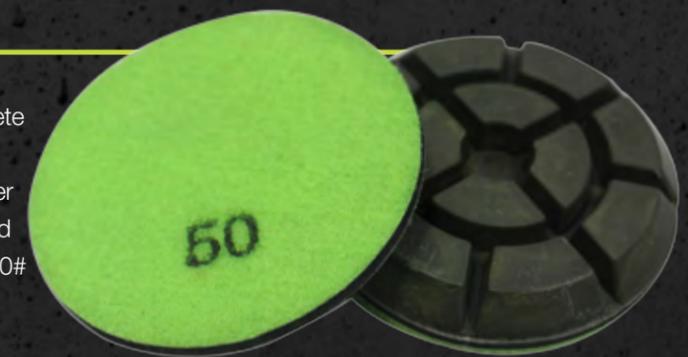
[Buy Traxx Ceramic Transitioning Pads Here](#)



## TRAXX SUPER RESIN PADS

TRAXX Super Resin pads are made for the professional that requires a perfect gloss finish when polishing concrete using the TRAXX Floor process. 80mm diameter, velcro backed and with 10mm full diamond depth. TRAXX Super Resin pads are designed for use on low to high powered grinders. Available in 50#, 100#, 200#, 400#, 800#, 1500# and 3000#.

[Buy Traxx Super Resin Pads Here](#)



**TRAXX LIPPAGE PADS**

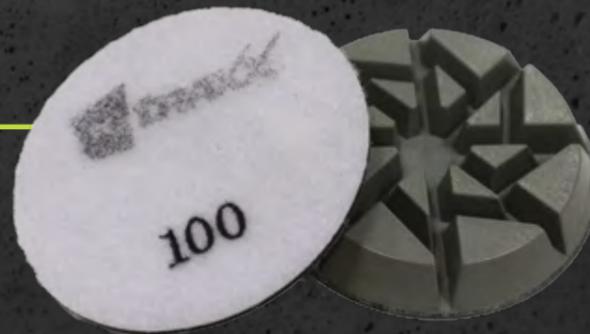
Lippage on tiled surfaces is always a problem if a floor has not been perfectly laid. TRAXX Lippage Pads smooth the refurbishment process, greatly extending the life of your pads. Suitable for wet or dry grinding of most floors. Available in 80mm diameter x 10mm diamond depth and 50#-3000# mesh sizes.

[Buy Traxx Lippage Pads Here](#)



**TRAXX MGT PADS**

TRAXX MGT Pads are designed specially for refurbishment of Marble, Granite or Terrazzo surfaces. Can be used wet or dry. Available in 80mm ø x 10mm diamond depth and 50#-3000# mesh sizes.



**RESIN HOLDERS**

Under some tough conditions or even at high speeds, resin pads can come loose from their velcro holder. The new TRAXXLOK Resin Holders are designed to prevent this happening. Using special ULTRA LOK Velcro and the addition of a peripheral lip on the holder, keeps your pads in place.



**DIAMOND PLUGS**

Traxx supplies a full range of diamond plugs to suit every machine and application, including Arrow, Flat, Lippage and Turbo styles.

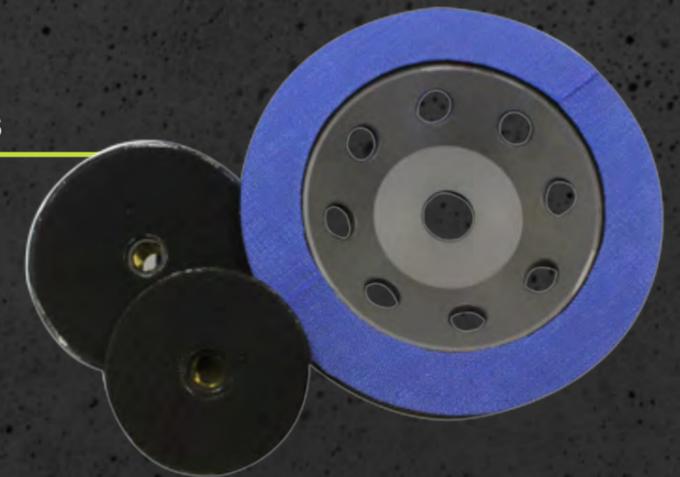
All diamond plugs are available in a broad range of diamond mesh sizes from 16#-240#.

Traxx can also design plugs for your personal preference.



**HARD FLOOR RESIN POLISHING PADS**

We also offer a full range of backer pads, standard and flexible, velcro backed, to suit all hand held machines.



**RING RESIN PADS**

Great for edge grinding of concrete and most masonry. Available in 6" and 7" diameters and 50-3000# mesh.

[Buy Traxx Ring Resin Pads Here](#)



**RESEXX 1 DIAMOND FLOOR PADS**

Traxx Resexx 1 pads use the very best quality fibre mesh backing material, providing ultimate bond between the pad and the resin diamond section. This allows the pads to be used where some smaller undulations occur, compared to normal pads. Perfect for grinding concrete, terrazzo and most stone products. available in sizes 150-600mm diameter and 50-3000# mesh size.

[Buy Traxx Ressex 1 Diamond Pads Here](#)



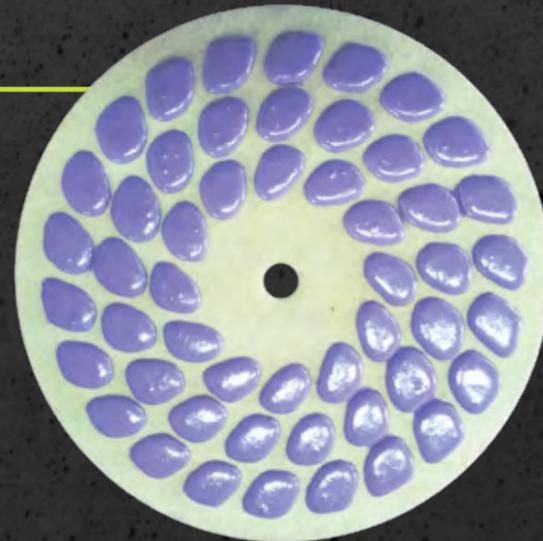
**RESEXX 2 DIAMOND FLOOR PADS**

TRAXX Resexx 2 felt backed 9 pads are perfect for polishing and restoring concrete, marble, and terrazzo floors. Used on planetary floor Grinders fitted with Velcro® backed holding plates.

The highest quality felt, used as the backing bonds with the resin segments to clean floors as well as polish the concrete to a high gloss finish.

Dry use is strongly recommended.

[Buy Traxx Ressex 2 Diamond Pads Here](#)



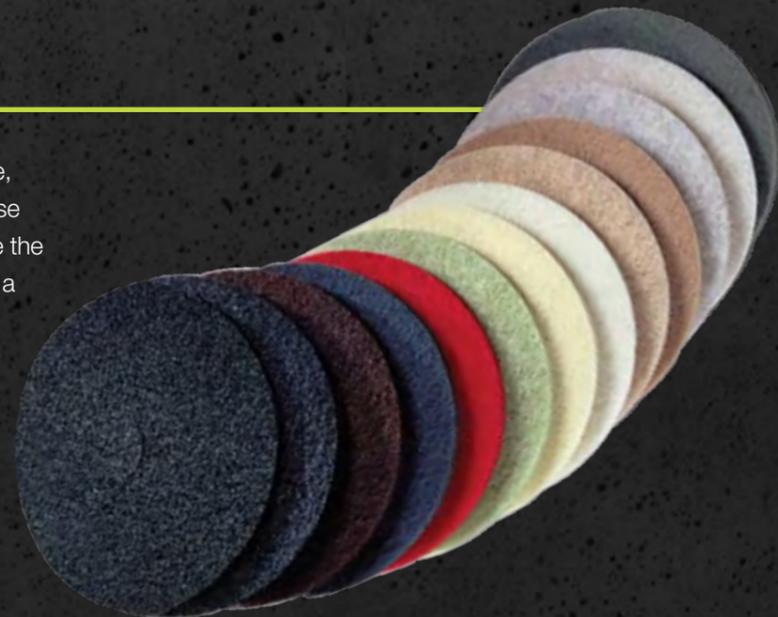
**RESEXX 3 DIAMOND FLOOR**

The TRAXX Resexx 3 Diamond Floor Pads Plus allows the maintenance and polishing of concrete, stone, marble and terrazzo flooring without the use of floor finishes and strippers, helping to eliminate the use of floor finish and floor stripping chemicals in a maintenance program.

Great for restoring the lustre back on polished concrete, simply and economically.

Available in diametres from 150mm -700mm and various mesh sizes from 50# to 5000#.

[Buy Traxx Ressex 3 Diamond Pads Here](#)



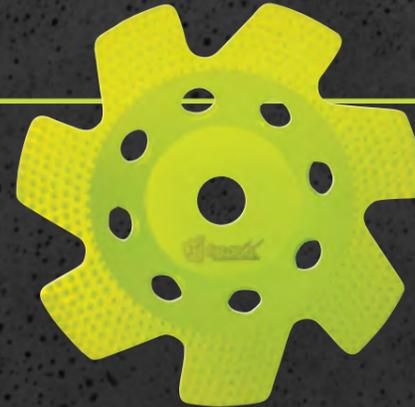
**SPIKE CUP WHEEL**

Using the latest Direct Brazing Technology, (DBT) this wheel provided the fastest stock removal of concrete, rust, paint, epoxies and glues.



**WING SPIKE CUP WHEEL**

Using the latest Direct Brazing Technology, (DBT) this wheel provides SUPER FAST stock removal of concrete, rust, paint, epoxies and glues.



**TRAXXTRADE DOUBLE ROW SEGMENTED CUPWHEEL**

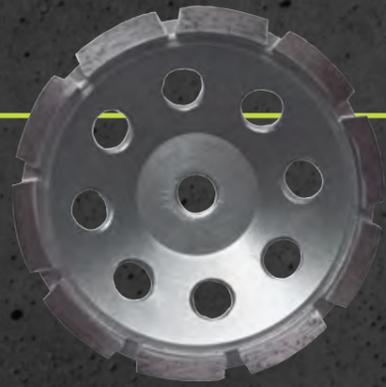
For the tradesperson who needs a speedy removal rate on general concrete and masonry products. Wet/dry. Available in 150, 125 and 180mm.



**TRAXXTRADE TURBO CUP WHEEL**

The unique wave design gives maximum removal rate of material being ground. The wide face is perfect for flattening surfaces or rounding edges.





**TRAXX SINGLE ROW CUPWHEEL**

For fast removal and extended life on a very broad range of materials including natural stones, concrete and general masonry materials. Available in course, medium and fine grit sizes.



**TRAXX DOUBLE ROW CUPWHEEL**

For extreme life in heavy grinding of concrete and masonry. Wet or dry. 105, 125 and 180mm in all mesh sizes. products



**TRAXXPRO TURBO ROW CUPWHEEL**

The unique wave design gives maximum removal rate of material being ground. the wide face is perfect for flattening surfaces or rounding edges. For the Professional user.



**TRAXX SPCD BRUTE CUPWHEEL**

The SPLIT PCD cupwheel for "serious" removal of epoxy, paint and glue surfaces. Segment thickness: 5mm

**PCD CUPWHEELS**

A full range of PCD (Polycrystalline Diamond) wheels are available for all stripping and roughing or quick removal surface preparation applications.

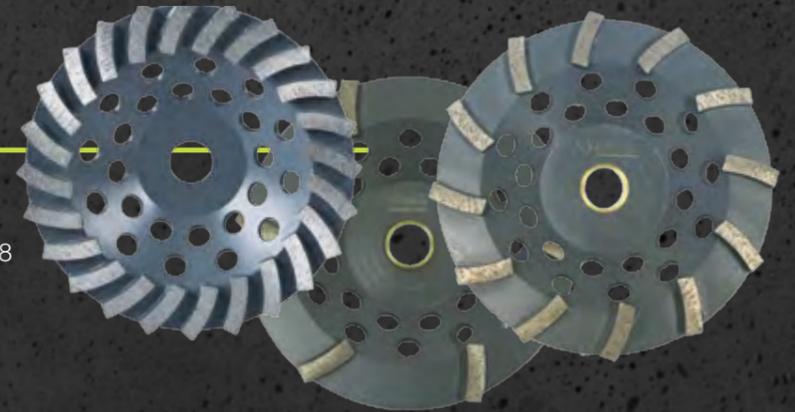
PCD wheels and segments can be used on a broad range of materials including concrete, paint, epoxy and glues.

PCD wheels are available from 100mm -230mm diameter and in segment plate format to suit all machines.



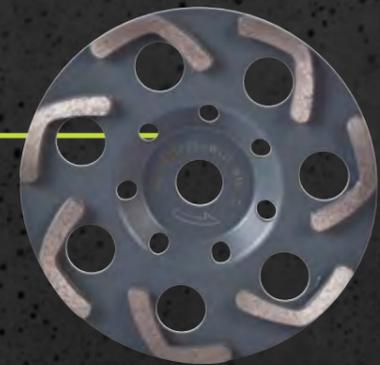
**PDQ CUP WHEELS**

Its just that Pretty Damn Quick. PDQ wheels are made for heavy stock removal in a broad range of materials, available in 5", 7" and 9", with 6, 9, 12, 18 and 24 segments and all mesh sizes from 16# to 240#.



**CUP WHEELS TO SUIT HILTI MACHINES FOR GRINDING CONCRETE**

Available in 150mm diameter only, but a range of bonds and mesh sizes to suit all applications.



**WEDGE BLOCKS**

Wedge blocks available to suit all machines. Hard, medium and soft bonds in course, medium and fine mesh sizes.



**PCD SHARD SEGMENTS**

PCD or Polycrystalline Diamond Segments are perfect for easy removal of paint or epoxy and can be fitted to all grinding plates or TraxxLok.



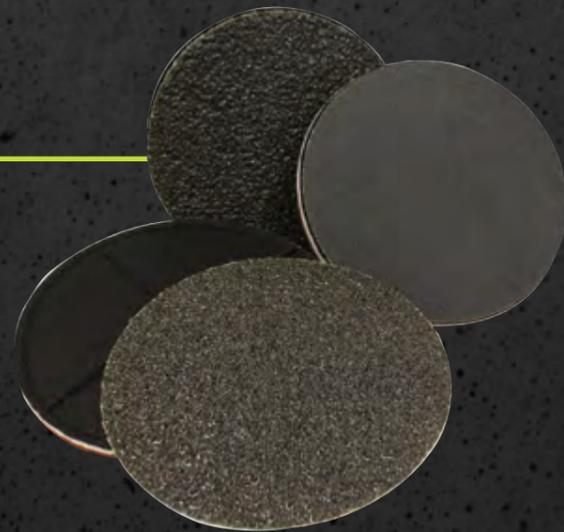
**CRETEMOWER HEADS**

Cretemower plates feature 40 x 15 x 15 segments, hard, medium and soft bonds and course, medium and fine mesh sizes.



**SANDPAPER PADS**

Traxx offer a full range of 180mm sanding discs for wooden floors. Simply attach our cushioned Velcro backer pads to your grinder, select the grit size required and proceed to a perfect finish, ready for polishing or sealing



**FLEXIBLE METAL PADS**

Traxx flex Metal dot pads are perfect for hand and edge grinders for concrete and terrazzo. full range of mesh sizes. Available in 3" to 7" with backing pads to suit all.



**DELUXE HARDNESS PICK SET**

The Deluxe Hardness Pick Set from TRAXX is unique in that, unlike other mineral hardness testing tools that use minerals or crystal points, the TRAXX picks are made of metals and alloys of hardness values equal to 2 through 9 on the Mohs' hardness scale. And because the picks are made of metal, they are easily ground to sharp points which will not break off and which can be easily sharpened

Why measure the hardness of a concrete? Because hardness is an important and quantifiable physical characteristic of concrete and in your effort to identify an value, the hardness, if known, combined with other properties, can make the tool selection much easier as well as the initial quoting of the job at hand.

How do you use the hardness picks? Simply scratch the concrete surface with the picks of various indicated hardness. As an example, if a No. 5 pick scratches the concrete but a No. 4 pick does not, then your concrete hardness is 4.5.

You can then select the bond and mesh type of your diamond segment based on a known factor, coupled with your experience.

[Buy Traxx Deluxe Hardness Pick Set Here](#)



GET THE  
PERFECT  
FINISH  
EVERYTIME WITH  
TRAXX FLOOR

**TRAXX CHEMICALS**

If the surface being worked requires a super hard, supremely polished and fully sealed surface, you can select from a range of chemical treatments to provide that superb result.

A complete range of chemicals are available for all applications, packaged in 5 or 20 litre packs, or can be supplied in bulk if required.

[Buy Traxx Floor Chemicals Here](#)



**TraxxGrout**

TraxxGrout is a premixed material primarily designed to assist in the filling of small holes and cracks in concrete floors. The TraxxGrout is applied to the surface being ground, causing a mild reaction with the concrete. This generates a slurry that is then reground back into the surface, thus providing the filling of the voids.

**TraxxGrout-Plus**

TraxxGrout-Plus is a 100% concentrated version of TraxxGrout and allows the applicator to mix the desired strength to enable a quicker reaction with the surface, where required. TraxxGrout is an integral part of the complete polished floor process.

**TraxxSeal**

TraxxSeal is a premium grade surface impregnator that inhibits the ingress of most materials that are likely to stain the surface.

**TraxxSeal-Plus**

TraxxSeal-Plus is the Super Premium impregnation sealer that provides a virtually impenetrable barrier to almost all materials that could possibly stain the surface being treated. Ideal for all types of concrete and masonry. TraxxSeal-Plus is normally applied as the final step in the polishing process.

**TraxxSeal-Outdoor**

Traxx Seal Outdoor is a penetrating sealer/impregnator which provides concrete and other porous surfaces resistance to water and oil absorption by limiting capillary action.

**TraxxHard**

TraxxHard is a silica based material that reacts with the concrete being polished or treated, to provide a significant increase in density, thus hardness of the surface. This in turn allows for a much higher level of gloss finish to be achieved on the worked surface.

**TraxxLHE**

Traxx LHE - Lithium Extreme hardener enhance sealer - forms a stable high ratio, low viscosity solution. Once dried, Traxx LHE is relatively insoluble compared to other potassium and sodium based silicates.



**MACHINES, DIAMONDS AND CHEMICALS. TRAXX HAS ALL YOU NEED FOR THE PERFECT FLOOR**

# TRAXX FLOOR

## 1. ASSESS HARDNESS OF CONCRETE

Soft, Medium or Hard, and select required metal bond diamond.

## 2. GRINDING WITH TRAXXLOK METAL BOND SEGMENTS:

Note: Depending on surface condition and concrete hardness / makeup, some mesh sizes may be able to be skipped.

- A. 16 MESH (IF REMOVING GLUE OR IN EXTREME CASES)**
- B. 40 MESH**
- C. 80 MESH**

Use CFQ with 11ltr pump – mix 40:1 / 250ml per 10 ltr.

**D.** If floor is to be polished - Clean floor with Vacuum and then wash with Microfibre mop.

### E. 120 MESH

- Use with TraxxGrout or TraxxGrout-Plus to fill in any exposed holes.
- If concrete hardness is greater than 25mpa use TraxxGrout, if hardness less than 25mpa (softer) use TraxxGrout-Plus.
- Apply with broom/microfiber/spray water on the floor 250ml per 5ltr recommended
- Bring to a paste to ensure the best chance of ingress into the exposed holes.
- Ensure to remove all excess Grout, including around edges, before drying.
- Allow Grout to dry for approx 2-3 hours. Ensure no scratching.

## 3. REMOVE ALL EXCESS DUST USING A MICROFIBRE MOP – DRY.

## 4. WET MOP FLOOR WITH MICROFIBRE MOP TO REMOVE ANY STUBBORN DEBRIS.

## 5. APPLY TRAXXHARD TO INCREASE THE DENSITY OF THE CONCRETE ALLOWING FOR A HIGHER GLOSS FINISH ONCE POLISHED.

- 1ltr per 10m2.
- Up to 2 applications.
- Apply with microfibre mop insuring not to pool or leave overlaps.
- Allow to cure for 12 hours.

## 6. RESIN POLISH WITH TRAXX DIAMOND RESIN PADS:

Soft, Medium or Hard, and select required metal bond diamond

### A. 50 GRIT

- Polish a small area and check for scratches.
- If scratches are present, use a 50 grit Hi-Con resin pad.
- Should scratches still be present after using the 50 grit Hi-Con pad, go back to the last metal bond used and follow through the process again.

**B.** Dry Mop floor with Microfibre Mop (between each resin)

### C. 100 GRIT

### D. 200 GRIT

### E. 400 GRIT

For semi-gloss floor, stop after 400 or 800 grit resin depending on concrete and desired finish.

### F. 800 GRIT

### G. 1500 GRIT

### H. 3000 GRIT

## 7. CLEAN FLOOR THOROUGHLY – DRY MOP FLOOR WITH MICROFIBRE MOP

## 8. CLEAN FLOOR THOROUGHLY – WET MOP FLOOR WITH MICROFIBRE MOP TO REMOVE ANY STUBBORN DEBRIS

## 9. SEALING WITH TRAXXSEAL:

- a. Domestic applications use TraxxSeal.
- b. High Traffic / Commercial applications use TraxxSeal-Plus and for an enhanced gloss.
- c. 2-3 applications using Microfibre applicator.
- d. Once dry re-apply.
- e. Allow 6-12 hours to dry.

## 10. BUFF FLOOR WITH TRAXX SCAN COMBI CLEAN