

# HARDY ROCK

INNOVATIVE TOOLING FOR  
TODAY'S MODERN MATERIALS



TOOLS & SUPPLIES FOR  
LARGE FORMAT TILE & PORCELAIN

RAK  
CERAMICS

KEDRA  
UNALTERABLE SURFACE

SAPIENSTONE  
dress your kitchen

FILORIM

ELEGANZA  
modern movement redefined

NEOLITH  
EXTRAORDINARY SURFACE

DEKTON

# **HARDROCK** IS YOUR SOURCE FOR SPECIFIED TOOLING.

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Today's modern countertop surfaces present many challenges for the fabricator. Having the right tool for the job is critical.

For over 25 years Hard Rock Tool has been in the business of making the job easier and more profitable for fabricators - today is no different.

Over the last few years, our R & D team has had one goal - find the best tooling for these hard to cut surfaces.

Working with the most innovative factories in Europe and around the world, we have found unique tooling that works. We have partnered with the material manufacturers to bring you tooling that has been tested, approved and certified - literally the cutting edge of diamond tool technology.

This catalog is a sampling of the tooling we have available. To discover all we have to offer for the material you are working with, please visit our new website, [www.hardrocktool.com](http://www.hardrocktool.com). There you will find links to videos of the tools in action and links to the certification from the material manufacturers.

For any questions, please contact our sales team at (800) 927-2490. Thank you for considering Hard Rock Tool, we look forward to partnership with you.

- 2) MATERIAL HANDLING
- 3) SAW BLADES
- 4) MITER BLADES
- 5) WODIAM BLADES
- 7) HAND GRINDER BLADES
- 8) CORE DRILL BITS
- 9) CUP WHEELS
- 10) POLISHING PADS
- 11) ADHESIVES
- 12) LARGE FORMAT TOOLS

INNOVATIVE TOOLING FOR  
TODAY'S MODERN MATERIALS

# HOW DO I PICK UP AND MOVE THE MATERIAL?

Video Link



## ABACO Porcelain Lifter

Abaco Porcelain Lifter is specifically designed to lift and move materials which are flat, long, thin, delicate, and breakable such as porcelain, glass, ceramic, etc.

- The clamping mechanism is fully automatic.
- The surface contact for the material is covered by rubber pads to prevent from damages or cracks when lifting.
- Two guide shafts lead the lifter to the right position.
- Porcelain Lifter has 8 wheels. The four lower wheels of the lifter make it easy for maneuvering. The four upper wheels of the lifter were designed to provide pressure on the porcelain slab surface to act as a guide as the porcelain slab glides into the lifter and ensure the porcelain slab at the center of two clamps.
- Porcelain Lifter is made of aluminum, so it is light and sturdy.
- The device is designed with two lifters which distribute the lifting force evenly.



Length	Width	Height	Grip Range	Net Weight	Work Load Limit
30 <sup>11</sup> / <sub>16</sub> " (780mm)	10 <sup>7</sup> / <sub>16</sub> " (265mm)	22 <sup>1</sup> / <sub>4</sub> " (565mm)	3/16"-13/16" (4mm-20mm)	50.6 lbs (23kg)	660lbs (300kg)

# HOW DO I CUT WITH MY BRIDGE SAW?



## GRES<sub>CUT</sub>

Video Link



## DIATEX GresCut Porcelain Blade

The DIATEX GresCut Cutting Blade is engineered to cut Porcelain, Neolith® and other hard composite materials. These composite slabs are gaining in popularity as countertops, facades and flooring, but are notoriously difficult to cut. The Sandwich Segment technology of Diatex Blades guarantees an excellent finish and durability on these innovative surfaces.

Diameter	Segment Thickness	Segment Height	Bore
14"	3mm	10mm	60/50mm
16"	3.2mm	10mm	60/50mm

### Material

- Porcelain
- Neolith®
- Dekton®
- Hard Compact

### Equipment

- Bridge Saw

### Usage

- Wet

NEOLITH



Hard Rock Tool is confident that you will be 100% satisfied with your Diatex Blade or your money back. Guaranteed!



# HOW DO I CUT WITH MY BRIDGE SAW?



**DEK**CUT

## DIATEX DekCut Blade

The DIATEX DekCut® Cutting Blade has been engineered to cut Dekton® and is gaining in popularity as solid surfaces, facades, siding and flooring.

- Substantially increase your cutting speeds for the material
- No chipping and no blow-outs
- Neatly cuts at 45° angles
- Available in silent and normal cores
- Made in Italy

Diameter	Segment Thickness	Segment Height	Bore
14"	3mm	10mm	60/50mm
16"	3.2mm	10mm	60/50mm



Video Link



**Material**

- Dekton®
- Porcelain

**Equipment**

- Bridge Saw

**Usage**

- Wet



# HOW DO I MITER WITH MY BRIDGE SAW?



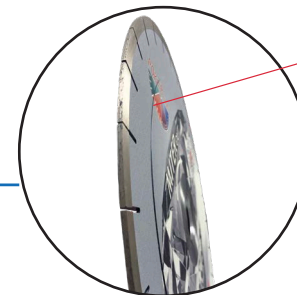
**MITER**CUT

## DIATEX MiterCut Ultra Blade

The DIATEX MiterCut Ultra Cutting Blade is the perfect blade for 45° cuts on all thickness of large format Porcelain, Dekton®, Neolith® and other composite slabs.

- Suitable for 45° cut on 20mm
- No chipping and no blow-outs
- Neatly cuts at 45° angles
- Made in Italy

Diameter	Segment Thickness	Segment Height	Bore
16"	3.2mm	10mm	60/50mm



Reinforced  
Core for stability



**Material**

- Neolith®
- Dekton®
- Lapitec®
- Porcelain
- Ultra

**Equipment**

- Bridge Saw

**Usage**

- Wet

# ARE THERE OTHER BLADES FOR MY BRIDGE SAW?



***Cuts up to  
250 inches  
per minute!***



## WODIAM Wendy Blade



WODIAM has the perfect High Production Blade for every material. Granite, Quartz, Dekton, Neolith, Lapitec, Porcelain & other Hard Composite Materials.

Diameter	Segment Thickness	Segment Height	Bore
14"	3mm	10mm	60/50mm
16"	3.2mm	10mm	60/50mm

### Material

- Porcelain
- Neolith®
- Dekton®
- Hard Compact
- Quartz

### Equipment

- Bridge Saw

### Usage

- Wet

NEOLITH



Video Link



## Wodiam Diamond Blades

are the fastest cutting blades in the world.  
Increase your production and maximize your profits.

# ARE THERE OTHER BLADES FOR MY BRIDGE SAW?



## WODIAM “Wim” Blade

Engineered for high production, the Wodiam “Wim” Bond Bridge Saw Blade has been designed to cut Porcelain and composite material. A feed rate averaging 200 inches per minute in 2cm material, makes this the fastest blade available.

- For saws with variable speed spindle adjustment
- Increase your cutting speeds - up to 70%
- For use on High HP machines
- Cuts straight & miter

Diameter	Segment Thickness	Segment Height	Bore
14"	3mm	10mm	50/60mm
16"	3.2mm	10mm	50/60mm
18"	3.4mm	10mm	50/60mm



### Material

- Dekton®
- Neolith®
- Lapitec®
- Porcelain
- Ceramic

### Equipment

- Bridge Saw

### Usage

- Wet



## WODIAM “Salve” Blade

The Wodiam “Salve” Bridge Saw Blade has been engineered to cut Porcelain, Hard Composite and Dekton® material. Feed rate averaging 200 inches per minute in 2cm material.

- For saws with fixed speed spindle
- Increase your cutting speeds - up to 70%
- For use on High HP machines
- Operator adjust RPM based on diameter
- Cuts straight & miter

Diameter	Segment Thickness	Segment Height	Bore
14"	3mm	10mm	50/60mm
16"	3.2mm	10mm	50/60mm
18"	3.4mm	10mm	50/60mm



### Material

- Dekton®
- Neolith®
- Lapitec®
- Porcelain
- Ceramic

### Equipment

- Bridge Saw

### Usage

- Wet



# HOW DO I CUT WITH MY HAND GRINDER?



## ADW Epic Thin Turbo Blade

Difficult to cut materials like Porcelain and Dekton® require specialized tools. AGUILA TURBO BLADES is the solution when you need to cut by hand with a turbo blade. Available in 4.5" & 5"

- Light work on dense surfaces
- Thin Turbo rim for precise cut
- Drilled body for efficient cooling
- Made in Spain

Diameter	Max RPM	Wet/Dry Cutting	Segment Height
4.5"	1300	Wet or Dry	11mm
5"	1200	Wet Or Dry	11mm



- Material**
- Dekton®
  - Neolith®
  - Lapitec®
  - Porcelain
  - Ceramic

- Equipment**
- Hand Grinder

- Usage**
- Wet or Dry

Certification Link



SPECIFIED BY DEKTON®



## ALPHA Katana Porcelain Blade

The Alpha® Katana blade is the ultimate dry cutting diamond blade for the professional. Engineered to cut hard materials, such as porcelain, granite, marble, engineered stone and glazed ceramic tile.

- Specially designed for hard porcelain
- Hybrid Dry Saw Blade for all tiles
- Great for porcelain paver tiles
- Fits on most popular High-Speed Angles Grinders

Diameter	Max RPM	Wet/Dry Cutting	Thickness
4.5"	13,200	Wet or Dry	1.4mm
5"	12,200	Wet Or Dry	1.4mm



- Material**
- Porcelain
  - Granite
  - Engineered
  - Marble

- Equipment**
- Hand Grinder

- Usage**
- Wet or Dry



# WHAT CORE DRILL BITS CAN I USE TO MAKE HOLES?



## ADW Thin Wall Core Drill Bit

The ADW Thin Wall Core Drill Bit are Made in Spain and specifically designed for use on Porcelain, Hard Composite and Dekton® materials. They are engineered with a combo 1/2 Gas and 5/8-11" arbor for the ability to be used with CNC machines and hand tools.

- Available in all sizes
- Super clean & fast coring
- Use wet
- Made in Spain

Diameter	Max RPM	Wet/Dry Cutting	Fitting
32mm - 45mm	3,500 - 5,500	Wet	1/2" Gas & M14



Certification Link



SPECIFIED BY DEKTON®



- Material**
- Porcelain
  - Neolith®
  - Lapitec®
  - Ultra
  - Dekton®
- Equipment**
- CNC
- Usage**
- Wet



## Vacuum Brazed Core Drill Bits

Vacuum Brazed Diamond Core Drill Bits are the best for cutting hard Porcelain and Ceramic. Can be used wet or dry, with smooth coring, minimal chipping, less heat generation, no cracking and better finish quality.

- Multipurpose Core Bits
- Great for porcelain and engineered material
- Long lasting, and range from different sizes

SPECIFIED BY NEOLITH®



- Material**
- Porcelain
  - Granite
  - Engineered
  - Dekton®
- Equipment**
- Hand Grinder
- Usage**
- Wet or Dry



## Montolit Milling & Countersink Bits

Montolit bits are designed to give a smooth, high-end finish. Very useful to reduce the risk of cracking with standard and large format tiles. Improve the edge finishing of exposed holes. Milling bits are designed to enlarge, shape and/or round bevel existing holes.



Video Links



- Material**
- Porcelain
  - Granite
  - Engineered
  - Marble
- Equipment**
- Hand Grinder
- Usage**
- Wet or Dry

# HOW DO I GRIND WITH MY HAND GRINDER?



## KGS Hybrid Diamond Flap Discs

KGS Hybrid Diamond Flap Discs can be used for various applications. Thin diamond plates allows to obtain high removal rate. Considerably reduces vibrations and effort of the operator. Designed for hard materials. Available Grits 60, 120 and 200.

- High stock removal with good finish
- Works on ceramic glass
- Reduces work time
- Works on flat or curved parts

Grits	Diameter	Wet/Dry Cutting	Max Speed
Green 60 grit	4 1/2"	Wet or Dry	10,500 rpm
Black 120 grit	4 1/2"	Wet Or Dry	10,500 rpm
Red 200 grit	4 1/2"	Wet or Dry	10,500 rpm

Certification  
Link



Video Link



### Material

- Dekton®
- Neolith®
- Lapitec®
- Porcelain
- Engineered

### Equipment

- Hand Grinder

### Usage

- Wet or Dry

SPECIFIED  
BY  
DEKTON®



## Vacuum Brazed Cup Wheels

Premium quality vacuum brazed diamond grinding cup wheels for porcelain, engineered stone, and other composite materials. High performance and long tool life.

- Advanced vacuum brazing technology
- Most aggressive with #25/30 Grit Grade A diamond
- Great for porcelain
- 5/8 in-11 thread fits on most angle grinder

### Material

- Dekton®
- Neolith®
- Engineered
- Porcelain

### Equipment

- Hand Grinder

### Usage

- Wet or Dry

# HOW DO I POLISH WITH MY HAND GRINDER?



## KGS Swiflex® SDA Diamond Pads

The KGS Swiflex® SDA technology uses a proprietary manufacturing processes to optimize the efficiency of diamond in grinding & polishing applications. Designed for wet and dry use. Very flexible and great for polishing curves while achieving the highest quality gloss and polish. Excellent for porcelain, especially light colored materials. Available grits: 60,120, 200, 400, 800, 1500 & 3000



Video Link



## ALPHA Ceramica EX Polishing Pads

These pads work extremely well on all porcelain, natural and engineered stone. Produces a high quality shine on porcelain and granite, engineered stone, quartz surfaces, marble, terrazzo and porcelain tile slabs. Extremely flexible and great for polishing inside corners and tight radius. Available grits: 200, 500, 1000, 2000 and 3000.



## MILLENNIUM DIAMOND Ceramic Polishing Pads

Millennium Diamond Ceramic pads for polishing Porcelain, Engineered Stone, Quartz and other natural stone materials. Highest quality gloss finish. Supreme flexibility and great for polishing inside curves and rounded edges. Available grits: 200, 500, 1000, 2000 and 3000.



# HOW DO I GLUE THE MATERIAL?



## AKEMI Akepox 5010 Adhesive

**AKEMI®**

Akemi Akepox 5010 Transparent White - Gel-like, 2-component 100% epoxy construction adhesive, only slight tendency to discolor, ideal for coloring, free of solvents, weather-resistant.

For joints indoors and outdoors - particularly where they are visible -, ideal for Ceramic, porcelain and natural material where strong bonding is needed. Great for white and light- colored material.

Mixing ratio 2:1



## AKEMI Platinum Premium Adhesive

Akemi Platinum Epoxy Acrylate Adhesive is an epoxyacrylate blended adhesive. Lighter in color than standard polyesters. Up to 50 percent stronger, UV resistance, and very fast curing. Cures in under 20 minutes. Can be pigmented to match very light colors where standard polyesters are yellow, when you add the hardener.

Mixing ratio 100:1



## AKEMI Colour Bond Epoxyacrylate Adhesive

Akemi ColourBond is a 2-component adhesive cartridge based on epoxyacrylate is best suitable for bonding Ceramics, Porcelains, Quartz surfaces and natural stone materials).Pre-coloured, gel-like 2-component epoxy-acrylate-based adhesive in different colours, high bonding power, very fast surface drying and processability. For the fast, simple and reliable attainment of invisible joints for Ceramics, Porcelain, Quartz surfaces and natural stone. More than 50 Colour Bond colours offered.

Requires dispensing Gun

Mixing Ratio 10:1



# WHAT DO I NEED TO WORK MY CUTTING & PROCESSING?

**NEW!**



## RUBI Slab Table Workbench

Workbench for cutting and handling large-format ceramic sheets using the tools of the Slab System range. The extra reinforced aluminum bars give the SLAB TABLE a high rigidity and great stability. Giving it a maximum load capacity of up to 250kg.



- Easy fix joining system making assembly fast and easy
- 5 bars spacing made of aluminum allowing drilling and cutting
- Rubber bumpers and folding legs
- Combine more than one

Video Link



## RAIMONDI Modular Working Bench

Designed for cutting and processing large format slabs. Provided with adjustable aluminum profiles to avoid interfering with diamond disc blades when cutting tiles/slabs with a grinder or drilling holes. Provided with special connection devices to join multiple benches.



- Easy to set up
- Anodized aluminum guarantees sturdiness
- Adjustable legs with rubber feet
- Foldable for easy transport

Video Link



# HOW DO I CUT 6mm, 9mm OR 10mm MATERIAL?

## RAIMONDI Raizor Cutting System



The perfect system for large format tiles. The cutting unit comes in two 5.2 ft. cutting units and cut-off pliers. The Raizor comes equipped with suction cups to prevent any movement during cutting. An all new re-designed handles that have complete cutting clearance.



- Two 5.2 ft. connecting guides made from sturdy aluminum
- Equipped with suction cups to prevent movement when cutting for maximum precision
- Handles on suction cups rotate 180 degrees for no collision during the cutting process
- Up to 10mm Thickness

Video Link



## RUBI TC-125 Slab Cutting System



Rubi TC-125 hand-held, circular saw is the perfect tool for cutting all kinds of ceramic tiles, large ceramic sheets, natural stone and sintered stone. Equipped with a vacuum port and water feed system, this versatile saw can cut either wet or dry and is best used with the Rubi's slab cutting system for large format tile.



- Precise cutting
- Double reduction system / dust control
- Equipped with carbon steel sliding skids
- Adjustable cutting head & foldable from 0° - 45°
- Suitable for dry or wet cutting
- Works on Thin & Thick Slabs

Video Link





## RUBI Slim System Cutter Tile Cutter

The Rubi Slim System Cutter is a manual cutting system for hand cutting large format porcelain tiles with thicknesses between 1/8" and 11/32" (3-8 mm). Includes three aluminum extensions that easily plug together allowing you to cut tiles up to 10 ft. long.



- Designed for stairs & countertops
- Allows the user to see the corner
- No tile length limit, makes it perfect for large format tiles
- Suitable for corner bonding

Video Link



## WHAT IF I NEED TO MAKE MITER OR BEVELE CUTS?

### ALPHA Beveling Base Starter Kit System

Perfect on all materials Including Sintered Slabs and Thin Porcelain Panels. Precision grinding for perfect mitered edge for lamination. High-Quality polishing results. Designed to fit various Polishers, Sanders and Variable-Speed Grinders with a 5/8" - 11 Spindle. Exterior Water-Feed System Included.



- Precise edge whether mitered, beveled or straight
- Beveling angle 15° - 45°
- Maximum Straight Angle 90°
- Two connectable guides, length 5.2 ft
- Spindle 5/8-11
- Works on Thin & Thick Slabs

Video Link



# MORE TOOLS TO CUT & INSTALL?

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## RUBI TX-Max Tile Cutters

The TX-MAX cutters allow easy and quick execution of angular cuts from 0° to 45°, especially in porcelain stoneware tiles. Perfect for intensive cutting of all types of ceramic tiles. Equipped with 2 supplementary arms, for large format tiles.



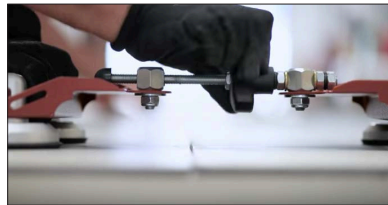
- High separation power, operable with only 1 hand
- Reinforced components, high robustness
- Tubular steel guides & aluminum slides
- Galvanized steel floating table

Video Link



## RAIMONDI Closer Tile Aligner

The Raimondi Closer Device is designed to close the gap between tiles when installing on walls and floors, after the setting adhesive has been applied. Perfect for large format tiles. Each of the suction entities grip onto a different tile and with the use of the knob the closer aligns and brings the two large format tiles together.



- Makes installing easier for large format
- 6 suction cups
- Easy adjustments positions
- Special knob for accuracy

Video Link





# HOW DO I SEPARATE THE SLAB CUT?



## RUBI Slim Separator

- To separate thickness of 8mm or more
- Auxiliary breaker for the cut of slim porcelain slabs or large tiles



Video Link



## MONTOLIT 56RJ Dual Splitting System

- Special splitting device operated by screw action for the separation of the slabs.



# WHAT IF I NEED TO PUT THE MITERS TOGETHER?



## RAIMONDI Tip Top Face-Up Miter Clamping

Face-up miter clamping devices designed to work with fully visibility of the corner on tiles and stones of any length. It allows the user to see the corner with no need to bend. Independent double micrometric adjustments (vertical-up and down / horizontal-back and forward) allows to easily create the perfect corner.



- Designed for stairs & countertops
- Allows the user to see the corner
- No tile length limit, makes it perfect for large format tiles
- Suitable for corner bonding

Video Link



# WHAT IF I NEED TO MOVE THE BIG PANELS?

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## RAIMONDI Easy-Move Vacuum Frame

The Easy-Move MKIII with vacuum suction cups is an adjustable extension device for handling large format tiles up to 320cm in length. Made up of two pairs of aluminum profiles connected to each other so that they can slide one over the other. Available with both crossbars (8 suction cups in total) and without crossbars (6 suction cups in total).



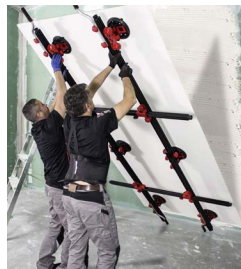
- Lightweight & easy to transport large slabs
- Two pairs, Aluminum profile
- Equipped with “vacuum” pump suction cups
- Maximum slab length 10.5’
- Available with crossbars or without

Video Link



## RUBI Slab Trans Heavy Duty

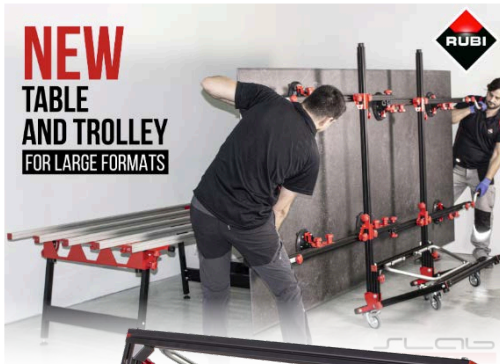
The SLAB TRANS HEAVY DUTY conveyor is specially designed for the handling of ceramic sheets and large format tiles up to 320 cm long and can be used as a complement to the SLIM CUTTER and TC-125 cutting systems.



- 6 vacuum cups for any type surface
- Equipped with a set of perpendicular crossbars
- Two retractable perpendicular aluminum guides

Video Link





**NEW!**

## RUBI Slab Trolley Transport

Transport and maneuvering system for large-format sheets. Especially indicated for the handling of tiles with thickness from 6mm. Rubi Slab Trolley, incorporates an extendable arm to facilitate the maneuver of loading and unloading of the large format sheets to the work table.

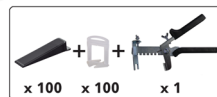


- Easy fix joining system making assembly fast and easy
- Light, compact and reinforced aluminum
- 360° rotating wheels with stop and fix braking
- Rubber bumpers

Video Link



## HOW DO I ENSURE PERFECT INSTALLATION?



## RUBI Delta Leveling System

Save time in installing large format tiles, particularly in rectified porcelain tiles, as well as to ensure perfect installation and leveling with any material and dimensions.

Prevents the movement of the tiles during the setting of the adhesive and, during installation, the number of corrections in the position of the ceramic tile itself is reduced.



- Kit consist of 1 pliers, 100 strips and 100 reusable wedges
- 6 positions height adjustment according to the thickness
- 3mm strip for tiles 1/4" to 19/32"

Video Link





**HARDROCK**  
TOOLS FOR STONE, TILE & CONCRETE

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