



## **"AMERICAN MADE TOOLS AND EQUIPMENT"**

The Kut-Rite line of scarifiers, grinders and Edge Grinders are proudly made in the USA. Our 45,000 square feet of engineering and manufacturing allow us to control designs and production to the highest standard of quality. We invite you to call and request a tour of our facility next time you are in the Detroit area.



**[www.kutritemfg.com](http://www.kutritemfg.com)**

# What is "Polished Concrete"?

Polished concrete has made a tremendous growth over the past decade and Kut-Rite Manufacturing has been a vital part in the manufacturing of the craftsmen's tools. Kut-Rite has been providing unique, cutting edge diamond tooling and state of the art grinder/polisher development for the same amount of time. As the concrete polishing industry gets stronger, we get stronger. We strive on our ability to offer our customers solutions and knowledge with a very experienced sales staff. Our sales staff is "real world certified", with years of polishing and floor preparation completed.



## What is polished concrete?

Polished concrete is the result of taking what is a traditional building product and making it a very attractive floor finish. The wide spectrum of varying color choices make it very fashionable for residential settings. Commercial and Industrial polished concrete can be a matter of fashion as well as function. Concrete goes through a process and honing, using very aggressive equipment and diamond tooling. The use of concrete hardener enables the concrete to chemically alter itself into a much more dense and liquid resistant surface. With the scratches mechanically driven into the surface each subsequent step of diamond abrasive yields a mirror finish on the surface of the slab. The end result is up to the owner and the responsibility to produce the end result is up to a qualified operator of the equipment. A true polished concrete floor done with quality equipment, state of the art diamond tooling and a mechanic with a craftsman touch, can last many years.

## Why polish concrete?

One of the advantages in concrete polishing is the true cost saving factor. Often times the concrete that has years of old and otherwise failing floor covering can be turned into an attractive functional floor. The total life, with proper maintenance, will outlast other flooring options such as VCT (vinyl composition tile), ceramic tile, sheet goods and hardwood flooring, just to name a few. Polished concrete is also very easy to maintain. The most often misunderstood aspect of polished concrete is that it is maintenance free, this is not the case. Concrete that has been polished still needs the attention that all other flooring gets, but on a much smaller and less expensive scale. With clean water and neutral pH cleaner, concrete polished flooring will last for years to come. Polished concrete is a true mechanical process which does not have a film forming membrane and should not be confused with sealed concrete. It is true that the floor will resist many things that it will encounter, but the performance, looks, longevity and cost saving make it a very good option for any flooring needs.



## Is polished concrete safe?

Safety is also a tremendous advantage to having concrete floors polished. When processed correctly the floors become dust free and will not flake or delaminate emitting air borne particles in the home, school, store or factory thus helping produce clean air for a safer environment. Concrete polished floors are also OSHO compliant and are LEED and GREEN certified.

# CONQUER<sup>25</sup>

With nearly 500lbs of muscle, the Conquer25 Grinder/Polisher incorporates a dual phase 7.5hp motor and a 25" grinding path. The Conquer25 is more than just a machine, it's a system. The Conquer 25 features the Magnetic Quick Disconnect (QD) tool mounting system and the user friendly "tilt back" design grinder head, for kwik, safe and easy tool changes.



<b>Machine Model</b>	Conquer25
<b>Part Number</b>	KRMCCONQUER25
<b>Power</b>	7.5HP, 220V 1/3PH
<b>Grinding Path</b>	25"

## Magnetic Quick Disconnect (QD) Tooling



Kut-Rite's new Magnetic Quick Disconnect tool mounting design is redefining how diamond tools are mounted. The QD system incorporates two locating pins, for precise tool positioning and the use of powerful neodymium rare earth "super magnets" to hold the tools in place. The result of this combination produces a tool system that allows kwik and precise placing of tools for smooth running, holding power that virtually eliminates tool kick out during operation and extremely fast removal/insertion time.



## Belt Drive System

The Conquer machines are equipped with a unique drive system for maximum torque. The Serpentine belt provides up to 70% contact with the drive pulley and more than 50% contact with the spindle pulleys. What this translates to for the end user is NON-STOP POWER and TORQUE!! The belt is easily removed in minutes not hours.



# CONQUER<sup>20</sup>

The Conquer 20™ Grinder/Polisher is equipped with a sturdy, well balanced chassis and a powerful 5 HP cast iron motor that provides the floor flattening capabilities of larger machines, while allowing the maneuverability of a smaller foot print.

The Conquer 20 is available in two models; the economical single speed version to fit the budget of most residential/light commercial contractors and a more versatile variable speed model for the larger contractor's that are needing versatility and have a heavy focus on polishing.

The Conquer 20 is fitted with the Magnetic Quick Disconnect (QD) Tooling for fast and easy tool changing and durability on the jobsite.



<b>Machine Model</b>	Conquer20 VS
<b>Part Number</b>	KRMCCONQUER20VSW
<b>Power</b>	5HP, 220V 1PH
<b>Grinding Path</b>	20"

<b>Machine Model</b>	Conquer20 SS
<b>Part Number</b>	KRMCCONQUER20SPW
<b>Power</b>	5HP 220V 1PH
<b>Grinding Path</b>	20"

## Magnetic Quick Disconnect (QD) Tooling



Kut-Rite's new Magnetic Quick Disconnect tool mounting design is redefining how diamond tools are mounted. The QD system incorporates two locating pins, for precise tool positioning and the use of powerful neodymium rare earth "super magnets" to hold the tools in place. The result of this combination produces a tool system that allows kwik and precise placing of tools for smooth running, holding power that virtually eliminates tool kick out during operation and extremely fast removal/insertion time.



## Belt Drive System

The Conquer machines are equipped with a unique drive system for maximum torque. The Serpentine belt coupled with the exclusive horse shoe tensioner provides up to 70% contact with the drive pulley and more than 50% contact with the spindle pulleys. What this translates to for the end user is **NON-STOP POWER and TORQUE!!** The belt is easily removed in minutes not hours.



# EDGEKUTTER

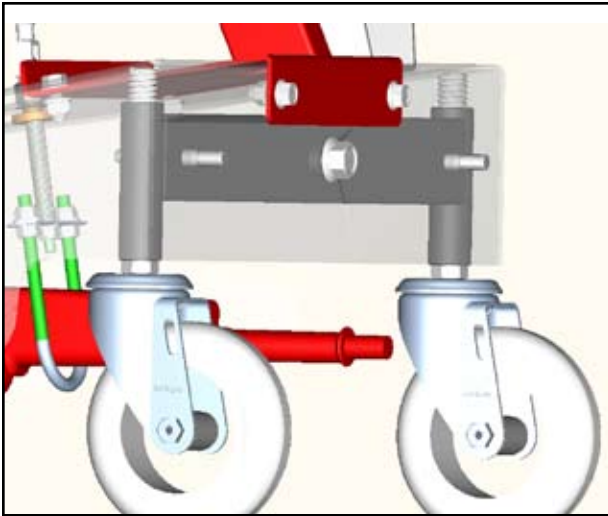
## Kut to the edge.

The EDGEKutter™ is a tool specifically developed for precision grinding and polishing of concrete, stone and wood surfaces. It incorporates the KR7 EDGEKutter dust shroud that enables virtually dust free operation with the use of an adequate vacuum system. Grind, sand and polish right up the EDGE of any obstruction without changing a thing.



<b>Machine Model</b>	EDGEKutter Grinder
<b>Part Number</b>	600000G
<b>Power</b>	120V 6000 RPM
<b>Grinding Path</b>	7"

<b>Machine Model</b>	EDGEKutter Polisher
<b>Part Number</b>	600000P
<b>Power</b>	120V 0-1750 RPM
<b>Grinding Path</b>	7"

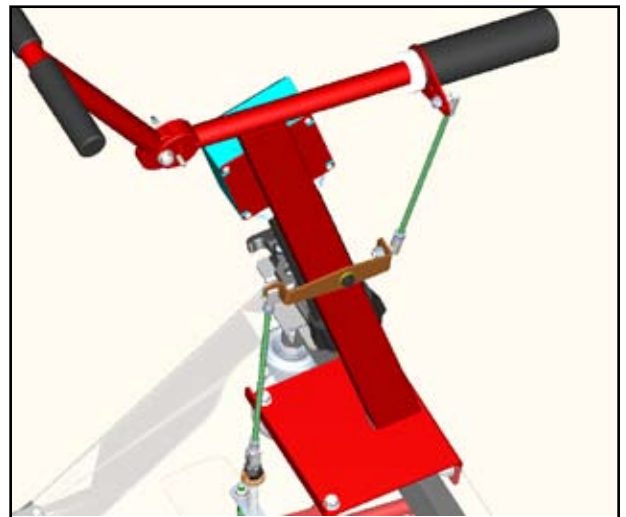


## Rocker Pivot Suspension

The EDGEKutter floats over the surface gracefully creating a consistent scratch in the surface. The rocker pivot suspension enables the EDGEKutter to maneuver over undulations in the floor while maintaining flat and even contact between the abrasive wheel and the surface.

## Tension Throttle

Adding the superior control is the unique spring loaded tension throttle that lifts the handle of the angle grinder/polisher and provides the control and feel required to grind, polish or sand.



# Conquer Accessories



## Magnetic Hook & Loop Pucks

Part #	Description	Size
KRMCCON25MVPP	Conquer Magnetic Hook & Loop Puck Plate	3"



## Hook & Loop 8" Plates

Part #	Description	Size
KRMCCON25FVP	Conquer Full Hook & Loop Driver Plate	8"



## Conquer Grinding Weights

Part #	Description	Weight
5931-0209	Conquer25 Grinding Weight	50lbs.
5921-0209	Conquer20 Grinding Weight	32lbs.



## Conquer Pigtail

Part #	Description	Power
KRMC220-3-1	Pigtail Plug - 220V 3PH to Single Phase	3PH-1PH



## Magnetic Scraper Plate

Part #	Description	Size
KRMCCON25SP	Conquer25 Magnetic Carbide Scraper Plate	8"

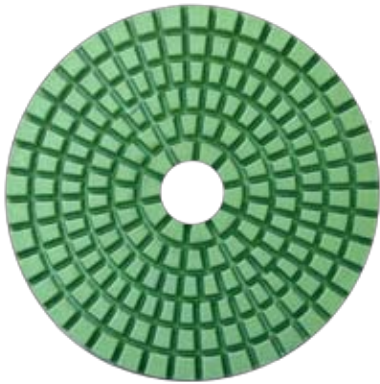


## Magnetic PCD Plate

Part #	Description	Size
KRMCCON25SP	Conquer25 Magnetic PCD Plate	8"

# POLISHING PADS

## KR SPEED



Part #	Description	Grit
KRMCDL30030	KR SPEED - 3" Polishing Pad	30
KRMCDL30050	KR SPEED - 3" Polishing Pad	50
KRMCDL30100	KR SPEED - 3" Polishing Pad	100
KRMCDL30200	KR SPEED - 3" Polishing Pad	200
KRMCDL30400	KR SPEED - 3" Polishing Pad	400
KRMCDL30800	KR SPEED - 3" Polishing Pad	800
KRMCDL31500	KR SPEED - 3" Polishing Pad	1500
KRMCDL33000	KR SPEED - 3" Polishing Pad	3000

## KR PRO



Part #	Description	Grit
KRMCKC30050	KR PRO - 3" Polishing Pad	50
KRMCKC30100	KR PRO - 3" Polishing Pad	100
KRMCKC30200	KR PRO - 3" Polishing Pad	200
KRMCKC30400	KR PRO - 3" Polishing Pad	400
KRMCKC30800	KR PRO - 3" Polishing Pad	800
KRMCKC31800	KR PRO - 3" Polishing Pad	1800
KRMCKC33500	KR PRO - 3" Polishing Pad	3500

## KR REV



Part #	Description	Grit
KRREV30050	KR REV - 3" Polishing Pad	50
KRREV30100	KR REV - 3" Polishing Pad	100
KRREV30200	KR REV - 3" Polishing Pad	200
KRREV30400	KR REV - 3" Polishing Pad	400
KRREV30800	KR REV - 3" Polishing Pad	800
KRREV31500	KR REV - 3" Polishing Pad	1500
KRREV33000	KR REV - 3" Polishing Pad	3000

## KR SIGNATURE SERIES



Part #	Description	Grit
KRSTFPPIR2003	KR SIGNATURE SERIES - 3" Polishing Pad	#3
KRSTFPPIR2004	KR SIGNATURE SERIES - 3" Polishing Pad	#4
KRSTFPPIR2005	KR SIGNATURE SERIES - 3" Polishing Pad	#5
KRSTFPPIR2006	KR SIGNATURE SERIES - 3" Polishing Pad	#6
KRSTFPPIR2007	KR SIGNATURE SERIES - 3" Polishing Pad	#7
KRSTFPPIR2008	KR SIGNATURE SERIES - 3" Polishing Pad	#8
KRSTFPPIR200LUX	KR SIGNATURE SERIES - 3" Polishing Pad	#9LUX

# POLISHING PADS

## KR RESCUE



Part #	Description	Grit
KRSTFPLUX30050	KR RESCUE - 3" Copper Bond Pad	50
KRSTFPLUX30100	KR RESCUE - 3" Copper Bond Pad	100

## KR REZ-MET



Part #	Description	Grit
KR030E31000030	3" Rez-Met Diamond, 30G	30
KR030E31000050	3" Rez-Met Diamond, 50G	50
KR030E310000100	3" Rez-Met Diamond, 100G	100

## Vision Terrazzo Pads



Part #	Description	Grit
KRMCT80030	Vision Terrazzo Pad - 8" Copper Bond Pad	30
KRMCT80050	Vision Terrazzo Pad - 8" Copper Bond Pad	50
KRMCT80100	Vision Terrazzo Pad - 8" Copper Bond Pad	100
KRMCT80200	Vision Terrazzo Pad - 8" Copper Bond Pad	200
KRMCCR80400L	Vision Terrazzo Pad - 8" Dry Polishing Pad	400L
KRMCCR80800L	Vision Terrazzo Pad - 8" Dry Polishing Pad	800L
KRMCCR81800L	Vision Terrazzo Pad - 8" Dry Polishing Pad	1800L
KRMCCR83000L	Vision Terrazzo Pad - 8" Dry Polishing Pad	3000L
KRMCET80400	Vesion Terrazzo Pad - 8" Wet Polishing Pad	400
KRMCET80800	Vesion Terrazzo Pad - 8" Wet Polishing Pad	800
KRMCET81800	Vesion Terrazzo Pad - 8" Wet Polishing Pad	1800
KRMCET83000	Vesion Terrazzo Pad - 8" Wet Polishing Pad	3000

## Buff-X Pads



Part #	Description	Grit
KRMCSBUFF3X	Buff-X Pad - 3" Finish Pad	Buff Pads

# METAL BONDS

## 10-Segment Disc



Part #	Description	Grit
KRTST1030016	10 Segment Disc - 3" Beveled Metal Bond	16
KRTST1030030	10 Segment Disc - 3" Beveled Metal Bond	30
KRTST1030070	10 Segment Disc - 3" Beveled Metal Bond	70
KRTST1030120	10 Segment Disc - 3" Beveled Metal Bond	120

## BEVELKUT™ Diamonds



Part #	Description	Grit
KRMCK3ST030	BevelKut™ - 3 Segment Metal Bond	30
KRMCK3ST070	BevelKut™ - 3 Segment Metal Bond	70
KRMCK3ST120	BevelKut™ - 3 Segment Metal Bond	120

## Double Segments



Part #	Description	Grit
KRC0006	Double Segment - Metal Bond Trapezoid Plate	6
KRC0016	Double Segment - Metal Bond Trapezoid Plate	16
KRC0025	Double Segment - Metal Bond Trapezoid Plate	25/30
KRC0040	Double Segment - Metal Bond Trapezoid Plate	40/50
KRC0080	Double Segment - Metal Bond Trapezoid Plate	80
KRC00150	Double Segment - Metal Bond Trapezoid Plate	150

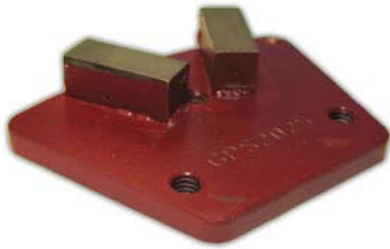
## Single Segments



Part #	Description	Grit
KRSSP006	Single Segment - Metal Bond Trapezoid Plate	6
KRSSP016	Single Segment - Metal Bond Trapezoid Plate	16
KRSSP025	Single Segment - Metal Bond Trapezoid Plate	25
KRSSP040	Single Segment - Metal Bond Trapezoid Plate	40
KRSSP080	Single Segment - Metal Bond Trapezoid Plate	80
KRSSP150	Single Segment - Metal Bond Trapezoid Plate	150

# METAL BONDS

## PREMIUM REDS



Part #	Description	Grit
KR-PRED25	Premium Reds - Double Segment Metal Bond	25

## Parallel Reds



Part #	Description	Grit
KRMCMAGPRD	Parallel Prem. Reds - Double Segment Magnetic	25g

# REMOVAL TOOLS

## Bi-Directional PCD



Part #	Description	Depth Range
KRMCBIPCD	Bi-Directional PCD Plate (3 bolt style)	1.5, 3.75, 6mm
KR.16.20.24PCDB	Bi-Directional PCD Insert	PCD Insert Only
KR.16.20.24PCDB	Bi-Directional Carbide Insert	Carbide Insert

## Carbide Squares

DIAMOND INFORMATION HERE



Part #	Description	Size
KR-750	Carbide Scraper Squares	3/4" x 3/4"
KR-100	Carbide Scraper Squares	1" x 1"

# EDGING TOOLS

## EDGEKutter™ Rings



Part #	Description	Grit
KRGLX70030	EDGEKutter™ - 7" Hybrid Polishing Ring	30
KRGLX70050	EDGEKutter™ - 7" Hybrid Polishing Ring	50
KRGLX70100	EDGEKutter™ - 7" Hybrid Polishing Ring	100
KRXRC70030	EDGEKutter™ - 7" Dry Polishing Polishing Ring	30
KRXRC70050	EDGEKutter™ - 7" Dry Polishing Polishing Ring	50
KRXRC70100	EDGEKutter™ - 7" Dry Polishing Polishing Ring	100
KRXRC70200	EDGEKutter™ - 7" Dry Polishing Polishing Ring	200
KRXRC70400	EDGEKutter™ - 7" Dry Polishing Polishing Ring	400
KRXRC70800	EDGEKutter™ - 7" Dry Polishing Polishing Ring	800
KRXRC71500	EDGEKutter™ - 7" Dry Polishing Polishing Ring	1500
KRXRC7300	EDGEKutter™ - 7" Dry Polishing Polishing Ring	3000

## MetalEDGE™ Rings



Part #	Description	Grit
KRMPC7-E30S	MetalEDGE™ - 7" Edging Ring	30
KRMPC7-E60S	MetalEDGE™ - 7" Edging Ring	60
KRMPC7-C150S	MetalEDGE™ - 7" Edging Ring	150

## PCD Cup Wheels



Part #	Description	Segments	Bore Type
PCS180.6.58	7" PCD Cup Wheel	6	5/8-11 Threaded
PCS180.12.58	7" PCD Cup Wheel	12	5/8-11 Threaded
PCS192.12.78	7" PCD Cup Wheel	12	7/8"
PCS180.18.58	7" PCD Cup Wheel	18	5/8-11 Threaded
PCS180.18.78	7" PCD Cup Wheel	18	7/8"
KRBKPCD1274.58	5" PCD Cup Wheel	4	5/8-11 Threaded
KRBKPCD1274.78	5" PCD Cup Wheel	4	7/8"

# KR Scarifiers



The Kut-Rite KR6 6" Concrete Scarifier is a light weight tool that every contractor should have in the tool box. Consider the KR6 for light duty surface preparation, removal of paints, thin mil coatings, carpet and tile mastic, etc.

<b>Machine Model</b>	KR6E1.5
<b>Part Number</b>	9999.06.00.01
<b>Power</b>	1.5HP, 120 1PH 17.2FLA
<b>Grinding Path</b>	6"



The Kut-Rite KR8 Scarifier is a very versatile tool. With 160 pounds of centrally located quality engineering, the KR8 will not jump out of the cut. The KR8 Scarifier is arguably the most stable, sturdy and well balanced 8" machine on the market. Consider the KR8 for general duty surface preparation, removal of concrete, thermo-plastic lines, paints, thin mil coatings, trowel marks, curled joints. sidewalk trip hazards, etc.

<b>Machine Model</b>	KR8HDG
<b>Part Number</b>	9999.08.00.00
<b>Power</b>	Honda 5.5HP
<b>Grinding Path</b>	8"

<b>Machine Model</b>	KR8HDE
<b>Part Number</b>	9999.08.00.2006E
<b>Power</b>	2HP, 120 1PH 24.8FLA
<b>Grinding Path</b>	8"

# KR Scarifiers



The Kut-Rite KR10 Scarifier is the picture of innovation. With 300 pounds of centrally located quality engineering, the KR10 will not jump out of the cut. Consider the KR10 scarifier for heavy duty surface preparation, heavy removal of concrete, asphalt, thermo-plastic lines, paints, coatings, trowel marks, curled joints, sidewalk trip hazards, etc..

<b>Machine Model</b>	KR10G
<b>Part Number</b>	9999.00.10.00
<b>Power</b>	Honda 9HP*
<b>Grinding Path</b>	10"

\*Also available in 11HP

<b>Machine Model</b>	KR10
<b>Part Number</b>	9999.00.10.01 240
<b>Power</b>	240, 1PH 13FLA
<b>Grinding Path</b>	10"



The Kut-Rite KR13 13" Concrete Scarifier is the epitome of Heavy Duty. With over 400 pounds of centrally located quality engineering, the KR13 will not jump out of the cut. Consider the KR13 scarifier for heavy duty surface preparation, heavy removal of concrete, asphalt, thermo-plastic lines, paints, coatings, trowel marks, curled joints, sidewalk trip hazards, etc.

<b>Machine Model</b>	KR13G
<b>Part Number</b>	9999.01.00.13.115
<b>Power</b>	Honda 11HP*
<b>Grinding Path</b>	13"

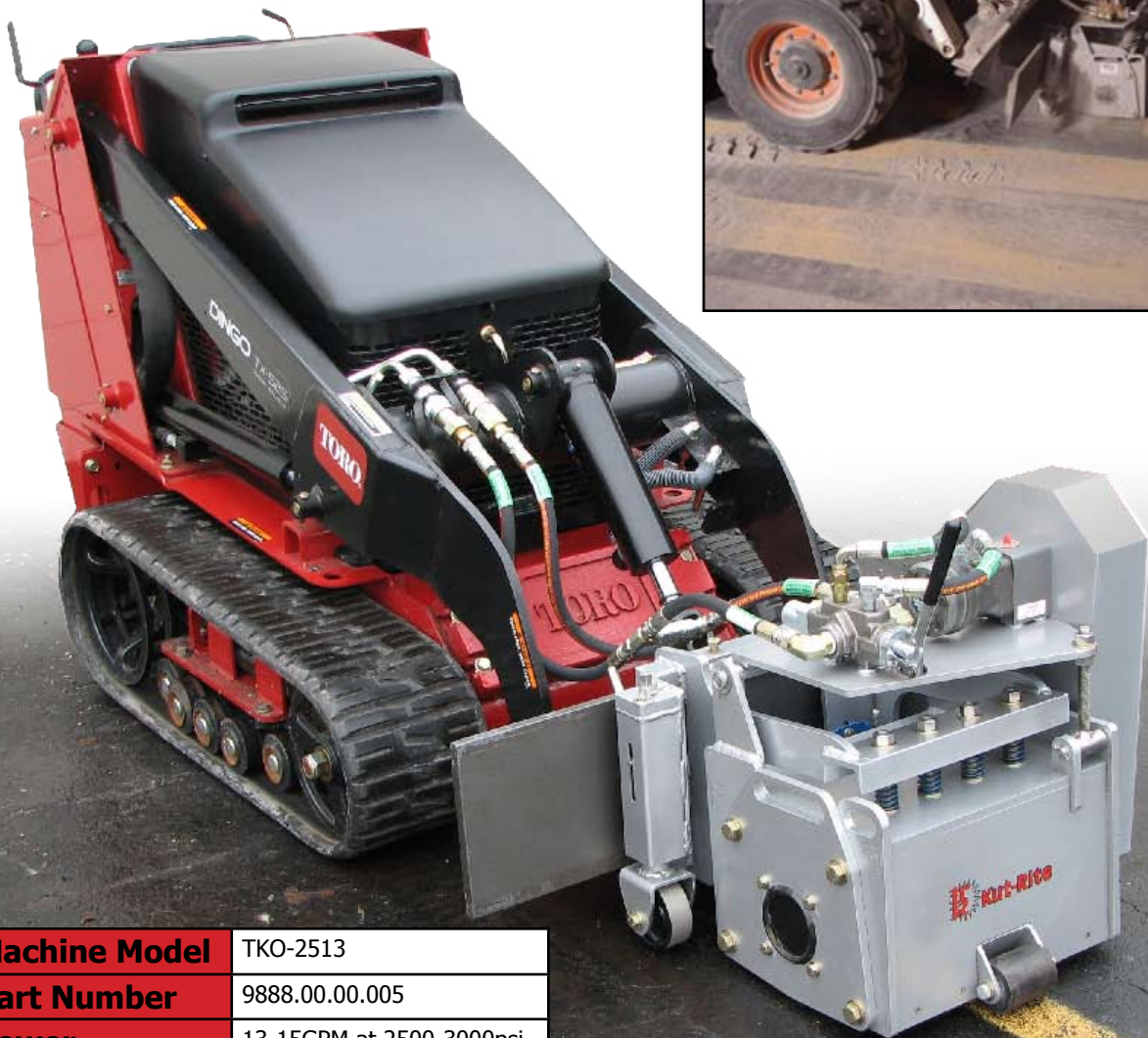
\*Also available in 13HP

<b>Machine Model</b>	KR13E
<b>Part Number</b>	9999.02.00.13
<b>Power</b>	5HP, 240 1PH 13FLA
<b>Grinding Path</b>	13"

# KR Scarifiers

## TKO-2513 Hydraulic Scarifier Attachment

The Kut-Rite TKO-2513 Scarifier / Planer Attachment is the most powerful scarifier / planer in its class. In combination with a skid steer machine, the TKO-2513 Scarifier / Planer Attachment weighs in at over 400 pounds and is equipped with a heavy duty bi-directional hydraulic motor. Consider the TKO-2513 Scarifier / Planer for extremely fast surface preparation, heavy removal of concrete, asphalt, thermoplastic lines, paints, coatings, trowel marks, curled joints, sidewalk trip hazards, etc..



<b>Machine Model</b>	TKO-2513
<b>Part Number</b>	9888.00.00.005
<b>Power</b>	13-15GPM at 2500-3000psi
<b>Grinding Path</b>	13"