

MK Diamond Products, Inc.

- **TILE/STONE**
- **MASONRY**
- **CORING**
- **CONCRETE**
- **FLOOR PREP**
- **DIAMOND BLADES**

INTERACTIVE NAVIGATION

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Each page number is a
link to that section



TABS on the side of the pages -
Links to that category

MK LOGO at the bottom of pages -
Returns to the TABLE OF CONTENTS



An American, family-owned company since 1868

AFFILIATIONS MK Diamond is proud to be a member of the following organizations:



American Rental Association
Associate Member



California Rental Association



Tile Council of North America, Inc.



National Tile
Contractors Association



Specialty Tools & Fasteners
Distributors Association

ICONS Symbol Guide



WET
CUTTING



DRY
CUTTING



HANDHELD
SAW



TILE SAW



HAND
GRINDER/
POLISHER



HAND
DRILL



BRIDGE
SAW



MASONRY
SAW



BLOCK
SAW



CUTOFF
SAW



CONCRETE
SAW



SURFACE
GRINDER



CORE RIG


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2022 Catalog Part# 165648 (11/22)

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Warnings apply to equipment and diamond products in this catalog:

 **WARNING:** This product can expose you to chemicals including nickel and crystalline silica, which are known to the State of California to cause cancer.

For more information go to www.p65warnings.ca.gov

 **WARNING:** This equipment contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals are contained in various components, fluids and paint, including but not limited to, fuel, oil, electric motors and batteries. In addition, gasoline/diesel powered equipment emits engine exhaust and fumes, and when serviced, cleaned or maintained generate used oil, waste fluids, fumes, grease, grime and particulates from component wear and silica dust which contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to www.p65warnings.ca.gov

 **WARNING:** Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system.
- Do not idle the engine except as necessary.

For more information go to www.p65warnings.ca.gov/products/diesel

Diesel engines only.

MK Diamond History



Since 1868, MK Diamond Products has been an American, family-owned and operated company. Our earliest roots from the late 19th century gave us an artisan's foundation in quality craftsmanship. "Our family business was started in San Francisco in 1868 by Joseph Musto, a fifth-generation Italian stone-cutter. Musto, whose ancestors were master craftsmen, brought the skills of his forefathers to his new home in America and established the Musto Steam Marble Mill. The trademark of the business was its pledge to quality work and service. The Musto family believed that good enough was never really good enough," stated Robert J. Delahaut, President of MK Diamond Products, Inc.

In 1919 Joseph's son Clarence relocated the company to Los Angeles. By 1949, the newly named Musto-Kennan Company had gained a reputation as a manufacturer of top-quality diamond tools to cut marble faster and more efficiently.



Robert J. Delahaut

Robert J. Delahaut's leadership began in 1977. He expanded the company by creating a line of precision power cutting tile saws that has grown to include masonry, concrete, and coring equipment. Now his son, vice President Brian Delahaut, continues the family tradition.

"After 150 years our company knows what makes a company endure – a reliable product, fair pricing, and honorable business practices. At MK Diamond we are constantly updating and improving our manufacturing plant, in Torrance, CA, to keep pace with the industry's changes and challenges. We provide innovation solutions in product design through advanced technology, pioneering materials and the exceptional workmanship of our highly-skilled employees which is a cornerstone in supporting the growth of our country's future economy," states Brian Delahaut .



Brian E. Delahaut

MK Diamond products not only provide contractors with superior, reliable products, but also support our nation's economy through manufacturing locally. Economists tell us for every 1 manufacturing job another 2-8 jobs are created. This helps to contribute to a more stable future for the entire country and boosts the American economy. MK Diamond takes pride in our nation and in our independence.

Today we are a force in the construction industry offering a premier product line with a reputation and commitment to manufacturing high quality equipment, made in the U.S.A. Now celebrating over 150 years, this American-owned company continues its long tradition of producing quality products that lead the industry.



Alaska	Costa Rica	Iraq	New Zealand	Singapore	Uruguay
Argentina	Colombia	Ireland	Norway	South Africa	Venezuela
Armenia	Denmark	Israel	Panama	Spain	Zimbabwe
Australia	England	Japan	Peru	Sweden	
Bahamas	Germany	Korea	Philippines	Switzerland	
Bermuda	Hawaii	Madagascar	Puerto Rico	Taiwan	
Canada	Hong Kong	Malaysia	Russia	Thailand	
Chile	Indonesia	Mexico	Saudi Arabia	United States	

Innovation

MK Diamond Products, Inc. has remained in the forefront of the marketplace by consistently engaging in product research and development. We continue to develop ways to improve worker safety through the development of equipment controls, noise and vibration reduction and silica dust suppression. We are constantly updating and improving all of our products with new technologies, materials and safety precautions.



MK Diamond now has a smart phone compatible QR code on all saws in the product line. If you or a user needs detailed information about procedures or troubleshooting, you may simply scan the QR code on the saw using your phone camera for instant access to the Owner’s Manual and Parts List section of the MK mobile website.

MK Diamond has a strong tradition of being a leader and innovator of products in the construction industry.



The MK Diamond catalog is divided by types of equipment – Tile & Stone, Lapidary, Masonry, Concrete, Coring, Floor Prep and Metal. Within each of these sections are blades and accessories.

Diamond Blade Selection

The most important consideration when selecting a diamond blade is to match the diamond blade to the application/material. Diamond blade requirements vary depending on frequency of use and the material being cut. For smaller jobs or occasional use, a standard blade may be suitable. For larger jobs or more regular use, the premium or supreme blade will actually be less expensive to use.

Diamond Blade Classifications

MK Diamond has four classifications of diamond blades.

- Standard Grade - Great value for contractors that do minimal sawing that want the advantages of a diamond blade.
- Premium Grade - Increased diamond quality makes the premium series more efficient. For contractors that demand fast-cutting and long life.
- Supreme Grade - The same great product as our Premium series only higher. The additional cuts of the supreme grade easily surpasses the additional cost.
- Professional Grade - A great combination of segment height and high diamond concentration make these blades the choice of professionals. The lowest cost per inch foot that money can buy.

In order to select the right diamond blade you need to determine a few important factors.

Questions to ask:

1. What type of material do you want to cut?
2. Wet or dry cutting?
3. What cutting length and depth?
4. What kind of equipment is being used?
5. How big is the job?

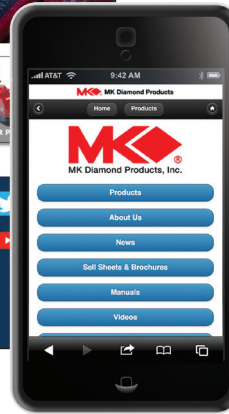
Online Tools at MKDiamond.com



The MK Diamond web site is your best resource. It has product information including specs on our complete line of equipment and diamond blades. Browse it for product videos, sell sheets for printing or emailing, and merchandising options.

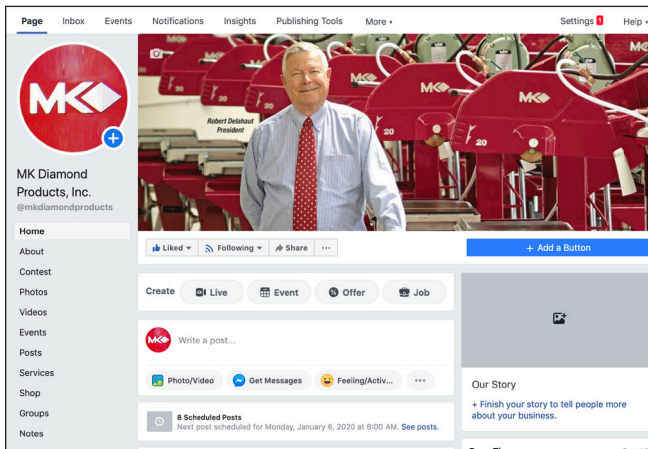


www.mkdiamond.com



The MK Diamond Mobile Web Site (mkdiamond.com/m/) provides smart phone access to product information, owner's manuals, contact information and more.

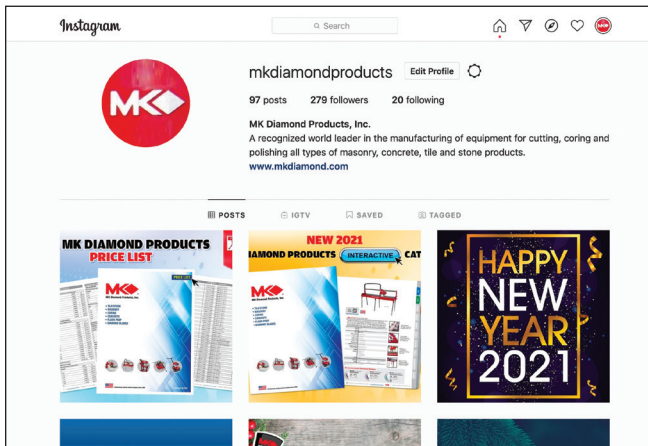
Also check us out on Facebook, Twitter, Instagram and YouTube for up-to-date information.



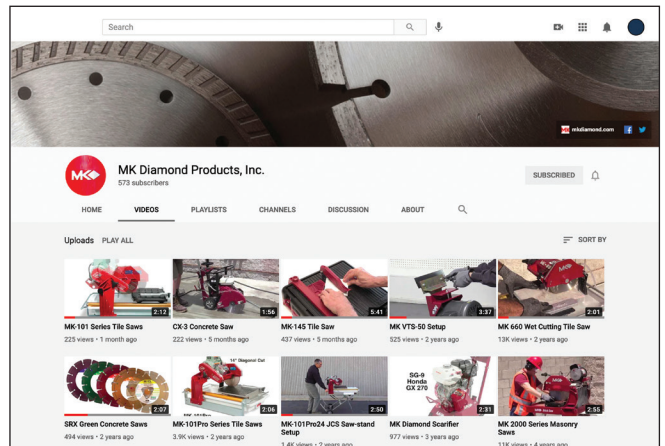
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www.instagram.com/mkdiamondproducts



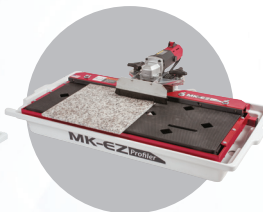
www.youtube.com/user/mkdiamondproducts



1.800.421.5830 TO ORDER

TILE/STONE

MK Diamond's line of tile saws and diamond blades have been designed for versatility, durability and precision cutting. Whether you are a Do-it-Yourselfer, Contractor or Tile Professional, MK Diamond has the tools to get the job done right.





Scan or
visit link
for video

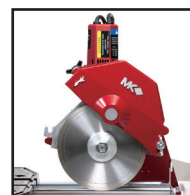


mkdiamond.com/mov/370exp.html

MK-370EXP™ 1-1/4 Hp, 7" Wet Cutting Tile Saw

The lightweight and portable MK-370EXP Tile Saw is made to the highest professional specifications. It features a built-in adjustable 45° cutting head that allows for quick and accurate miter cuts. One-year limited warranty.

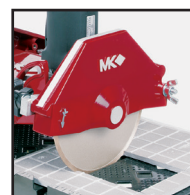
Motor	Electric		
Power	1-1/4 Hp, 120V		
Blade Capacity	7" (178 mm)		
Arbor Size	5/8" (16 mm)		
Depth of Cut	2" (51 mm)		
Depth of Cut at 45°	1-1/8" (32 mm)		
Length of Cut	18" (457 mm)		
Diagonally Cut	13" (330 mm)		
L x W x H (inches)	33" x 19" x 20"		
L x W x H (mm)	838 x 483 x 508		
Weight	33 lbs. (15 kg)		
Includes	<ul style="list-style-type: none"> • 7" Wet Cutting Diamond Blade • Water Pump • Rip Guide 		
Part#	159943		
Optional	Stand	Cutting Kit	GFCI
Part#	160131-MK	155954	152610



Hinged blade guard for easy blade changes and maintenance inspection



Built-in 45° miter system



Plunge capability makes cutting outlets and other openings quick and easy



MK-101



MK-101-24



Scan or
visit link
for video



mkdiamond.com/mov/101.html

MK-101 Series 1-1/2 Hp, 10" Wet Cutting Tile Saw

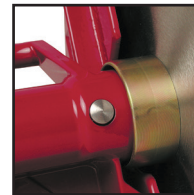
The MK-101 Series of saws features a powerful, high torque motor for improved performance to tackle all cutting jobs. The one-piece unitized steel frame is built for increased durability. The covered linear guide bar system provides precise cutting on the entire length of the cut. The blade guard has been engineered to provide optimal water flow and is wide enough to accommodate a profile wheel. One-year limited warranty.

Motor	Electric			
Power	1-1/2 Hp, 120V			
Blade Capacity	10" (254 mm)			
Arbor Size	5/8"			
Depth of Cut	3" (76 mm)			
Model	MK-101	MK-101-24		
Length of Cut	20" (508 mm)	24" (610 mm)		
Diagonally Cut	14" (356 mm)	18" (457 mm)		
L x W x H	36" x 22" x 23"	42" x 22" x 23"		
L x W x H (mm)	914 x 559 x 584	1,067 x 546 x 584		
Weight	92 lbs. (42 kg)	130 lbs. (59 kg)		
Includes	<ul style="list-style-type: none">• 10" Wet Cutting Tile Blade• Water Pump• Rip Guide• 45° Miter	<ul style="list-style-type: none">• 10" Wet Cutting Tile Blade• Water Pump• Rip Guide		
Part#	151991	169612		
Optional	Folding Stand	Folding Stand w/ Casters	GFCI	Pro-Tile Kit
Part#	168244	169243	152610	172937

Motor available in other electrical configurations.



Multi-position motor post and cutting head for convenient cutting of various tile sizes



Locking blade shaft for easy blade removal



Accommodates 6" and 8" profile wheels



MK-101 Pro24 JCS
with Integrated Stand
U.S. Patent No. 7,419,538



Scan or
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for video



mkdiamond.com/mov/101.html

MK-101 Pro24 JCS 1-1/2 Hp, 10" Wet Cutting Tile Saw

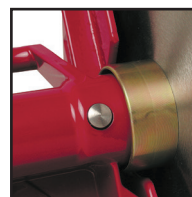
The MK-101 Pro24 JCS has all the features of the MK-101; in addition it is equipped with a aluminum table with non-slip molded neoprene surface. The permanently lubricated blade shaft bearings provide years of maintenance-free operation. The blade guard has been engineered to provide optimal water flow and is wide enough to accommodate a profile wheel. One-year limited warranty.

Motor	Electric
Power	1-1/2 Hp, 120V
Blade Capacity	10" (254 mm)
Arbor Size	5/8" (16mm)
Depth of Cut	3" (76 mm)
Depth of Cut at 45°	2-3/8" (60 mm)
Length of Cut	24" (610 mm)
Diagonally Cut	18" (457 mm)
L x W x H (inches)	48" x 24" x 29"
L x W x H (mm)	1,219 x 610 x 737
Weight	156 lbs. (71 kg)
Includes	<ul style="list-style-type: none"> • 10" MK-225 Hot Dog Blade • Water Pump • Side Extension Table • 90° Protractor • Dressing Stone • Integrated Stand • Dual 45° Flat Angle Guide • Rip Guide • 45° Miter
Part#	153243-JCS

Motor available in other electrical configurations.



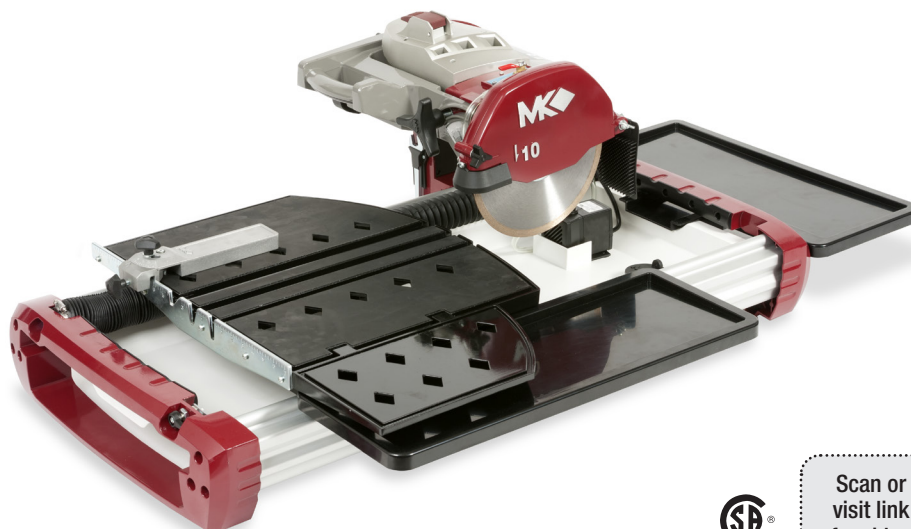
Multi-position motor
post and cutting
head for convenient
cutting of various
tile sizes



Locking blade
shaft for easy
blade removal



MK-101 Pro24
JCS has an integrated
stand that
allows operator
to setup or trans-
port in a matter
of seconds



Scan or
visit link
for video



mkdiamond.com/mov/tx-4.html

TX-4™ 1-3/4 Hp, 10" Wet Cutting Tile Saw

The TX-4™ features an innovative maintenance free guide bar system that eliminates the need for regular lubrication. The tilting head allows 22.5 and 45 degree miter cuts. The water distribution system provides a controllable, even flow to both sides of the blade. One-year limited warranty.

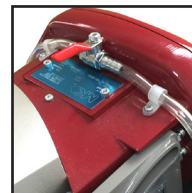
Motor	Electric
Power	1-3/4 Hp, 120V
Blade RPM	3,500
Blade Capacity	10" (254 mm)
Arbor Size	1" (25 mm)
Depth of Cut	3-1/2" (89 mm)
Depth of Cut at 45°	2-3/8" (60 mm)
Length of Cut	24" (610 mm)
Diagonally Cut	18" (457 mm)
L x W x H (inches)	44" x 25" x 20"
L x W x H (mm)	1,118 x 635 x 508
Weight	85 lbs. (39 kg)
Includes	<ul style="list-style-type: none"> • 10" Wet Cutting Tile Blade • Submersible Water Pump • Rip Guide w/Protractor • Side & Rear Water Trays • Side Table
Part#	171231
Optional	Stand w/ Casters
Part#	166445



Detachable side water containment tray slides with the table



Detachable rear tray for water containment



Easy access water control valve



Water distribution system provides a controllable, even flow to both sides of the blade



Large, aluminum cutting table with non-slip rubber surface



22°-45°-90° cutting capability

TX DIAMOND BLADES SERIES The TX Blade Series have a 1" arbor that differentiates them from typical wet cutting tile blades available in the market. The TX Blade Series are premium blades that match the high quality standards that professionals expect. Please note: standard 5/8" Arbor Tile Blades will NOT fit the TX-4 tile saw.

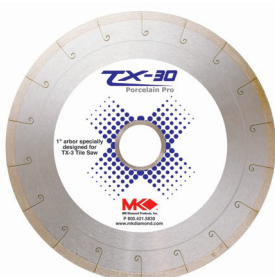


TX-20 Premium Tile

TX-20 provides dependable performance and long life when cutting ceramic tile and marble.

Diameter	Width	Arbor	Part#
10" (254 mm)	.060	1"	166966

Rim Height: 7 mm



TX-30 Porcelain Pro

TX-30 offers a thicker kerf version of MK Diamond's popular Hot Dog blade. The unique "J" cooling slots deliver fast, "chip free" cutting of porcelain tile and other hard dense materials.

Diameter	Width	Arbor	Part#
10" (254 mm)	.060	1"	166967

Rim Height: 8 mm



TX-40 Tile and Stone Pro

TX-40 delivers what you'd expect from a top of the line diamond blade. This is MK Diamond's very best for cutting tile & stone. From marble to granite, you can count on the TX-40 to get the job done. The thicker blade kerf and high rim height makes it the ideal choice for jobs that require miter cutting.

Diameter	Width	Arbor	Part#
10" (254 mm)	.080	1"	166968

Rim Height: 10 mm



TX-50 Premium Glass

TX-50 is simply the best all around glass blade on the market. This diamond matrix formulation for cutting glass produces consistent results time after time. Often glass cutting requires regular "dressing" to remove debris from the rim of the blade. Try the MK Diamond dressing stone (#152792) to get the best performance and life from your TX-50 blade.

Diameter	Width	Arbor	Part#
10" (254 mm)	.060	1"	166969

Rim Height: 7 mm



TX-60 Supreme Masonry Pro

TX-60 is ideally suited for all kinds of masonry materials, the TX-60 is a continuous rim "turbo style" diamond blade that produces fast clean cuts. Take advantage of the power and versatility of your TX-4 Tile saw to complete other projects involving brick and pavers!

Diameter	Width	Arbor	Part#
10" (254 mm)	.090	1"	167317

Rim Height: 10 mm



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for video



mkdiamond.com/mov/660.html



MK-660 3/4 Hp, 7" Wet Cutting Tile Saw

The MK-660's innovative direct drive motor technology is whisper quiet and powerful enough to deliver fast cutting on any type of tile up to 14" in length. The MK-660 is made with solid steel frame for durability, yet is lightweight and portable so it can be easily taken to any jobsite. One-year limited warranty.

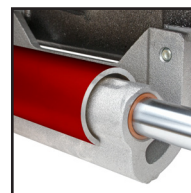
Motor	Electric	
Power	3/4 Hp, 120V	
Blade Capacity	7" (178 mm)	
Arbor Size	5/8" (16 mm)	
Depth of Cut	1-1/4" (32 mm)	
Length of Cut	14" (356 mm)	
Diagonally Cut	10" (254 mm) Tile	
L x W x H (inches)	27" x 21" x 16"	
L x W x H (mm)	686 x 533 x 406	
Weight	50 lbs. (23 kg)	
Includes	<ul style="list-style-type: none"> • 7" Wet Cutting Diamond Blade • Water Pump • Rip Guide • 45° Miter 	
Part#	153330	
Optional	Stand	GFCI
Part#	151889	152610



Ultra-quiet 3/4 Hp direct drive DC motor with blade braking system



Plunge capacity makes cutting outlets and other openings quick and easy



Chrome plated guide-bar and linear-bearing assembly ensure precise alignment and precision cutting



Patent Pending

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for video



mkdiamond.com/mov/ez.html



MK-EZ Profiler™

MK-EZ Profiler™

The MK-EZ Profiler makes profiling tile, granite, marble and limestone easy. It is highly portable and is designed to provide fabrication quality performance on any jobsite. There is a complete range of standard profile shapes available as accessories. Convenient access to the arbor shaft makes for easy profile tool changes. The adjustable head allows profiling materials up to 1-1/4" thick. The profiler is housed in a thermoplastic pan for water containment and easy cleanup.

Motor	1-1/4 Hp, 120V
Amps	7.4
Motor RPM	6,000
Shaft	5/8"-18
Weight	23 lbs. (10kg)
L x W x H	36" x 24" x 11"
L x W x H (mm)	914 x 610 x 279
Includes	<ul style="list-style-type: none"> • Water Pump • 3/8" radius Half Bullnose Bit
Part #	170565



Engineered
for superior
performance



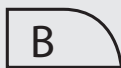
Convenient
access to
arbor shaft for
shaping tool
changes



Built-in spray
brush to minimize
over-spray from
water feed

Recommended Profile Bits MK-400BDB Profile Bits

Half Bullnose
Profile: B Radius: 1/2"



Nut	Part #
5/8"-18	400012-18

45° Bevel
Profile: E Radius: 45° Bevel



Nut	Part #
5/8"-18	400040-18

Half Bullnose
Profile: C Radius: 3/4"



Nut	Part #
5/8"-18	400034-18



MK-212-4

Scan or
visit link
for video



mkdiamond.com/mov/212.html

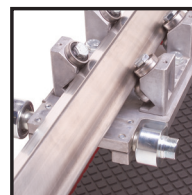


MK-212-4 2 Hp, 10" Wet Cutting Tile & Stone Saw

The MK-212 Professional Tile and Stone Saws are built rugged and portable for use on any jobsite. The powerful 2 Hp direct drive motor is fully enclosed for greater protection. The adjustable built-in miter system allows cuts at all angles from 45° to 90°. The plunge cutting head has a pivoting blade guard for easy blade changes. One-year limited warranty.

Motor	Electric		
Power	2 Hp, 120V, 18 Amp		
Model	MK-212-4		
Blade Capacity	10" (254 mm)		
Arbor Size	5/8" (16 mm)		
Depth of Cut	2" (51 mm)		
Length of Cut	36" (914 mm)		
Diagonally Cut	24" (610 mm)		
Depth of Cut at 45°	1-1/2" (38 mm)		
L x W x H (inches)	58" x 21" x 52"		
L x W x H (mm)	1,473 x 533 x 1,321		
Weight	226 lbs. (103 kg)		
Includes	<ul style="list-style-type: none"> • Water Pump • Rip Guide • 12" Adjustable Cutting Guide 		
Part#	159414		
Optional	Side Table (23" x 9")	Side Table (33" x 24")	Transport Wheels
	Part# 165884	Part# 167986	Part# 160172

Available with 220V/50Hz motor: Part #159986
 Available with 12" blade guard: Part #159414-SPCL
 Blade not included.



Roller-bearing carriage runs on a stainless steel rail



Tilting Head allows easy and precise 22.5° and 45° miter cuts



Plunge cut capability for scoring or cutting large tile



Optional Side Table provides support for larger tiles and stone

Recommended Diamond Blades



MK-62M Premium Grade Marble Segmented

Size	Part #
10"	137471



MK-62G Premium Grade Granite Segmented

Size	Part #
10"	151403



MK-415 Supreme Grade Tile & Porcelain Continuous

Size	Part #
10"	153495





MK-212-6

Scan or
visit link
for video



mkdiamond.com/mov/212.html

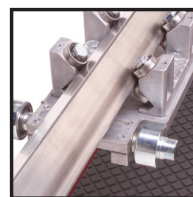


MK-212-6 2 Hp, 12" Wet Cutting Tile & Stone Saw

The MK-212 Professional Tile and Stone Saws are built rugged and portable for use on any jobsite. The powerful 2 Hp direct drive motor is fully enclosed for greater protection. The adjustable built-in miter system allows cuts at all angles from 45° to 90°. The plunge cutting head has a pivoting blade guard for easy blade changes. One-year limited warranty.

Motor	Electric		
Power	2 Hp, 120V, 18 Amp		
Model	MK-212-6		
Blade Capacity	12" (305 mm)		
Arbor Size	1" (25 mm)		
Depth of Cut	3" (76 mm)		
Length of Cut	72" (1,829 mm)		
Diagonally Cut	42" (1,067 mm)		
Depth of Cut at 45°	2-1/2" (57 mm)		
L x W x H (inches)	82" x 21" x 52"		
L x W x H (mm)	2,083 x 533 x 1,321		
Weight	270 lbs. (122 kg)		
Includes	<ul style="list-style-type: none"> • Water Pump • Rip Guide • 12" Adjustable Cutting Guide 		
Part#	167882		
Optional	Side Table (23" x 9")	Side Table (33" x 24")	Transport Wheels
	Part# 165884	167986	160172

Available with 220V/50Hz motor: Part #169284
Blade not included.



Roller-bearing carriage runs on a stainless steel rail



Tilting Head allows easy and precise 22.5° and 45° miter cuts



Plunge cut capability for scoring or cutting large tile



Optional Side Table provides support for larger tiles and stone

Recommended Diamond Blades



MK-62M Premium Grade Marble Segmented

Size	Part #
12"	151296



MK-62G Premium Grade Granite Segmented

Size	Part #
12"	150789



MK-415 Supreme Grade Tile & Porcelain Continuous

Size	Part #
12"	155129

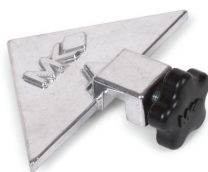


45° Miter



Part#
153201-MK

Dual Flat 45° Angle Guide



Part#
134577-MK

Protractor



90° Protractor

12° Protractor:
For use with MK-212

Part#
134569-MK

Part#
159572

Dressing Stone



60-grit dressing stone used to expose new cutting surfaces on glazed or dull diamond blades

Size	Part#
8" x 2" x 1"	152792
8" x 3" x 2"	165241

Large Rip Guide



For use with MK-101 Series

Part#
159751

Cutting Kit



The Cutting Kit includes a 90° protractor, dressing stick, dual 45° flat angle guide, large rip guide, 45° miter and carrying tray

Part#
155954

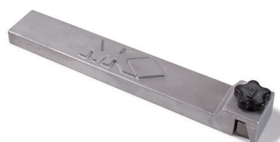
Small Rip Guide



For use with MK-370, MK-370EXP, MK-660 & MK-770

Part#
134551-MK

15" Rip Guide



For use with MK-212

Part#
160288

Side Extension Table



For use with
MK-100 & MK-101

Part#
162075

Pro-Tile Kit



The Pro-Tile Kit includes a 90° protractor, dressing stick, dual 45° flat angle guide, large rip guide, 45° miter, carrying tray and folding saw stand with casters. For use with 101 saws.

Part#
172937

Electric Water Pump



Fits MK Brick Saws, MK-101, MK-101 Pro Series, MK-212 Series, MK-660 Tile Saws

Part#
151271-MK

Electric Water Pump



Fits MK-170, MK-370EXP, MK-377EXP Tile Saws

Part#
155987-MK

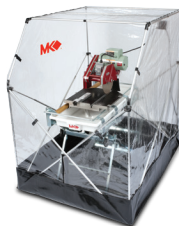
Shank Adapter



For use with
MK-290GW Core Bits
1/2" Triangle 5/8"-11 Shaft

Part#
260000T

Saw Tent



Size
47" x 60" x 62"

Part#
169658

Drain Plugs (2 Pack)



Part#
133025-MK

Power Cord Adapter



For use with
MK-212 saws



Female: Twist Style Adapter
(L5-20R 20 Amp/125V)



Male: Standard
(5-15P 15 Amp/125V)

Part#
150960

Ground Fault Circuit Interrupter



15 AMP/120V



Part#
152610

BD Machine Oil



Machine oil for air tools

Part#
150459

Linear Guide Bar Lubricant



Linear Guide Bar oil for tile saws

Part#
172051



MK-200 Standard Blades

Standard grade tile blade for fast, smooth, chip-free cutting on tile and other stone materials.

Diameter	Width	Arbor	Part#
4" (102 mm)	.060	20 mm-5/8"	151445
4-1/2" (114 mm)	.060	20 mm-5/8"	154972
6" (152 mm)	.060	5/8"	137141
7" (178 mm)	.060	5/8"	139295
8" (203 mm)	.060	5/8"	137158
10" (254 mm)	.060	5/8"	137166
12" (305 mm)	.080	1"	137174
14" (356 mm)	.080	1"	137182

Rim Height: 8 mm

MK-215 Premium Blades

Premium grade tile blade for hard materials, provides chip-free cutting and performance. Excellent on dense floor materials.

Diameter	Width	Arbor	Part#
4" (102 mm)	.060	5/8"	152553
4-1/2" (114 mm)	.060	20 mm-5/8"	154973
6" (152 mm)	.060	5/8"	131763
7" (178 mm)	.060	5/8"	139311
8" (203 mm)	.060	5/8"	131631
10" (254 mm)	.060	5/8"	128074
12" (305 mm)	.080	1"	128439
14" (356 mm)	.080	1"	133967

Rim Height: 8 mm

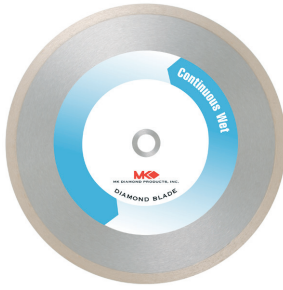
MK-315 Supreme Super Hi-Rim Blades

Supreme high rim tile blade is designed to retain the cutting edge in order to provide consistent high performance for high production jobs.

Diameter	Width	Arbor	Part#
6" (152 mm)	.060	5/8"	153250
7" (178 mm)	.060	5/8"	153293
8" (203 mm)	.060	5/8"	153251
10" (254 mm)	.080	5/8"	153252
12" (305 mm)	.080	1"	153509
14" (356 mm)	.090	1"	153548



Rim Height: 10 mm
Special arbors available upon request. Stock arbors can be bushed to smaller sizes; please specify at time of order.



MK-415 Supreme Super Hi-Rim Blades

The MK-415 Diamond Blade has been designed with a thicker core for high production jobs that require straight and fast cuts.

Diameter	Width	Arbor	Part#
7" (178 mm)	.060	5/8"	157511
8" (203 mm)	.060	5/8"	155152
10" (254 mm)	.080	5/8"	153495
12" (305 mm)	.080	1"	155129
14" (356 mm)	.090	1"	155130
18" (457 mm)	.125	1"	159881
20" (508 mm)	.125	1"	170765



Rim Height: 10 mm

Vector Tile Blades

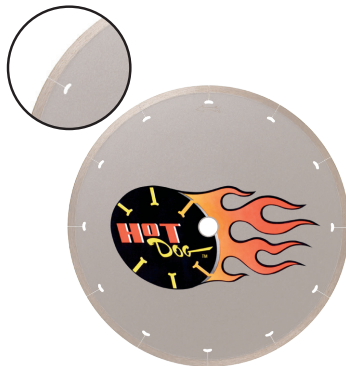
Continuous rim for ultra smooth cuts. Ideal for cutting ceramic tile, granite, marble, slate and porcelain.

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	7/8"-20 mm-5/8"	168318
4-1/2" (114 mm)	.080	7/8"-20 mm-5/8"	168319
7" (178 mm)	.090	DM-7/8"-5/8"	168320
10" (254 mm)	.090	5/8"	168322



Blades also available in bulk packs of 5 blades.

PORCELAIN & VITREOUS TILE (WET)



MK-225 Hot Dog Premium Thin-Rim Blades

The MK-225 Hot Dog Diamond Blade has been designed to cut porcelain tile with no chipping. The stiffening/cooling slots have been designed to guarantee straight cutting in dense porcelain materials.

Diameter	Width	Arbor	Part#
4" (102 mm)	.050	20 mm-5/8"	159614
4-1/2" (114 mm)	.050	5/8"	160451
5" (127 mm)	.050	5/8"	160452
6" (152 mm)	.050	5/8"	160453
7" (178 mm)	.050	5/8"	158434
8" (203 mm)	.050	5/8"	158435
10" (254 mm)	.050	5/8"	158436
12" (305 mm)	.080	1"	169206
14" (356 mm)	.080	1"	158693



Rim Height: 7 mm

Hot Dog and the Hot Dog Logo are registered trademarks of MK Diamond Products, Inc.

MK-333JB Slot Supreme Blades

The MK-333JB slot porcelain tile blade is used for cutting all types of quarry tiles, stone, glass and other hard/dense materials.

Diameter	Width	Arbor	Part#
7" (178 mm)	.060	5/8"	164801
10" (254 mm)	.060	5/8"	160294
12" (305 mm)	.080	1"	170960



Rim Height: 7 mm



MK-RD100 Supreme Resin Bond Blades

Resin bond blades designed for chip-free production glass cutting and to eliminate breakout when cutting glass tubing and rod.

Diameter	Width	Arbor	Part#
7" (178 mm)	.062	5/8"	160831
10" (254 mm)	.062	5/8"	159326
14" (356 mm)	.070	1"	157812



Rim Height: 7 mm



MK-215GL Premium Metal Bond Blades

Metal bond glass blades provide smooth chip free cutting and are ideal for production type applications.

Diameter	Width	Arbor	Part#
7" (178 mm)	.050	5/8"	156651
8" (203 mm)	.050	5/8"	155949
10" (254 mm)	.050	5/8"	155950
12" (305 mm)	.080	1"	155971
14" (356 mm)	.080	1"	160035



Rim Height: 7 mm



MK-215GL-XL Supreme Glass Blade

Engineered specifically for fine glass cutting. The MK-215GL-XL metal bond has each layer of diamond evenly spaced throughout.

Diameter	Width	Arbor	Part #
7" (178 mm)	.060	5/8"	168437
8" (203 mm)	.060	5/8"	168438
10" (254 mm)	.050	5/8"	168439
14" (356 mm)	.090	1"	170604



7"-10" Diameter Segment Height: 7 mm
14" Diameter Segment Height: 8 mm



MK-315GL-XL Glass Blade

Specifically designed for cutting glass and mosaic glass tiles.

Diameter	Width	Arbor	Part#
7" (178 mm)	.060	5/8"	170665
10" (254 mm)	.065	5/8"	170666



Rim Height: 7 mm

MK Diamond segmented stone blades have a worldwide reputation for superior cutting speed, maximum performance and exceptional blade life.



MK-62M Premium Blades for Marble

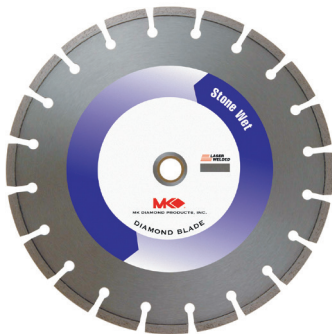
Diameter	Width	Arbor	Part#
8" (203 mm)	.080	5/8"	139410
10" (254 mm)	.080	5/8"	137471
12" (305 mm)	.095	1"	151296
14" (365 mm)	.095	1"	135665
16" (406 mm)	.125	1"	135673
18" (457 mm)	.125	1"	135681
20" (508 mm)	.125	1"	135699

Segment Height: 8 mm

MK-62G Premium Blades for Granite

Diameter	Width	Arbor	Part#
7" (178 mm)	.080	7/8"-5/8"	150392
8" (203 mm)	.080	5/8"	151402
10" (254 mm)	.080	5/8"	151403
12" (305 mm)	.110	1"	150789
14" (365 mm)	.100	1"	152791
14" (365 mm)	.250	1"	153399
16" (406 mm)	.125	1"	135723
18" (457 mm)	.125	1"	135731
20" (508 mm)	.125	1"	135749

Segment Height: 8 mm



MK-62Q Professional Quartz Blades

Wet cutting segmented rim blades for quartz, volcanic rock and marble.

Diameter	Width	Arbor	Part #
10" (254 mm)	.095	1"	170764
12" (305 mm)	.110	1"	168557
14" (356 mm)	.095	1"	166293
16" (406 mm)	.125	1"	168599
20" (508 mm)	.135	1"	166325



Segment Height: 7 mm

These sandwich core diamond blades are manufactured with two steel cores laminated with a copper center to provide the greatest sound reduction, producing only 95dB(A).



**LASER
WELDED**

MK-62MSL Premium Silent Core Blades for Marble

Diameter	Width	Arbor	Part#
14" (365 mm)	.125	60-50 mm	159270
16" (406 mm)	.125	60-50 mm	159271
18" (457 mm)	.125	60-50 mm	159272
20" (508 mm)	.140	60-50 mm	159273

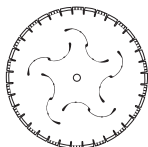
Segment Height: 20 mm

MK-62GSL Premium Silent Core Blades for Granite

Diameter	Width	Arbor	Part#
14" (365 mm)	.125	60-50 mm	156078
16" (406 mm)	.125	60-50 mm	156079
18" (457 mm)	.125	60-50 mm	158918
20" (508 mm)	.125	60-50 mm	153123

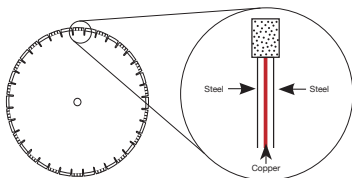


Segment Height: 15 mm



Laser Cut Core Design

Cost effective laser cut core with epoxy filled silencing material, provides limited noise reduction/suppression.

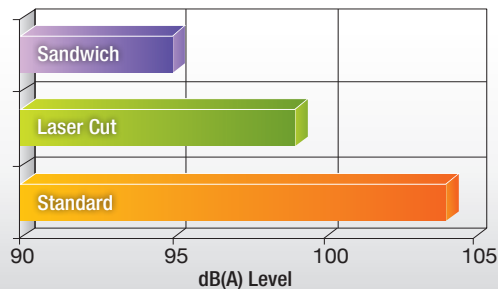


Sandwich Laminated Silent Core Design

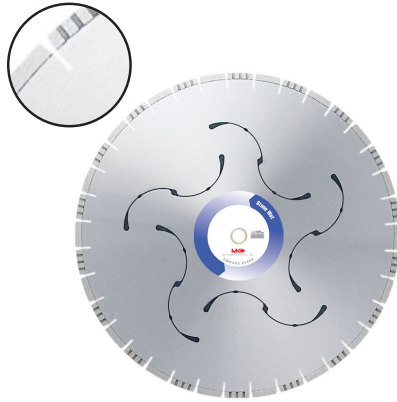
Sandwich laminated steel cores with copper center provide the greatest sound reduction.

A Silent Core diamond blade has a specialized core that reduces vibration and noise. Instead of the standard high-pitched whine, Silent Core blades are significantly quieter. This is beneficial on jobsites where controlling the cutting noise level is an issue and a quieter blade reduces the chance of hearing loss for the operator. Silent Core blades have two designs. The Laser Cut Core has epoxy filled silencing material that provides limited noise reduction/suppression. The Sandwich Core is manufactured with two steel cores laminated with a copper center that provides the greatest sound reduction.

CORE STYLES



A reduction in dB(A) of 10 will reduce human noise perception by approximately one half. Noise reduction depends on a number of factors.



Cost Effective Laser
Cut Core shown

**LASER
WELDED**

MK-62GSPV Professional Silent Core Blades for Granite

The MK-62GSPV laser cut core provides excellent sound reduction. The smooth and turbo alternate segment design produces clean, fast cuts through hard stone.

Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	154591
20" (508 mm)	.142	1"	155902



Segment Height: 10 mm

PROFESSIONAL (WET)



**LASER
WELDED**

MK-62GSL-P Professional Silent Core Blades for Granite

Diameter	Width	Arbor	Part#
14" (356 mm)	.125	60-50 mm	157919
16" (406 mm)	.125	60-50 mm	157921
18" (457 mm)	.125	60-50 mm	159321

14" Segment Height: 20 mm
16"-18" Segment Height: 15 mm

MK-62MSL-P Professional Silent Core Blades for Marble

Diameter	Width	Arbor	Part#
14" (356 mm)	.125	60-50 mm	157920
16" (406 mm)	.125	60-50 mm	157922
18" (457 mm)	.125	60-50 mm	159323



Segment Height: 15 mm

GRANITE & PORCELAIN TILE (DRY)

These are the perfect blades to finish an installation involving granite or porcelain tile. The MK-250 series is designed for use on hand grinders and small circular saws and can be operated wet or dry.

MK-250GXC Premium Continuous Rim Blade

The GXC uses a "J" slot design leaving a smooth finish.

Diameter	Width	Arbor	Part#
4" (102 mm)	.060	7/8"-5/8"	164111
4-1/2" (114 mm)	.060	7/8"-20 mm-5/8"	166368

Rim Height: 5 mm

MK-250GXT Premium Turbo Rim Blade

The GXT offers the fast cutting features of a turbo rim design.

Diameter	Width	Arbor	Part#
4" (102 mm)	.050	7/8"-5/8"	160970

Rim Height: 7 mm

MK-255GXT Premium Turbo Rim Blade

Thin turbo mesh diamond blade with reinforced core for fast, clean cutting.

Diameter	Width	Arbor	Part#
4" (102 mm)	.050	7/8"-20 mm-5/8"	172828
4-1/2" (114 mm)	.050	7/8"-20 mm-5/8"	172218
5" (127 mm)	.050	7/8"-20 mm-5/8"	172829
6" (152 mm)	.050	7/8"-20 mm-5/8"	172830
7" (178 mm)	.060	7/8"-20 mm-5/8"	172831
10" (254 mm)	.070	5/8"	172723



Rim Height: 10 mm

GRANITE & MARBLE (DRY)

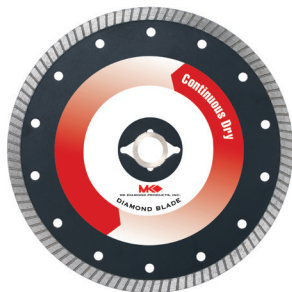
MK-205 Professional Thin-Rim Blades

General purpose super-thin rim blade for dry cutting materials. The MK-205 has an integral steel hub stiffener to help minimize blade flexing. Ideal for sink holes, trimming slabs, and other difficult to cut applications in granite and marble.

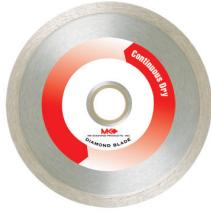
Diameter	Width	Arbor	Part#
4" (102 mm)	.050	7/8"-5/8"	164912
4-1/2" (114 mm)	.050	7/8"-5/8"	164913
7" (178 mm)	.070	DM-7/8"-5/8"	164914



Rim Height: 8 mm



SINTERED



MK-304CR Premium Thin-Rim Blades

The MK-304CR dry tile diamond blade has been designed to ensure chip-free cutting of tile and hard, vitreous materials with minimal heat build-up.

Diameter	Width	Arbor	Part#
4" (102 mm)	.060	20 mm-5/8"	156090
4" (102 mm)	.060	7/8"-5/8"	156090Y
4-1/2" (114 mm)	.060	7/8"-5/8"	158139
5" (127 mm)	.060	7/8"-5/8"	157576
7" (178 mm)	.060	DM-5/8"	157770
10" (254 mm)	.060	DM-5/8"	159100



Rim Height: 7 mm

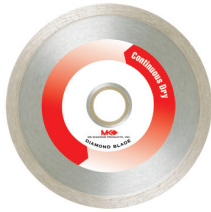
MK-404CR Supreme Thin-Rim Blades

The MK-404CR dry tile diamond blade has been designed to ensure chip-free cutting of tile and hard, vitreous materials with minimal heat build-up.

Diameter	Width	Arbor	Part#
4" (102 mm)	.060	20 mm-5/8"	140277
4-1/2" (114 mm)	.060	20 mm-5/8"	154975
4-1/2" (114 mm)	.060	7/8"-20 mm-5/8"	154971
5" (127 mm)	.060	7/8"-5/8"	140285
6" (152 mm)	.060	7/8"-5/8"	140293
7" (178 mm)	.060	DM-5/8"	140301
8" (203 mm)	.060	DM-5/8"	140319



Rim Height: 7 mm



TILE/STONE (DRY)



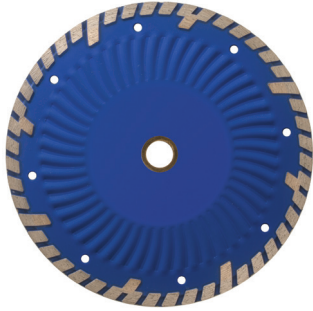
MKS-935D Supreme Turbo Blades

Turbo soft bond, best for granite, marble and other hard materials; good for construction materials including concrete and masonry.

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	7/8"-5/8"	167916
4-1/2" (114 mm)	.087	7/8"-5/8"	167917
6" (152 mm)	.087	7/8"-5/8"	167919
7" (178 mm)	.095	DM-5/8"	167920
8" (203 mm)	.095	DM-5/8"	167921
9" (229 mm)	.102	DM-5/8"	167922
10" (254 mm)	.102	DM-5/8"	167923
12" (305 mm)	.125	1"-20mm	167924
14" (356 mm)	.125	1"-20mm	167925



Segment Height: 10 mm



MK T/Segment Turbo Supreme

The MK T/Segment Turbo blade is designed for fast cutting of granite and other hard materials.

Diameter	Width	Arbor	Part#
4" (102 mm)	.085	7/8"-20 mm-5/8"	159437
4-1/2" (114 mm)	.085	7/8"-20 mm-5/8"	159438
5" (127 mm)	.085	7/8"-20 mm-5/8"	159439
7" (178 mm)	.095	DM-7/8"-5/8"	159440



Segment Height: 7.5 mm



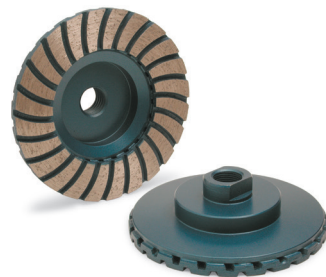
MK T/Segment Contour Professional

The MK T/Segment Contour blade has been designed for fast, clean cutting of granite and hard construction materials and can be used wet or dry. The T/Segment has been specifically designed to prevent undercutting.

Diameter	Width	Arbor	Part#
4" (102 mm)	.149	7/8"-5/8"	159069
4-1/2" (114 mm)	.149	7/8"-5/8"	159070
5" (127 mm)	.155	7/8"-5/8"	159071



Segment Height: 7 mm

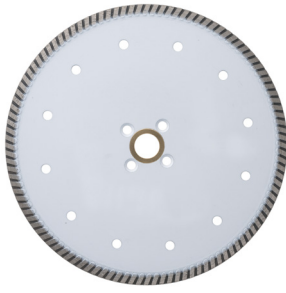


MK-404PW Premium Grinding Cup Wheels

Premium cup wheels for granite and marble.

Diameter	Type	Nut	Part#
4" (102 mm)	Coarse	5/8"-11	159313
4" (102 mm)	Medium	5/8"-11	159306
4" (102 mm)	Fine	5/8"-11	159311
4" (102 mm)	Coarse	7/8"-5/8"	159304
4" (102 mm)	Medium	7/8"-5/8"	159303
4" (102 mm)	Fine	7/8"-5/8"	159302
5" (127mm)	Coarse	5/8"-11	159307
5" (127mm)	Fine	5/8"-11	840054
5" (127mm)	Fine	7/8"-5/8"	159305
6" (152mm)	Coarse	5/8"-11	159315
7" (177mm)	Coarse	5/8"-11	159310
7" (177mm)	Medium	5/8"-11	840072
7" (177mm)	Fine	5/8"-11	159317



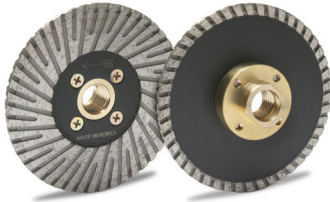


MK-925FC Flush Cutting Blades

Diameter	Width	Arbor	Part#
4" (102 mm)	.095	20mm w/4 holes	159200
5" (127 mm)	.095	20mm w/4 holes	159475
7" (178 mm)	.095	20mm w/4 holes	159201



Optional blade adapter required to mount on 5/8"-11 arbor shafts, Part#159232
Rim Height: 10 mm



SINTERED

MK Cut & Grind Flush Cut/Grinding Blades

MK Cut & Grind cuts like a traditional diamond blade and grinds like a cup wheel. Designed for use on angle grinders, it can be used for straight cutting, flush cutting, grinding, edge grinding and shaping a variety of building materials including stone, marble, tile and granite.

Diameter	Width	Arbor	Part#
4" (102mm)	.100	7/8" w/4 holes	170472
5" (127mm)	.095	7/8" w/4 holes	170372



Shown with 5/8"-11 adapter which is included with blade.
Rim Height: 10 mm

STONE CORE BITS (WET)



MK-660DCB Segmented Diamond Core Bits

For granite and porcelain. Wet use only.

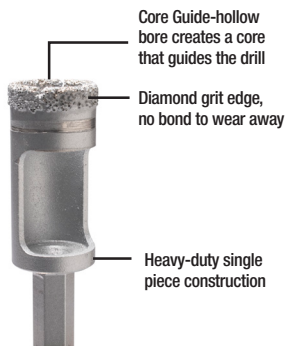
Size	Shank	Part#
1" (25 mm)	1/2"	661000
1-1/8" (29 mm)	1/2"	661125
1-1/4" (32 mm)	1/2"	661250
1-3/8" (35 mm)	1/2"	661375
1-1/2" (38 mm)	1/2"	661500
1-3/4" (44 mm)	1/2"	661750
2" (51 mm)	1/2"	662000



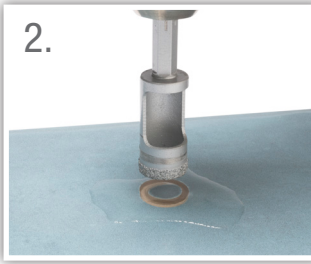
MK-190 Premium Wet Diamond Core Bits

The MK-190 wet diamond core bits are ideal for drilling porcelain, granite, marble, tile, stone, glass and masonry. Designed to operate on any corded or cordless hand drill makes cutting clean holes quick and easy. The bits reduce drilling time by 50%, compared to traditional metal-bond core bits, as diamond particles work at peak performance at all times and there are no bonds to wear away. Vacuum brazed technology provides the strongest bond between the diamond particles and the drilling surface of the core bit.

Diameter	Part#
3/16" (5 mm)	166641
1/4" (6 mm)	166642
9/32" (7 mm)	166972
5/16" (8 mm)	166643
3/8" (10 mm)	166644
1/2" (12 mm)	166645
5/8" (15 mm)	166646
3/4" (20 mm)	166647
1" (25 mm)	166648
1-1/4" (30 mm)	166973
1-3/8" (35 mm)	167169



1. Place the raised sintered edge of the bit at a 45 degree angle to the tile. Start drilling to create a half circle.



2. Continue drilling and raise the bit to 90 degrees to complete the hole in the tile.



3. Ejector slot helps to clear the plug.

The MK-190 core bits are the most effective tool in cutting a wide range of hard tiles.

	Porcelain	Glass	Quarry	Terracotta	Glazed	Terrazzo	Agglomerate	Cement
Ceramic Tile Hardness Grades								
Soft	❖	❖	❖	❖	❖	❖	❖	❖
Medium	❖	❖	❖	❖	❖	❖	❖	❖
Medium/Hard	❖	❖	❖	❖	❖		❖	
Hard	❖		❖				❖	
Extremely Hard	❖		❖				❖	



MK-290 Premium Tile/Marble Core Bits

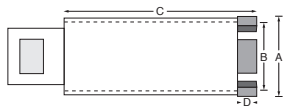
Designed to cut clean, smooth holes through all ceramic tile and marble. Replaceable pilot drill prevents bit from wandering when starting hole. Diamond rim is turbo-style on sizes up to 2-1/4" and continuous on bits larger than 2-1/4". Can be used wet or dry. 10 mm shank.

Diameter	Part#
1/2" (13 mm)	157605
5/8" (16 mm)	159430
3/4" (19 mm)	157606
7/8" (22 mm)	159431
1" (25 mm)	157607
1-1/8" (29 mm)	159432
1-1/4" (32 mm)	157808
1-3/8" (35 mm)	151019
1-1/2" (38 mm)	152793
1-5/8" (41 mm)	159433
1-3/4" (44 mm)	157706
1-7/8" (48 mm)	159434
2" (51 mm)	157608
2-1/4" (57 mm)	157911
2-1/2" (64 mm)	152794
2-3/4" (70 mm)	159435
3" (76 mm)	159436



Replacement pilot drill part# 151375-149
Other diameters are available.

STONE CORE BITS (WET)



A: Outside dimension
B: Inside dimension

C: Drill depth
D: Diamond depth

MK-290GW Premium Granite Core Bits

These wet core bits with an aggressive segmented rim are designed for granite. The MK-290GW core bits are perfect for pipe and faucet holes.

A	B	C	D	Thread	Part#
1"	0.75"	3.25"	.25"	5/8" - 11	158919
1-1/8"	0.85"	3.25"	.25"	5/8" - 11	158920
1-1/4"	1.00"	3.25"	.25"	5/8" - 11	158921
1-3/8"	1.10"	3.25"	.25"	5/8" - 11	158922
1-1/2"	1.25"	3.25"	.25"	5/8" - 11	158923
1-5/8"	1.40"	3.25"	.25"	5/8" - 11	158924
1-7/8"	1.60"	3.25"	.25"	5/8" - 11	160118
2"	1.75"	3.25"	.25"	5/8" - 11	158925
2-1/4"	2.00"	3.25"	.25"	5/8" - 11	159424
2-1/2"	2.25"	3.25"	.25"	5/8" - 11	162578
2-7/8"	2.60"	3.25"	.25"	5/8" - 11	160119
3"	2.75"	3.25"	.25"	5/8" - 11	160096
4"	3.75"	3.25"	.25"	5/8" - 11	161177





MK-1503 Variable Speed Hand Tool

The MK-1503 wet polisher is ideal for handheld wet grinding and polishing of marble, granite and rock materials. The variable speed control feature of the MK-1503 polisher delivers total control of material removal rate and surface finish for a wide array of materials. The speed control dial can be set for speeds between 700 and 3000 RPM. The durable 120V universal motor delivers 800 watts of cutting power and plugs into a standard household receptacle. 90-day limited warranty.

Engine/Motor	Electric		
Power	800 Watt, 120V		
RPM	700-3000		
Amps	7		
Shaft	5/8"-11		
Max Pad Diameter	5" (127 mm)		
Weight	9 lbs. (4 kg)		
Includes	<ul style="list-style-type: none"> • Inline GFCI Switch • Water Hose • Wrench • D-Handle • Side Handle • Motor Brushes • 4" Rubber Backer Plate 		
Model	MK-1503		
Part#	172057		



MK-1503 Stone Kit

The MK-1503 Stone Kit includes Wet Polisher, Inline GFCI switch, Water Hose, Wrench, D-Handle, Side Handle, Motor Brushes, 4" Resin Polishing Disc Set (50-8500 grit) for polishing stone materials and nylon canvas carrying bag. 90 day limited warranty.

Part# 172057-MKS



MK-1503 Lapidary Kit

The MK-1503 Lapidary Kit is ideal for handheld wet grinding and polishing of gemstone and rock materials such as onyx, agate, petrified wood, jade, opal, etc. The polisher is used with the wet vacuum brazed convex (35/40 coarse) wheel for aggressive shaping and grinding, contour carving and sculpting of the material. Flat fine continuous rim cup wheel is used for groove and saw mark removal from slabs. Resin diamond discs (30-13000 grit) are used sequentially for polishing and a felt buffing disc. Also includes a nylon canvas carrying bag. 90 day limited warranty.

Part# 172057-MKL



Aluminum Backer Plates

MK Diamond Aluminum Backer Plates reduce surface distortion and wavy results on straight edges. Max 4,000 RPM.

Pad Size	Nut	Part#
3" (76 mm)	5/8"-11	158773
4" (102 mm)	5/8"-11	158774
5" (127 mm)	5/8"-11	158775



Rubber Backer Plates

The MK Diamond Rubber Backer Plates provide a flexible and durable attaching surface for all resin and ceramic discs. Ideally suited for tough contours and inside curves, these backer plates allow the user to get in tight corners with ease and flexibility.

Pad Size	Nut	Part#
3" (76 mm)	5/8"-11	157107
4" (102 mm)	5/8"-11	155795
5" (127 mm)	5/8"-11	155878
7" (178 mm)	5/8"-11	155968



Rigid Backer Plates

Rigid Velcro® backed backer plate for attaching polishing pads to hand-held polishing tools. Max 4,000 RPM.

Pad Size	Nut	Part#
3" (76 mm)	5/8"-11	158771
4" (102 mm)	5/8"-11	157603
5" (127 mm)	5/8"-11	158772

POLISHING PADS (WET/DRY)

MK Diamond 5-step polishing pads improve efficiency of polishing by 20%. These pads are easy to use and provide greater flexibility.



5-Step Dry Polishing Pads

The MK Diamond dry pads are specially formulated to reduce polishing granite to a time saving 5 step process. Maximum speed: 4000 RPM.

Diameter	Step	Grit	Part#
4" (102 mm)	1	50	166941
4" (102 mm)	2	400	166942
4" (102 mm)	3	800	166943
4" (102 mm)	4	1500	166944
4" (102 mm)	5	3000	166945
Polishing Pad Set (Includes one pad of each grit)			168027



5-Step Wet Polishing Pads

The MK Diamond wet pads are specially formulated to reduce polishing granite to a time saving 5 step process. Maximum speed: 4000 RPM.

Diameter	Step	Grit	Part#
4" (102 mm)	1	50	166949
4" (102 mm)	2	400	166950
4" (102 mm)	3	800	166951
4" (102 mm)	4	1500	166952
4" (102 mm)	5	3000	166953
Polishing Pad Set (Includes one of each)			168028



4" Convex Polishing Discs

Convex, Velcro® backed discs. Disc backs are color coded for easy grit size identification. Max 3,700 RPM. Set includes one disc of each grit and backer plate.

Grit	Part#
60	159033
150	159034
300	159035
500	159036
1000	159037
2000	159038
3000	159039
Buff	159040
Set 8 Discs & Backer Plate	159041





Resin Bond Polishing Discs

Flexible, Hook & Loop backed polishing discs designed to achieve a scratch-free highly polished finish on all straight or contoured granite and marble edges. The Hook & Loop backing allows for fast disc changes. Disc backs are color-coded for easy grit size identification. Kit includes one of each numbered grit discs, black buff disc, and a hard rubber backplate. 3700 RPM maximum.

Premium 3"		Premium 4"		Professional 4"		Premium 5"	
Grit	Part#	Grit	Part#	Grit	Part#	Grit	Part#
50	157108	50	155796	50	158901	50	155876
100	157109	150	155797	150	158902	150	155877
300	157110	300	155798	200	158903	200	155955
800	157111	500	155799	400	158904	400	155956
1,500	157112	1,000	155800	800	158905	1,000	155957
2,000	157113	2,000	155801	1,500	158906	1,500	155958
3,000	157114	3,000	155818	2,000	158907	3,000	155959
Black Buff (8500)	157115	Black Buff (8500)	157239	Black Buff (8500)	158908	Black Buff (8500)	155960
White Buff (8500)*	166421	White Buff (8500)*	157250	White Buff (8500)*	158909	White Buff (8500)*	166422
Polishing Kit (Discs & backer plate)	157116	Polishing Kit (Discs & backer plate)	153564	Polishing Kit (Discs & backer plate)	158910	Polishing Kit (Discs & backer plate)	157130



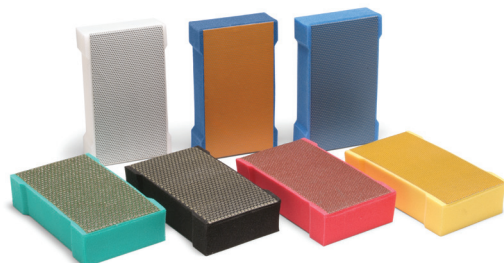
*Use for final buff on light colored stone without marking material and not included in kit.



4" Flexible Polishing Discs

Flexible, Velcro® backed discs for dry polishing granite and marble. Disc backs are color coded for easy grit size identification. Max 3,700 RPM. Set includes one disc of each grit (50 to 3000), black buff and backer plate.

Grit	Part#
50	159060
100	159061
200	159062
400	159063
800	159064
1500	159065
3000	159066
Buff (Black)	159067
Set 8 Discs & Backer Plate	159068



Wet/Dry Foam-Block Polishing Pads

These specially designed pads make polishing small areas of marble and granite easy. Available grit sizes work from rough to final finish.

Grit	Part#
60	159050
120	159051
200	159052
400	159053
800	159055
1800	159056
3500	159057



Block size: 4" x 2-1/4"

POLISHING DISCS (WET)



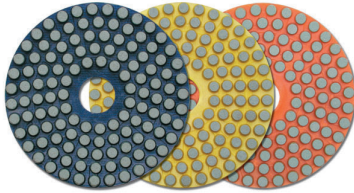
4" Snail Lock Polishing Discs

Long life, high quality, snail lock polishing discs for use on automatic edge-polishing machines. Max 3,700 RPM.

Grit	Part#
50	157616
100	157617
200	157618
500	157619
800	157621
2000	157622
3000	157623



Requires snail lock adaptor backer plate part# 158432



4" Vitrified Polishing Discs

Flexible, Velcro® backed discs for light shaping, smoothing, and initial polishing of granite or marble. Max 3,700 RPM.

Grit	Part#
60	158898
150	158899
300	158900



GRINDING DISCS (DRY)



PVA Dry Grinding Discs

Dry Grinding Discs

Four-inch diameter Dry Grinding Discs, for dry marble polishing, have been specially designed for bullnose and flat edge polishing. PVA discs fit 4" Makita® angle grinders with 5/8" arbor. PVA set includes 2 discs of each grit.

Grit	Description	PVA
40	Extra Coarse	390040
80	Coarse	390080
220	Medium	390220
400	Fine	390400
600	Extra Fine	390600
Set		391000



PVA: Maximum speed: 12,000 RPM.
Sold in boxes of 10. Fits on 4" Makita™ angle grinders.

GRINDING DISCS (DRY)

PROFILE WHEELS MK-275 profile wheels provide a clean, professional contour for marble and granite. Both the electroplated and sintered profile wheels ensure high quality and uniformity. MK Diamond's profile wheels require no special saw modification and mount to most tile saws quickly and easily.



MK-275 Electroplated Profile Wheels for Marble

			3/8" Radius	1/2" Radius	45° Bevel	Ogee
Diameter	Arbor	Part#	Part#	Part#	Part#	Part#
6" (152 mm)	5/8"	151694	152613	152080	152614	
8" (203 mm)	5/8"	154025	154026	154027	154028	
10" (254 mm)	5/8"	152022	152616	152615	152617	



MK-275G

MK-275G Sintered Profile Wheels for Granite

			3/8" Radius	1/2" Radius	45° Bevel	Ogee
Diameter	Arbor	Part#	Part#	Part#	Part#	Part#
6" (152 mm)	5/8"	155853	155854	155855	158377	
8" (203 mm)	5/8"	155856	155857	•	•	



MILLING TOOLS



MK-400BDB Brazed Diamond Profile Bits

For profiling granite, marble and limestone.

Shape	Profile/Radius	Diameter	Nut	Part#
Half Bullnose	A - 3/8"	3-1/2"	5/8"-11	400038
Half Bullnose	A - 3/16"	3-1/2"	5/8"-11	400039
Half Bullnose	B - 1/2"	3-1/2"	5/8"-11	400012
Half Bullnose	C - 3/4"	4"	5/8"-11	400034
45° Bevel	E - 45° Bevel	4"	5/8"-11	400040



EZ PROFILER Engineered specifically for the EZ-Profiler these wet cutting profile bits have a 5/8"-18 female thread.

MK-400BDB for EZ Profiler Brazed Diamond Profile Bits

These vacuum brazed diamond profile wheels provide a cost effective and efficient means for profiling marble, soft-granite, travertine and porcelain tile. Each wheel is designed for fast material removal and improved life providing a perfect profile. Each wheel has a rubber guide to protect the wheel from marring the material.



Shape	Profile/Radius	Diameter	Nut	Part #
Half Bullnose	A - 3/16"	3-1/2"	5/8" - 18	400039-18
Half Bullnose	A - 3/8"	3-1/2"	5/8" - 18	400038-18
Half Bullnose	B - 1/2"	3-1/2"	5/8" - 18	400012-18
Half Bullnose	C - 3/4"	4"	5/8" - 18	400034-18
45° Bevel	E - 45° Bevel	4"	5/8" - 18	400040-18

Barranca Diamond, part of the MK Diamond Products Inc. family, has been manufacturing quality lapidary equipment and diamond tools for over 50 years.



BD7 Trim Saw

The BD7 is a benchtop trim saw perfect for cutting lapidary or glass materials up to 1-3/16" thick. All-aluminum construction makes it corrosion resistant. The 1/3 hp direct drive motor ensures quick, clean cuts and requires no maintenance. The sealed ball bearing motor shaft requires no lubrication.

Motor	1/3 HP Soga			
Motor RPM	3,300			
Voltage	115V 60Hz			
Blade Capacity	7" (178 mm)			
Depth Of Cut	1-3/16" (25 mm)			
Oil Capacity	1/3 gallons			
Max. Vise Opening	2-3/4" (70 mm)			
L x W x H (inches)	17" x 18" x 12"			
L x W x H (mm)	432 x 457 x 305			
Weight	28 lbs.			
Part#	8302014			
Model	110V Saw Only	110V Saw with Vise & Hood	220V Saw Only	220V Saw with Vise & Hood
Part#	170789	168765	170789-220	169780



BD10 Power Feed Trim Saw

This benchtop power-feed trim saw is ideal for cutting your facet materials or rock slabs. The all-aluminum construction ensures corrosion resistance while the high-impact copolymer hood minimizes spray. A 1/3 hp continuous-duty motor ensures quick, clean cuts. A built-in automatic thermal shut-off switch protects it from overheating.

Motor	Electric 1/3 HP			
Motor RPM	1,725			
Blade Shaft	5/8" (16 mm)			
Voltage	110V / 60 Hz			
Blade Capacity	8" - 10" (203 mm- 254mm)			
Depth Of Cut (manual)	3" (76 mm)			
Depth Of Cut (power feed)	2-5/8 (67 mm)			
Oil Capacity	8" blade: 2/3 gallons 10" blade: 1/3 gallons			
Max. Vise Opening	3-1/4" (82 mm)			
L x W x H (inches)	27" x 17" x 19"			
L x W x H (mm)	686 x 432 x 482			
Weight	73 lbs			
Part#	168787			

BD10 with 220V/50 Hz motor available by special order. Part # 169201



HP14 Slab Saw

The HP14 Slab Saw is a benchtop production-grade saw that's ideal for both the professional and hobbyist. It's 14" diamond blade will cut material up to 4-5/8" thick. Rock vise has 5-7/8" opening for easy and secure clamping of materials.

Motor	Electric 1/2 HP
Voltage	110V / 60 Hz
Blade Capacity	14" (356 mm)
Depth of Cut	4-5/8" (117 mm)
Oil Capacity	2-1/5 gallons
Max. Vise Opening	5-3/4" (146 mm)
L x W x H (inches)	41" x 27" x 19"
L x W x H (mm)	1,041 x 686 x 483
Weight	170 lbs.
Part#	8302014
Optional	Stand
Part#	166153

220 volt 50 Hz export motor available.



HP18-24 Slab Saw

This heavy-duty slab saw will satisfy your large format cutting needs. The 1-1/2 hp motor cuts material up to 10" thick. The saw offers continuously variable vise feed rate of 0-0.5 in./min., ideal cutting of various lapidary materials. Large format vise opens to a maximum of 18" for cutting big slabs.

Motor	Electric 1-1/2 HP		
Voltage	120V / 60 Hz		
Max. Vise Opening	18" (457 mm)		
L x W x H (inches)	65" x 37" x 48"		
L x W x H (mm)	1,651 x 940 x 1,219		
Weight	720 lbs.		
Blade Capacity	18" (457 mm)	20" (509 mm)	24" (610 mm)
Depth of Cut*	6-1/2" (165 mm)	7-1/2" (191 mm)	9-1/2" (241 mm)
Oil Capacity	23 gallons with pump	23 gallons with pump	15 gallons with Splash Style
Part#	8302024		
Optional	Pump Kit		
Part#	172897		

220 volt 50 or 60 Hz motors available as special order.

*Maximum depth of cut will vary depending on size and shape of specimen.



HP30 Slab Saw

The HP30 Slab Saw is an ideal saw for large rocks, minerals and glass. Designed for use with oil as a coolant to deliver the best cutting speed and blade life.

Motor	2 Hp
Voltage	220V/60Hz
Blade Capacity	30" (762 mm)
Depth of Cut	12-1/2"*
Oil Capacity	25 gallons
Max. Vise Opening	18" (457 mm)
L x W x H (inches)	67" x 37" x 49"
L x W x H (mm)	1,701 x 940 x 1,245
Weight	875 lbs
Part#	168084

50 Hz export motor available.

*Maximum depth of cut will vary depending on size and shape of specimen.

LAPIDARY BLADES (WET)



MK-301 lapidary blades require a petroleum based or synthetic cutting oil as a cutting fluid/coolant. Water is not suitable to use with these blades and will result in damage to the blade's cutting capacity and will void the warranty. The blades should not be used dry under any circumstances.

MK-301 Gemking™

MK-301 Gemking lapidary blades have a solid diamond sintered kerf providing excellent coolant flow. The MK-301 provides superior cutting performance for hard materials such as agate, petrified wood or jade.

Diameter	Width	Arbor	Part#
5" (127mm)	.030	5/8"	171249
6" (152 mm)	.040	5/8"	166066
8" (203 mm)	.040	5/8"	166067
10" (254 mm)	.040	5/8"	166068
12" (305 mm)	.065	1"	166069
14" (356 mm)	.065	1"	166070
14" (356 mm)	.080	1"	168536
16" (406 mm)	.085	1"	166071
18" (457 mm)	.085	1"	166072
20" (508 mm)	.085	1"	166073



Rim Height: 6.5 mm

Special arbors available upon request. Stock arbors can be bushed to smaller sizes. Please specify at time of order.

MK-303 Professional Blades

The MK-303 Professional grade lapidary diamond blade has been designed for cutting rare and valuable materials when waste needs to be held to a minimum and speed of cut is essential. The MK-303 produces smoother cuts, lasts longer and cuts faster than ordinary notched rim or plated diamond blades. Designed for use with a water soluble coolant.



Segmented design for blades 14" and above

Diameter	Width	Arbor	Part#
4" (102 mm)	.014	1/2"	153742
4" (102 mm)	.014	5/8"	153743
4" (102 mm)	.020	1/2"	153629
4" (102 mm)	.020	5/8"	153689
5" (127 mm)	.020	1/2"	153739
5" (127 mm)	.020	5/8"	153740
6" (152 mm)	.014	1/2"	153744
6" (152 mm)	.014	5/8"	153745
6" (152 mm)	.020	1/2"	153691
6" (152 mm)	.020	5/8"	153692
6" (152 mm)	.032	1/2"	153630
6" (152 mm)	.032	5/8"	153690
6" (152 mm)	.040	5/8"	156659
6" (152 mm)	.060	5/8"	157179
7" (178 mm)	.030	1"	169744
7" (178 mm)	.050	5/8"	156722
8" (203 mm)	.025	5/8"	153693
8" (203 mm)	.025	1"	153741
8" (203 mm)	.032	5/8"	153694
8" (203 mm)	.060	5/8"	156723
9" (229 mm)	.060	5/8"	156724
10" (254 mm)	.032	5/8"	153695
10" (254 mm)	.040	5/8"	153696
10" (254 mm)	.050	5/8"	156725
10" (254 mm)	.060	5/8"	157180
12" (305 mm)	.065	1"	156726
14" (356mm)	.070"	1"	156727
16" (406 mm)	.085	1"	156728
18" (457 mm)	.085	1"	156729
20" (508 mm)	.100	1"	156730
24" (610 mm)	.100	1"	156731
30" (762 mm)	.125	1"	156732
36" (914 mm)	.200	1"	157046



Rim Height: 5mm

Special arbors available upon request. Stock arbors can be bushed to smaller sizes. Please specify at time of order. 16" and larger are segmented blades.



MK-297 Rimlock Supreme Lapidary Blade

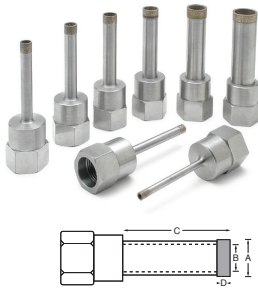
The Di-Met Rimlock diamond blade from MK Diamond Products delivers excellent performance. The narrow teeth of the Rimlock allow for optimal fast cutting of hard materials. The Di-Met Rimlock lapidary blade is ideal for cutting agate, jasper and rhodonite. This blade is designed to be used with oil or water.

Diameter	Width	Arbor	Part#
4" (102 mm)	.028	5/8"	172950
5" (127 mm)	.031	5/8"	172951
6" (152 mm)	.031	5/8"	172952
7" (178 mm)	.031	5/8"	172953
8" (203 mm)	.039	5/8"	172954
10" (254 mm)	.043	5/8"	172955
12" (305 mm)	.051	1"	172956



Rim Height: 7 mm

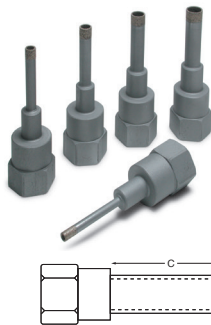
LAPIDARY CORE BITS (WET)



A: Outside dimension
B: Inside dimension
C: Drill depth
D: Diamond depth

MK Lapidary Core Bits Premium Core Bits

A	B	C	D	Nut	Part#
3/16"	.10"	2-1/4"	.25"	3/4"-16	156507
1/4"	.20"	2-1/4"	.25"	3/4"-16	156508
5/16"	.25"	2-1/4"	.25"	3/4"-16	156509
3/8"	.30"	2-1/4"	.25"	3/4"-16	156510
7/16"	.35"	2-1/4"	.25"	3/4"-16	156511
1/2"	.40"	2-1/4"	.25"	3/4"-16	156512
5/8"	.50"	2-1/4"	.25"	3/4"-16	156513
3/4"	.60"	2-1/4"	.25"	3/4"-16	156514



A: Outside dimension
B: Inside dimension
C: Drill depth
D: Diamond depth

MK Lapidary Core Bits Premium Core Bits

A	B	C	D	Nut	Part#
3/16"	.10"	1-1/2"	.25"	5/8"-11	159564
1/4"	.20"	1-1/2"	.25"	5/8"-11	159565
5/16"	.25"	1-1/2"	.25"	5/8"-11	159566
3/8"	.30"	1-1/2"	.25"	5/8"-11	159567
7/16"	.35"	1-1/2"	.25"	5/8"-11	159568
1/2"	.40"	1-1/2"	.25"	5/8"-11	159569
5/8"	.50"	1-1/2"	.25"	5/8"-11	159570
3/4"	.60"	1-1/2"	.25"	5/8"-11	159571



MASONRY

MK Diamond masonry products provide the features and quality that professionals require. Our masonry saws, diamond blades and diamond core bits are especially designed to tackle any brick, paver or masonry cutting job.





MK-1080 10" Wet/Dry Cutting Brick Saw

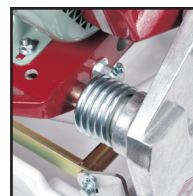
The MK-1080 is a lightweight and portable brick saw. The high torque, 1-1/2 Hp motor delivers plenty of power to cut pavers and hard brick. The steel frame provides durability and strength, while the spring-loaded cutting head is balanced and improves operator visibility during all cutting operations. One-year limited warranty.

Motor	Electric	
Power	1-1/2 Hp, 120V	
Blade Capacity	10" (254 mm)	
Arbor Size	5/8" (127 mm)	
Depth of Cut	3-3/4" (95 mm)	
Length of Cut	16" (406 mm)	
L x W x H (inches)	33" x 23" x 23"	
L x W x H (mm)	838 x 584 x 584	
Weight	98 lbs. (44 kg)	
Includes	<ul style="list-style-type: none"> • Water Pump • Rip Guide 	
Part#	153203	
Optional	Stand	Stand w/casters
Part#	168244	169243

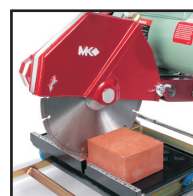
Available with 220V/50Hz motor
Blade not included.



Cutting table travels on steel roller wheels to provide precise cutting

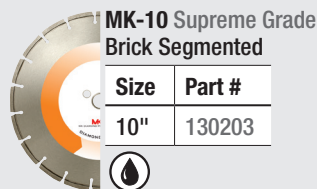


Recoil spring counterbalanced cutting head



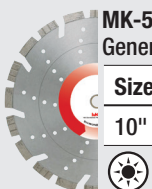
Heavy-duty blade shaft assembly with dual-sealed bearings

Recommended Diamond Blades



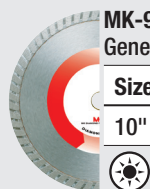
MK-10 Supreme Grade
Brick Segmented

Size	Part #
10"	130203



MK-565SKMR Supreme Grade
General Purpose Segmented

Size	Part #
10"	168037



MK-925D Supreme Grade
General Purpose Turbo

Size	Part #
10"	150672





BX-3 (Dry)



BX-3 (Wet)

U.S. Patent No. D451,109;
U.S. Patent No. 6,687,972;
other patents pending.

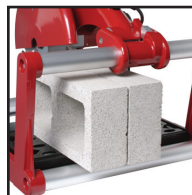
BX-3 1-3/4 Hp, 14" Wet/Dry Cutting Masonry Saws

The BX-3 dry and wet cutting saws are portable and lightweight masonry saws. The open-back design allows for large materials to pass through with an 8"x 8"x14" cutting capacity. Includes 14" Diamond Blade.

Motor	115V/60 Hz	
Horsepower	1-3/4 Hp	
RPM	3500	
Blade Capacity	14"	
Arbor Size	1"	
Depth of Cut	5" (127mm)	
Length of Cut	16" (406mm)	
Weight	50 lbs. (22.7kg)	
L x W x H (inches)	30" x 22" x 18"	
L x W x H (mm)	762 x 559 x 457	
Includes	<ul style="list-style-type: none"> • 14" Dry Diamond Blade • Rip Guide 	
Model	BX-3 (Dry)	BX-3 (Wet)
Part#	157721X	157721WX
Optional	Stand (Dry)	Stand (Wet)
Part#	157981	168244



Easy to grip
nylon handle



Open-back design
allows for large
materials to pass
through



Exclusive motor filter
protects motor from
dust particle damage



MK-2001SV



MK-2002-16

Scan or
visit link
for video



mkdiamond.com/mov/2000.html

MK-2000 Electric Series Wet/Dry Cutting Masonry Saw

The powerful MK-2000 brick saw features include a unique and innovative open-back design allowing large material to be easily cut. The cast aluminum blade guard has stainless steel water tubes that will not bend or rust. The blade shaft assembly is built with sealed, permanently lubricated, heavy-duty bearings for long maintenance free life. The recoil spring return cutting head makes plunge cutting quick and easy. One-year limited warranty.

Model	MK-2001SV	MK-2002	MK-2002-16
Engine/Motor	Electric	Electric	Electric
Power	1-1/2 Hp, 115V	2 Hp, 115/230V	2 Hp, 230V
Blade Capacity	14" (356 mm)	14" (356 mm)	16" (356 mm)
Arbor Size	1" (25 mm)	1" (25 mm)	1" (25 mm)
Depth of Cut	5" (127 mm)	5" (127 mm)	6" (127 mm)
Length of Cut	16" (406 mm)	16" (406 mm)	16" (406 mm)
L x W x H (inches) L x W x H (mm)	34" x 25" x 32" 864 x 635 x 813	34" x 25" x 32" 864 x 635 x 813	34" x 25" x 32" 864 x 635 x 813
Weight	157 lbs. (71.2 kg)	163 lbs. (73.9 kg)	180 lbs
Includes	<ul style="list-style-type: none"> • 14" Dry Cutting Diamond Blade • Electric Water Pump • Rip Guide 	<ul style="list-style-type: none"> • 14" Dry Cutting Diamond Blade • Electric Water Pump • Rip Guide 	<ul style="list-style-type: none"> • 16" Dry Cutting Diamond Blade • Electric Water Pump • Rip Guide
Part#	161195	150598	150598-16
Optional	Stand		
Part#	153331		



Stay level blade guard allows for maximum depth of cut



Open-back design allows for material up to 16" long to be cut



Fork lift brackets for ease of transportation



Scan or
visit link
for video



mkdiamond.com/mov/2000.html

MK-2005H Gas Saw 14" Wet/Dry Cutting Masonry Saws

The MK-2005H Gas Saw has been designed for high-production cutting. The pull-down handle on the cutting head prevents operator fatigue and increases visibility during all cutting operations. Jig-welded, reinforced steel construction, combined with sturdy die cast aluminum uprights, provide positive alignment. Specially located forklift brackets under the frame provide lifting control points for ease of transportation. One-year limited warranty.

Blade Capacity	14" (356 mm)
Arbor Size	1" (25 mm)
Depth of Cut	5" (127 mm)
Length of Cut	16" (406 mm)
Model	MK-2005H
Engine/Motor	Honda (Gas)
Power	GX160 Cyclone*
L x W x H (inches)	41" x 25" x 42"
L x W x H (mm)	1,041 x 635 x 1,067
Weight	187 lbs. (84.8 kg)
Includes	<ul style="list-style-type: none"> • 14" Dry Cutting Diamond Blade • Centrifugal Water Pump • Rip Guide
Part#	155961
Optional	Stand
Part#	153331

*Engine Power Information listed on page 127.



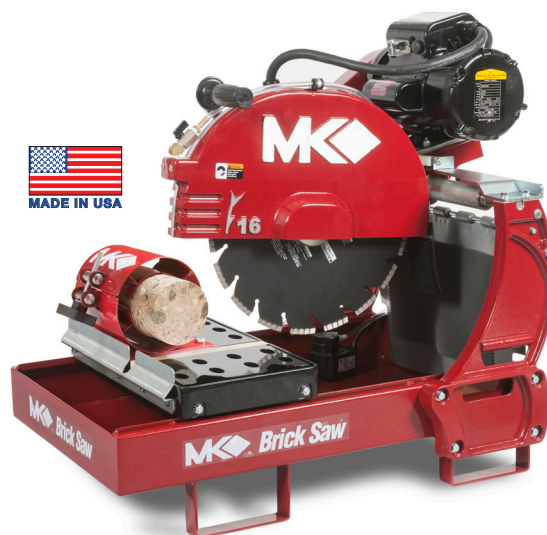
Shock-absorbing
engine mounts for
smooth operation



Self-priming
centrifugal
water pump



MK-2002E



MK-2002-16

MK-2000 Series Wet/Dry Cutting Core Saw

These precision built saws are designed for rapid and accurate sawing of exploratory core specimens. The integral core holders provides for rapid and safe cutting of cylindrical core samples. Adjustable height cutting head accommodates specimen sizes between 1" and 5" in diameter. One-year limited warranty.

Model	MK-2002E	MK-2005G	MK-2002-16
Engine/Motor	Electric	Honda (Gas)	Electric
Power	2 Hp, 220V	GX160 Cyclone	2 Hp 230V
Motor RPM	3,100	3,600	3,450
Blade Capacity	14" (350 mm)	14" (350 mm)	16" (406 mm)
Depth of Cut	5" (127 mm)	5" (127 mm)	6.2" (157 mm)
Length of Cut	16" (406 mm)	16" (406 mm)	16" (406 mm)
L x W x H (inches)	34" x 25" x 32"	38" x 24" x 39"	34" x 25" x 32"
L x W x H (mm)	864 x 635 x 813	965 x 610 x 991	864 x 635 x 813
Weight	172 lbs. (78 kg)	171 lbs. (77.5 kg)	180 lbs. (81.6 kg)
Includes	<ul style="list-style-type: none"> • Core Sample Holder • 14" Wet Cutting Diamond Blade • Water Pump • Heavy Duty Folding Saw Stand 	<ul style="list-style-type: none"> • Core Sample Holder • 14" Wet Cutting Diamond Blade • Water Pump • Heavy Duty Folding Saw Stand 	<ul style="list-style-type: none"> • 16" Wet/Dry Cutting Diamond Blade • Water Pump • 6" Core Clamp
Part#	158751	166423	150598-16-CC
Optional	Stand		
Part#	153331		



Stay level blade guard allows for maximum depth of cut



Open-back design allows for material up to 16" long to be cut



Fork lift brackets for ease of transportation



United States patent No:
7,284,547, 7,159,586 and 6,687,972

BX-4™ 1-3/4 Hp, 14" Wet/Dry Cutting Masonry Saw

The BX-4™ is the only lightweight masonry saw to use a patent pending misting system to control dust generated during cutting. The ergonomically designed handle allows for easy operation and control from either the left or right hand. Unique features include a removable plastic tray and a locking table. The adjustable depth stop prevents cutting through the table. One-year limited warranty.

Motor	Electric	
Power	1-3/4 Hp, 120V	
Blade Capacity	14" (356 mm)	
Arbor Size	1" (25 mm)	
Depth of Cut	5" (127 mm)	
Length of Cut	16" (406 mm)	
L x W x H (inches)	35" x 24" x 21"	
L x W x H (mm)	889 x 610 x 533	
Weight	70 lbs. (32 kg)	
Includes	<ul style="list-style-type: none"> • 14" Dry Cutting Diamond Blade • Water Tank (Misting system only) • Rip Guide 	
Model	BX-4™ (Misting)	BX-4™ (Non-Misting)
Part#	165486	162761
Optional	Stand with casters	GFCI
Part#	162771	152610



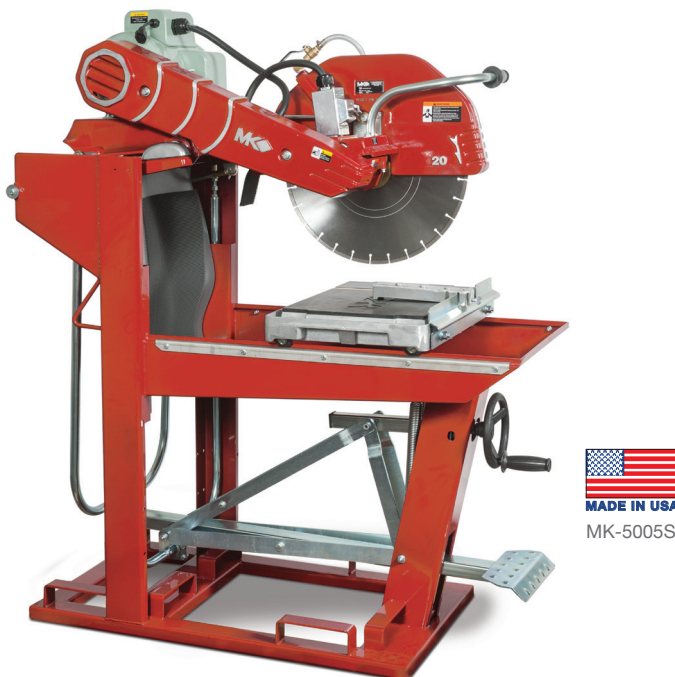
Patent Misting System significantly reduces amount of dust during cutting



Table can be removed or locked in place for ease of travel



Removable filter protects motor from dust particles



MK-5000 Electric Series Wet Cutting Block Saws

The MK-5000 Series of block saws set the quality standard for durability and maintenance-free operation. These saws are specially designed to provide the highest level of productivity, operator safety and convenience. Heavy-duty cast aluminum and steel parts ensure the finest value in the masonry and stone industry. One-year limited warranty.

Motor	Electric					
Length of Cut	20" (508 mm)					
L x W x H (inches)	53" x 26" x 63"					
L x W x H (mm)	1,346 x 660 x 1,600					
Includes	• Electric Water Pump • Rip Guide					
Model	MK-5005S		MK-5005T		MK-5007T	
Power	5 Hp, 1PH		5 Hp, 3PH		7.5 Hp, 3PH	
Weight	445 lbs. (202 kg)		451 lbs. (205 kg)		485 lbs. (220 kg)	
Blade Guard	14"	20"	14"	20"	14"	20" 24"
Depth of Cut	5" (127 mm)	8" (203 mm)	5" (127 mm)	8" (203 mm)	5" (127 mm)	8" (203 mm) 10" (254 mm)
208-230V Part#	160634-14	160634	160636-14	160636	160641-14	160641 160641-24
460V Part#	—	—	160637-14	160637	160642-14	160642 160642-24
Model	MK-5010S			MK-5010T		
Power	10 Hp, 1PH			10 Hp, 3PH		
Weight	503 lbs. (228 kg)			503 lbs. (228 kg)		
Blade Guard	14"	20"	24"	14"	20"	24"
Depth of Cut	5" (127 mm)	8" (203 mm)	10" (254 mm)	5" (127 mm)	8" (203 mm)	10" (254 mm)
208-230V Part#	169328-14	169328-20	169328	169330-14	169330-20	169330
460V Part#	—	—	—	169331-14	169331-20	169331

Motor available in other electrical configurations.
Blade not included.



Open-back
allowing for
materials up
to 20" long



Aluminum
conveyor
cart with
vulcanized
rubber,
non-slip top



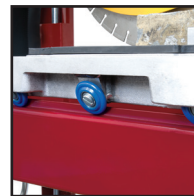
MK-5000 Super-Matic Series

Wet Cutting Industrial Saws

The MK-5000 Series of heavy-duty industrial saws have been designed to meet the demands of industrial production. 1" self-aligning pillow block bearings, along with a host of innovative operator conveniences and safety features, boost productivity and efficiency. One-year limited warranty.

Motor	Electric	
Length of Cut	20" (508 mm)	
L x W x H (inches)	53" x 26" x 63"	
L x W x H (mm)	1,346 x 660 x 1,600	
Includes	<ul style="list-style-type: none"> • Electric Water Pump • Rip Guide 	
Model	MK-5010S Super-Matic	MK-5010T Super-Matic
Power	10 Hp, 230V 1PH	10 Hp, 230V 3PH 10 Hp, 460V 3PH 10 Hp, 575V 3PH
Weight	513 lbs. (233 kg)	513 lbs. (233 kg)
Blade Guard	24"	24"
Depth of Cut	10" (254 mm)	10" (254 mm)
230V Part#	166929 (1PH)	166930 (3PH)
460V Part#	•	166931 (3PH)
575V Part#	•	169335 (3PH)
Optional	Higgins Jig	Higgins Jig w/ Riser
Part#	169548	170158

Motor available in other electrical configurations.
Blade not included.



Heavy-duty 6 wheel conveyor cart to support additional weight



Supermatic features an advanced Blade Guard System for added operator safety



NEMA 4X rated 3PH Motor Starter is proof against rain and hose directed water. Magnetic disconnect prevents accidental restart if electrical current is disrupted.



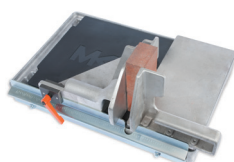
MK-5000 Gas Series Wet Cutting Block Saws

The MK-5000 Series gas block saw provides power and jobsite performance when a gas-powered saw is the only option. Equipped with a self-priming water pump, isolation mounts to prevent operator fatigue due to engine vibration and an ergonomic control handle. Daily greasing of bearings is eliminated with a heavy-duty oil-bath blade shaft that is standard equipment on these saws. One-year limited warranty.

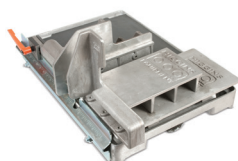
Length of Cut	20" (508 mm)					
L x W x H (inches)	60" x 26" x 72"					
L x W x H (mm)	1,524 x 660 x 1,826					
Includes	<ul style="list-style-type: none"> • Centrifugal Water Pump • Rip Guide 					
Model	MK-5009G			MK-5013G		
Engine	Honda (Gas)			Honda (Gas)		
Power	GX270 Cyclone*			GX390 Cyclone*		
Weight	498 lbs. (225 kg)			513 lbs. (233 kg)		
Blade Guard	14"	20"	24"	14"	20"	24"
Depth of Cut	5" (127 mm)	8" (203 mm)	10" (254 mm)	5" (127 mm)	8" (203 mm)	10" (254 mm)
Part#	158935-14	158935	158935-24	158936-14	158936	158936-24

*Engine Power Information listed on page 127.
Blade not included.

CORNER VENEER FIXTURE



Higgins Jig
For cutting veneer corners.



Higgins Jig with riser
For cutting veneer flats
& corners.

Scan or
visit link
for video



mkdiamond.com/mov/higgins_jig.html

Higgins Jig Corner and Flat Veneer Fixtures

The patent pending design allows for a two-step process for cutting right angle corners, paver corners and lintel corners. When compared to the usual 4 to 5 step process – the Higgins Jig can reduce cutting time to just 8 to 10 seconds, depending on the type of material being cut.

The Higgins Jig and riser combination provides increased speed of veneer cuts. By reducing the cutting stroke, cutting time is reduced by 20%.

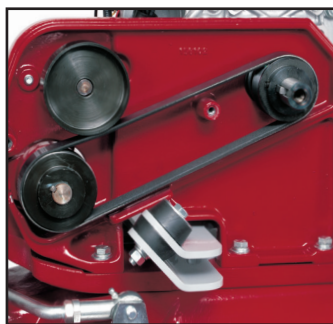
Although increased production is one of the major advantages, safety is the most important feature of the Higgins Jig. Both of the operator's hands are safely guarded from the blade at all times by hand-hold guards. The Higgins Jig will fit any MK-5000 series saw.

Higgins Jig	169548
Higgins Jig with Riser	170158

MK-5000 Gas Features



Available with Honda Engines from 9 to 13 horsepower.



Drive System

Micro V-Belt design drive system for more power transfer.



Centrifugal Water Pump

Self-priming centrifugal water pump offers low maintenance. Easy to disengage for dry cutting.



Heavy-Duty Isolation Mounts

Heavy-duty isolation mounts prevent operator fatigue due to engine vibration.

Standard Features on all MK-5000



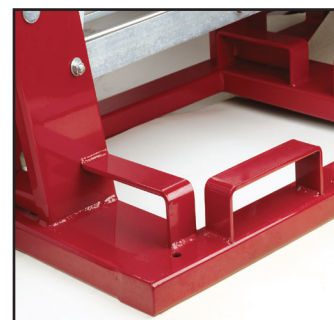
Open-Back Design

Easy removal of heavy-duty splash curtain provides an open-back allowing for materials up to 20" long to be cut.



Built-in Tie-downs

Built-in tie-downs for safe saw transport.



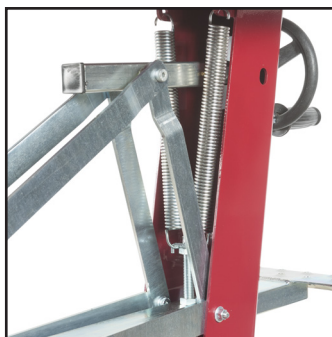
Built in Forklift Bracket

Heavy-duty built-in forklift brackets allow lift to approach from the front or either side of the saw.



Optimum Blade Coverage

Self-leveling blade guard provides optimum blade coverage for operator safety.



Spring-Assisted Cutting Head

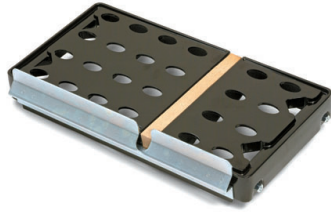
The spring-assisted cutting head allows for easier step cutting. The ergonomically designed handle with molded grip provides operator comfort.



Spherical Rod Ends

For long term accuracy and rigidity.

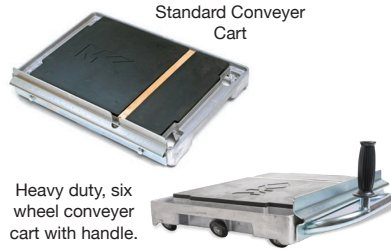
Conveyor Cart



For use with BX3, BX4
and MK-2000 Series Saws.

Part#
133082

Conveyor Carts



Heavy duty, six
wheel conveyor
cart with handle.

For use with MK-5000 Series Saws.

Standard	Heavy Duty
Part# 152124	Part# 165991

Rip Guide



Part#
132332-MK

Electric Water Pump



For use with MK-2000 Series
electric saws 115V / 60 Hz

Part#
151271-MK

Electric Water Pumps



For use with MK-5000 Series
electric saws 115V / 60 Hz

Part#
160509

Centrifugal Water Pump



MK-2000 (Gas)	MK-5000 (Gas)
Part# 161126	Part# 152355

Power Cord Adapter



Male: Twist Style Adapter
(L5-20P 20 Amp/125V) Female: Standard
(5-15R 15 Amp/125V)

Part#
152659

Power Cord Adapter



Female: Twist Style Adapter
(L5-20R 20 Amp/125V) Male: Standard
(5-15P 15 Amp/125V)

Part#
150960

Core Holder



For use with MK-2000 and 5000 Series Saws.
Requires drilling saw table for mounting on
MK-5000 Series Saws.

Part#
161123

Core Clamp

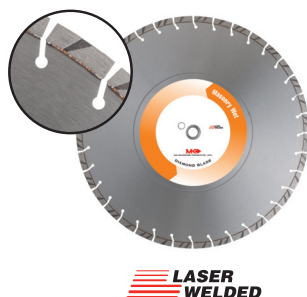


For use with MK-2002-16-CC

Part#
172189



LASER WELDED



LASER WELDED



LASER WELDED

GENERAL PURPOSE
HIGH SPEED (DRY)

LASER WELDED



SPEED BOOST LASER WELDED

MK-10 Supreme Brick Blades

A soft matrix blade that provides fast, efficient cutting and a long life on all types of brick, especially those in the harder range.

Diameter	Width	Arbor	Part#
10" (254 mm)	.090	5/8"	130203
14" (356 mm)	.125	1"	128777
18" (457 mm)	.125	1"	128785
20" (508 mm)	.125	1"	128793



Segment Height: 10 mm

Additional blade diameters and special arbors available upon request.

Stock arbors can be bushed to smaller sizes: please specify at time of order.

MK-30 Supreme Block/Brick Blades

A medium-hard matrix blade designed to cut both brick and block. This combination blade allows cutting a wide variety of material.

Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	128652
18" (457 mm)	.125	1"	128660
20" (508 mm)	.142	1"	128678
24" (610 mm)	.165	1"	156413



Segment Height: 10 mm

MK-50 Supreme Block Blades

A hard matrix blade designed especially for cutting block, both precision and slump. Provides good cutting speed and long blade life in abrasive materials.

Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	128744
18" (457 mm)	.142	1"	128751
20" (508 mm)	.142	1"	128769
24" (610 mm)	.165	1"	153165



Segment Height: 10 mm

MK-742D Supreme Grade Blade for Hard Brick

The MK-742D is a high-performance diamond blade for cutting hard, dense materials. The arrayed diamonds are aligned to provide maximum abrasion and material removal. This blade contains the highest quality synthetic diamonds.

Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	162551



Segment Height: 10 mm

MK-762DMX™ Supreme Blades

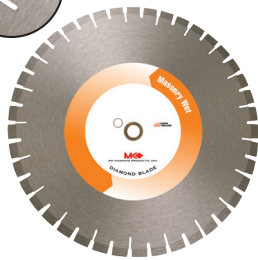
The MK-762DMX is the industry's first blade engineered to use an arrayed pattern of diamonds for maximum performance on a broad range of materials.

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	161291
14" (356 mm)	.125	1"	161293
16" (406 mm)	.125	1"	161294
18" (457 mm)	.125	1"	161295
20" (508 mm)	.142	1"	161296



Segment Height: 10 mm

REFRACTORY (WET)



**LASER
WELDED**

MK Diamond refractory diamond blades cut a wide range of materials and high-temperature ceramics. All refractory blades have been designed with engineered laser-welded segments, high-temperature steel cores and time-tested bonds for improved performance on refractory materials.

MK-410R Supreme Acid/Hard Brick Blades

The MK-410R was designed to cut through brick with a hardness of 5,000 to 8,000 psi.

Diameter	Width	Arbor	Part#
18" (457 mm)	.135	1"	167951
20" (508 mm)	.145	1"	167952



Segment Height: 10 mm

MK-440R Supreme Brick Blades

For cutting 80% alumina and basic hard brick.

Diameter	Width	Arbor	Part#
14" (356 mm)	.110	1"	136382
18" (457 mm)	.125	1"	136390
20" (508 mm)	.125	1"	136499



**LASER
WELDED**



Segment Height: 10 mm

MK-450R Supreme Brick Blades

Supreme Grade Blades for 50% Super Duty Hard Brick

Diameter	Width	Arbor	Part#
14" (356 mm)	.100	1"	128801
18" (457 mm)	.125	1"	128819
20" (508 mm)	.125	1"	128827



**LASER
WELDED**



Segment Height: 10 mm

MK-480R Supreme Brick Blades

For cutting soft abrasive mulite, silica and brick.

Diameter	Width	Arbor	Part#
14" (356 mm)	.100	1"	128835
18" (457 mm)	.125	1"	128843
20" (508 mm)	.125	1"	128850



**LASER
WELDED**



Segment Height: 10 mm

MK-480RSL Supreme Silent Core Blades

The MK-480RSL diamond blade has been engineered with a notched segment to provide superior performance. The specially formulated bond resists glazing of the diamond segments in even the hardest of materials and ensures fast, free cutting.

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	159298
14" (356 mm)	.125	1"	158895
16" (406 mm)	.125	1"	159299
18" (457 mm)	.140	1"	159300
20" (508 mm)	.140	1"	159099



**LASER
WELDED**



Segment Height: 8 mm



**LASER
WELDED**



**LASER
WELDED**

BX-10 Premium Hard Brick Blade

Diameter	Width	Arbor	Part#
14" (356 mm)	.110	1"	157957



Segment Height: 10" mm

BX-30 Premium Brick/Block Blade

Diameter	Width	Arbor	Part#
14" (356 mm)	.110	1"	157944



Segment Height: 10 mm

TUCK POINT (DRY)

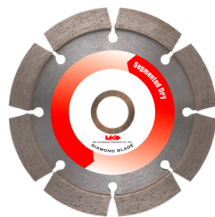
MK Diamond offers a full range of tuck point blade sizes and specifications for all masonry tuckpointing applications. Each tuck point blade has been designed for maximum removal of mortar from masonry joints.

Vector Tuck Point

Tuck point blades are used with angle grinders and tuck pointers for fast mortar removal, grout repair and cleaning of concrete applications.



Diameter	Width	Arbor	Part#
4" (102 mm)	.250	7/8"-5/8"	168299
4-1/2" (114 mm)	.250	7/8"-5/8"	168301



SINTERED

MK-299DT Standard Tuck Point Blade

MK-299DT Standard Tuck Point Blade, sintered with narrow slots for fast, efficient mortar removal and grout repair.

Diameter	Width	Arbor	Part#
4" (102 mm)	.250	7/8"-5/8"	156655
4-1/2" (114 mm)	.250	7/8"-5/8"	159463
4-1/2" (114 mm)	.375	7/8"-5/8"	169027
5" (127 mm)	.250	7/8"-5/8"	159483
7" (178 mm)	.250	7/8"-5/8"	159484

Segment Height: 10 mm



.250 width

MK-304DT Premium Tuck Point Blade

Diameter	Width	Arbor	Part#
4" (102 mm)	.250	7/8"-5/8"	153150
4-1/2" (114 mm)	.250	7/8"-5/8"	155174
5" (127 mm)	.250	7/8"-5/8"	154009
6" (152 mm)	.250	7/8"-5/8"	154010
7" (178 mm)	.250	7/8"-5/8"	154011
8" (203 mm)	.250	7/8"-5/8"	154012



SINTERED



Segment Height: 10 mm



**LASER
WELDED**



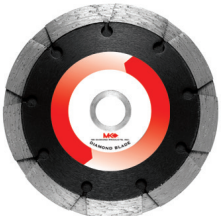
.250 width



SINTERED



.250 width



**LASER
WELDED**



.250 width



.375 width

MK-404DT Supreme Blades

MK-404DT Supreme Tuck Point Blade, laser welded with long slots and a higher diamond count; for mortar removal and grout repair

Diameter	Width	Arbor	Part#
4" (102 mm)	.250	7/8"-5/8"	139790
4" (102 mm)	.375	7/8"-5/8"	151112
4" (102 mm)	.500	7/8"-5/8"	156541
4-1/2" (114 mm)	.250	7/8"-5/8"	156771
4-1/2" (114 mm)	.500	7/8"-5/8"	150569
5" (127 mm)	.155	7/8"-5/8"	150746
5" (127 mm)	.250	7/8"-5/8"	150182
5" (127 mm)	.375	7/8"-5/8"	152378
6" (152 mm)	.250	7/8"-5/8"	140228
7" (178 mm)	.187	7/8"-5/8"	153210
7" (178 mm)	.250	7/8"-5/8"	139683
7" (178 mm)	.375	7/8"-5/8"	151395
8" (203 mm)	.250	7/8"-5/8"	139691
8" (203 mm)	.375	7/8"-5/8"	150663
9" (229 mm)	.250	7/8"-5/8"	151011
10" (254 mm)	.250	1"	150360

Segment Height: 10 mm

MK-304STK Premium Fast Cutting Blades

The MK-304STK sandwich tuck point diamond blades utilize premium quality segmented blades press-fit in a unique pattern that results in aggressive removal of old mortar in masonry. Cutting speeds exceed 30% of conventional tuck point diamond blades.

Diameter	Width	Arbor	Part#
4" (102 mm)	.250	7/8"-5/8"	168158
4-1/2" (114 mm)	.250	7/8"-5/8"	168160
4-1/2" (114 mm)	.375	7/8"-5/8"	172185
5" (127 mm)	.250	7/8"-5/8"	168159
5" (127 mm)	.375	7/8"-5/8"	172186



Segment Height: 10 mm

MK-404STK Supreme Fast Cutting Blades

The MK-404STK stacked blade has been designed for the quick removal of old mortar in masonry joints. The stacked blade design allows for a faster rate of removal for greater productivity.

Diameter	Width	Arbor	Part#
4" (102 mm)	.250	7/8"-5/8"	161176
4-1/2" (114 mm)	.250	7/8"-5/8"	164143
4-1/2" (114 mm)	.375	7/8"-5/8"	164144
5" (127 mm)	.250	7/8"-5/8"	162862
5" (127 mm)	.375	7/8"-5/8"	171279



Segment Height: 10 mm

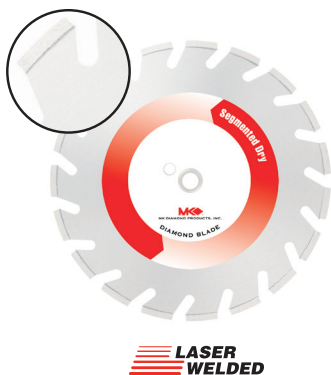
MASONRY BLADES (DRY)



MK-414D Standard High Speed Blades for Hard Brick

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	20 mm-5/8"	150720
5" (127 mm)	.080	7/8"-5/8"	151458
6" (152 mm)	.090	DM-5/8"	151404
7" (178 mm)	.090	DM-5/8"	150666
8" (203 mm)	.090	DM-5/8"	151405
9" (229 mm)	.090	7/8"	151814Y
10" (254 mm)	.095	DM-5/8"	151406
12" (305 mm)	.125	20 mm	150624Z
12" (305 mm)	.125	1"	150624
14" (356 mm)	.110	20 mm	140251Z
14" (356 mm)	.110	1"	140251
14" (356 mm)	.125	20 mm	151391Z
14" (356 mm)	.125	1"	151391
16" (406 mm)	.125	1"	151165
18" (457 mm)	.142	1"	140269
20" (508 mm)	.142	1"	137349
24" (610 mm)	.155	1"	152632

Segment Height: 7 mm



MK-414DSP Premium Wide Slot Hard Brick Blades

Diameter	Width	Arbor	Part#
12" (305 mm)	.110	1"	155893
14" (356 mm)	.125	1"	155894



Segment Height: 10 mm

HARD BRICK (DRY)



MK-414PB Supreme Penter Brick Blades

The MK-414PB (Penter Brick Blade) has been specifically engineered to cut hard/dense brick. The turbo segment design provides additional cooling and cutting performance.

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	7/8"-5/8"	159814
4-1/2" (114 mm)	.080	7/8"-5/8"	167988
7" (178 mm)	.090	DM-5/8"	159815
8" (203 mm)	.090	DM-5/8"	159820
10" (254 mm)	.090	5/8"	159816
12" (305 mm)	.125	1"	159817
14" (356 mm)	.125	20 mm	159629Z
14" (356 mm)	.125	1"	159629
16" (406 mm)	.125	1"	165938
18" (457 mm)	.142	1"	168711
20" (508 mm)	.142	1"	167693



Segment Height: 10 mm

FIBER CEMENT SIDING (DRY)



MK Plank Cutter®

MK Diamond Plank Cutter® has been designed for minimal dust generation when cutting Hardi® Plank, wall board and fiber cement siding.

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	7/8"-20mm-5/8"	156993
4-1/2" (114 mm)	.080	7/8"-20mm-5/8"	157045
7" (178 mm)	.080	DM-5/8"	156994
10" (254 mm)	.090	DM-5/8"	156995



Rim Height: 10 mm

GENERAL PURPOSE (DRY)



Vector Segmented Rim Standard Blades

Segmented rim for fast, aggressive cuts. Ideal for cutting concrete, stone, brick, block, and paver.

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	7/8"-20mm-5/8"	168298*
4-1/2" (114 mm)	.080	7/8"-20mm-5/8"	168300*
5" (127 mm)	.080	7/8"-5/8"	170229
7" (178 mm)	.090	DM-7/8"-5/8"	168303*
10" (254 mm)	.080	DM-7/8"-5/8"	168305
12" (305 mm)	.125	1"-20mm	167307
12" (305 mm)	.125	20mm	167308
14" (356 mm)	.125	1"	168306
16" (406 mm)	.125	1"	168307
18" (457 mm)	.142	1"-20mm	168308
20" (508 mm)	.142	1"-20mm	168309



*Blades also available in bulk packs of 5 blades.

Vector Segmented Rim 5-Blade Bulk Pack

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"-20mm	169241
14" (356 mm)	.125	1"	167150



Vector Turbo Rim Standard Blades

Turbo rim for fast, smooth cuts. Ideal for cutting concrete, granite, brick, paver, sandstone, stucco, and roof tile.

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	7/8"-20mm-5/8"	168310*
4-1/2" (114 mm)	.080	7/8"-20mm-5/8"	168311*
7" (178 mm)	.090	DM-7/8"-5/8"	168313*
10" (254 mm)	.090	DM-7/8"-5/8"	168315
12" (305 mm)	.125	1"-20mm	168316
14" (356 mm)	.125	1"-20mm	168317



*Blades also available in bulk packs of 5 blades.

GENERAL PURPOSE HIGH SPEED (DRY)

MK Diamond offers a variety of general purpose, high-speed, dry-cutting blades to meet any price point and cut any material.



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MK-299D Standard Blades

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	20mm-5/8"	156416
4-1/2" (114 mm)	.080	7/8"-5/8"	157588
7" (178 mm)	.090	DM-5/8"	156417
12" (305 mm)	.100	1"	157715
14" (356 mm)	.125	1"	157716
20" (508 mm)	.142	1"	160684

Segment Height: 10 mm

MK-404D Supreme Blades

The MK-404D is the industry standard in performance and blade life. The 404D uses an exclusive bond that secures the diamond longer and allows the blade to cut faster.

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	20mm-5/8"	136713
4-1/2" (114 mm)	.080	7/8"- 5/8"	152439
5" (127 mm)	.080	7/8"- 5/8"	150627
7" (178 mm)	.090	DM-5/8"	136739
7" (178 mm)	.125	7/8"- 5/8"	150662
8" (203 mm)	.090	DM-5/8"	136747
8" (203 mm)	.125	1"	151340
9" (229 mm)	.090	DM-5/8"	151037
10" (254 mm)	.090	DM-5/8"	136770
12" (305 mm)	.110	1"	137307
12" (305 mm)	.125	7/8"	137307Y
12" (305 mm)	.125	1"	150403
12" (305 mm)	.125	20mm	150403Z
12" (305 mm)	.250	1"	150517
12" (305 mm)	.375	1"	150387
12" (305 mm)	.500	1"	153718
14" (356 mm)	.125	1"	137315
14" (356 mm)	.125	20mm	137315Z
14" (356 mm)	.250	1"	150247
14" (356 mm)	.375	1"	151448
14" (356mm)	.500	1"	153958
16" (406 mm)	.125	1"	151847
16" (406 mm)	.125	20mm	151847Z
18" (457 mm)	.142	1"	153385
20" (508 mm)	.142	1"	154218



Segment Height: 10 mm

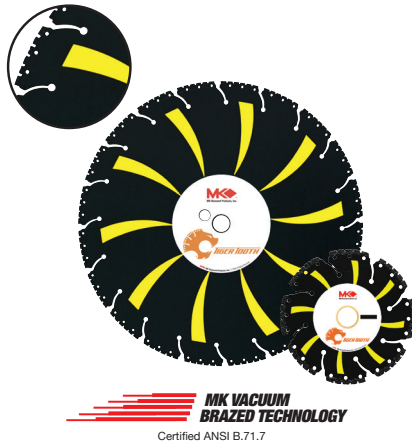
MULTIPURPOSE (DRY)



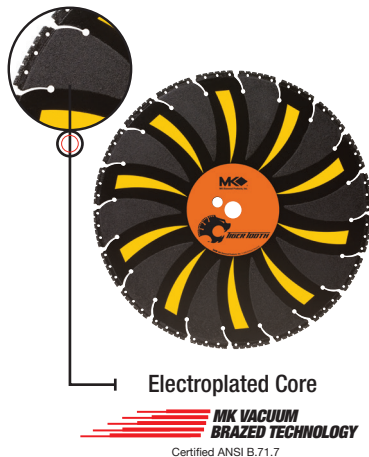
Scan or
visit link
for video



mkdiamond.com/mov/tigertooth.html



Certified ANSI B.71.7



Electroplated Core

Certified ANSI B.71.7

MK Diamond Multipurpose blades have been specially designed to cut all types of materials. The "Tiger Tooth" vacuum braze technology adheres the diamond to the surface of the segment, ensuring 100% of the diamonds are being used. There are no bonds to wear away, enabling the diamond to work at its peak performance in steel, ductile pipe, plastic, wood, concrete, masonry and other construction materials.

MK-304RCK Premium Demolition

Tiger Tooth multipurpose blade cuts wood, plastic, steel, concrete, masonry and ductile pipe.

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	7/8"-5/8"	162784
4-1/2" (114 mm)	.080	7/8"-5/8"	162785
7" (178 mm)	.090	DM-7/8"-5/8"	162786
8" (203 mm)	.090	DM-7/8"-5/8"	165890
9" (229 mm)	.095	DM-7/8"-5/8"	165109
12" (305 mm)	.125	7/8"	163930Y
12" (305 mm)	.125	1"	163930
14" (356 mm)	.142	20 mm	163931Z
14" (356 mm)	.125	1"	163931
16" (406 mm)	.125	1"	167423



Segment Height: 7 mm

MK-404RCK Supreme Demolition

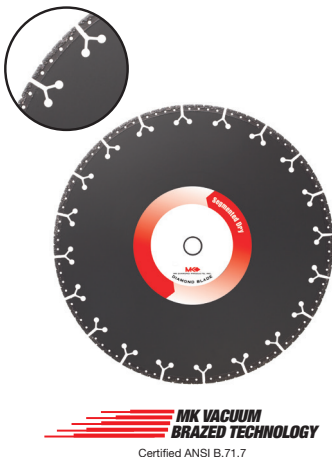
Tiger Tooth multipurpose blade with electroplated core for wood, plastic, steel, concrete, masonry and ductile pipe.

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	162716
14" (356 mm)	.125	1"	162550
16" (406 mm)	.125	1"	168079
18" (457 mm)	.125	1"	170721
20" (508 mm)	.125	1"	172763



Segment Height: 7 mm

MULTIPURPOSE (DRY)



Certified ANSI B.71.7

MK-204RCK Y-Gullet Blades

Y-Gullet blades for masonry materials can be used wet or dry. This blade has vacuum brazed diamonds for maximum cutting performance.

Diameter	Width	Arbor	Part#
10" (254 mm)	.110	U/A	168894
14" (356 mm)	.137	1"	168895
18" (457 mm)	.137	1"	168896
20" (508 mm)	.150	1"	168897
24" (610 mm)	.175	1"	168915



Segment Height: 9 mm

BLOCK (DRY)



**LASER
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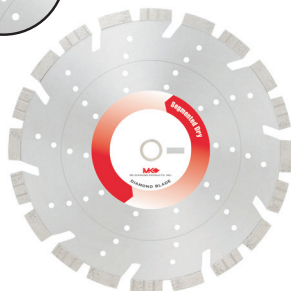
MK-444D Supreme High Speed Blades

Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	150382
18" (457 mm)	.142	1"	150383
20" (508 mm)	.142	1"	150384



Segment Height: 10 mm

GENERAL PURPOSE (DRY)



**LASER
WELDED**

MK-565SKMR Supreme Blades

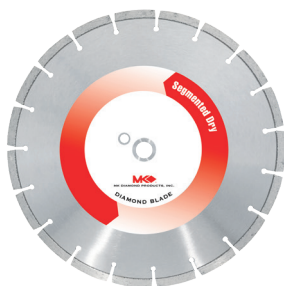
The MK-565SKMR blade aggressively cuts a wide range of materials including concrete, masonry, brick and block. Cooling slots, varying in size, eject cutting debris and maximize air flow to keep the blade cool. Alternating diamond segment patterns ensure maximum contact with material being cut.

Diameter	Width	Arbor	Part#
4" (102 mm)	.090	7/8"	168032
4-1/2" (114 mm)	.090	7/8"	168033
5" (127 mm)	.090	7/8"	168034
7" (178 mm)	.090	7/8"	168035
8" (203 mm)	.090	7/8"	168036
10" (254 mm)	.090	DM - 7/8" - 5/8"	168037
12" (305 mm)	.125	20 mm	160989Z
12" (305 mm)	.125	1"	160989
14" (356 mm)	.125	1"	160617
14" (356 mm)	.125	20 mm	160617Z
16" (406 mm)	.125	1"	160737
18" (457 mm)	.142	1"	168040
20" (508 mm)	.125	1"	168038



4"-10" Segment Height: 10 mm
12"-20" Segment Height: 15 mm

GENERAL PURPOSE SEGMENTED (DRY)



**LASER
WELDED**

MK-799D Premium Blades

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	20 mm-5/8"	154249
4-1/2" (114 mm)	.060	7/8"-5/8"	157467
7" (178 mm)	.090	DM-5/8"	154250
8" (203 mm)	.090	DM-5/8"	154350
10" (254 mm)	.090	DM-5/8"	154713
12" (305 mm)	.110	1"	152204
12" (305 mm)	.110	20 mm	152204Z
12" (305 mm)	.125	1"	156245
12" (305 mm)	.125	20 mm	156245Z
14" (356 mm)	.125	1"	156246
14" (356 mm)	.125	20 mm	156246Z
16" (406 mm)	.140	1"	158939
16" (406 mm)	.140	20 mm	158939Z
20" (508 mm)	.142	1"	152740



Segment Height: 10 mm



IDEAL FOR CUTTING:

ASPHALT
BLOCK
GRANITE
BRICK
CONCRETE
BLUESTONE
PAVERS



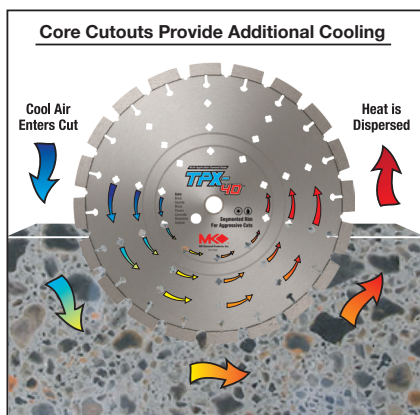
TPX-40 Supreme Grade Multi-Application Blades

The TPX-40™ multi-application diamond blade is designed for maximum life and speed. A newly developed bond allows for cutting a wide variety of materials including brick, granite, block, pavers, concrete, bluestone and asphalt.

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	7/8" - 5/8"	168483
4-1/2" (114 mm)	.080	7/8" - 5/8"	168484
5" (127 mm)	.080	7/8" - 5/8"	168485
6" (152 mm)	.090	7/8" - 5/8"	168486
7" (178 mm)	.090	DM - 7/8" - 5/8"	168487
8" (203 mm)	.090	DM - 7/8" - 5/8"	168488
9" (229 mm)	.090	DM - 7/8" - 5/8"	168489
10" (254 mm)	.090	DM - 7/8" - 5/8"	168490
12" (305 mm)	.125	1" - 20 mm	168491
14" (356 mm)	.125	1" - 20 mm	168492
16" (406 mm)	.125	1" - 20 mm	168493
18" (457 mm)	.125	1" - 20 mm	168494
20" (508 mm)	.145	1" - 20 mm	168495



4"-10" Segment Height: 10 mm
12"-20" Segment Height: 15 mm



• **NOISE REDUCTION**

The laser welded segment over the gullet design helps to reduce noise by as much as 10db while providing efficient removal of cutting debris

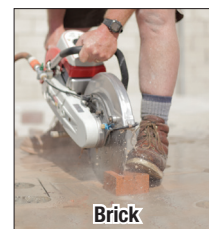
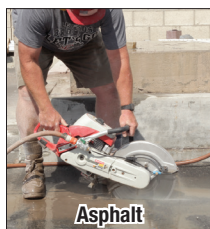
• **COOLER CUTTING**

The additional core cutouts provide improved cooling during deep cutting, which helps keep the core from warping or losing tension.

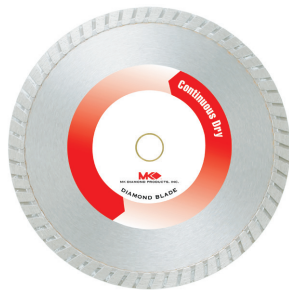
• **LONGER LIFE**

The tall segment heights provide 30% more cutting life; 10" and smaller diameter blades have a 10mm segment height and the 12" and larger diameter blades are 15mm.

7 IN 1 MULTI-APPLICATION DIAMOND BLADES



GENERAL PURPOSE TURBO (DRY)



MK-625D Standard Blades

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	20 mm -5/8"	155930
4" (102 mm)	.080	7/8"-5/8"	155933
4-1/2" (114mm)	.080"	20mm-5/8"	157396
5" (127 mm)	.080	7/8"-5/8"	158345
7" (178 mm)	.080	DM-5/8"	155931
7" (178 mm)	.080	7/8"-5/8"	155931Y
9" (229 mm)	.090	DM-7/8"-5/8"	165721
10" (254 mm)	.090	DM-5/8"	158358
12" (305 mm)	.125	20 mm	158559
12" (305 mm)	.125	1"	159969
14" (356 mm)	.125	20 mm	158560
14" (356 mm)	.125	1"	159970



Rim Height: 10 mm

MK-TLX Turbo Segmented Blades

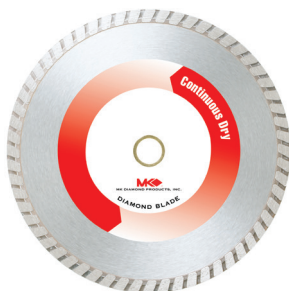
The MK-TLX General Purpose Diamond Blade features a slanted keyhole designed gullet that provides easy slurry removal and air circulation for heat dissipation. The tall segment height provides long cutting life; 9" and smaller diameter blades have a 13mm segment height and the 10" and larger diameter blades are 15mm. They are engineered to provide optimum cutting performance under most conditions while maintaining an extra long service life. They cut concrete, brick, pavers, sandstone, stucco, roof tile and block.

Diameter	Width	Arbor	Part#
4" (102 mm)	.095	7/8"-5/8"	171160
4-1/2" (114 mm)	.095	7/8"-5/8"	171161
5" (127 mm)	.095	7/8"-5/8"	171162
6" (152 mm)	.095	7/8"-5/8"	171163
7" (178 mm)	.110	DM-7/8"-5/8"	171164
8" (203 mm)	.110	DM-7/8"-5/8"	171165
9" (229 mm)	.118	DM-7/8"-5/8"	171166
10" (254 mm)	.118	DM-7/8"-5/8"	171167
12" (305 mm)	.135	1"-20 mm	171168
14" (356 mm)	.142	1"-20 mm	171169



4"-9" Diameter Segment Height: 13 mm
10"-14" Diameter Segment Height: 15 mm

HARD MATERIAL TURBO (DRY)



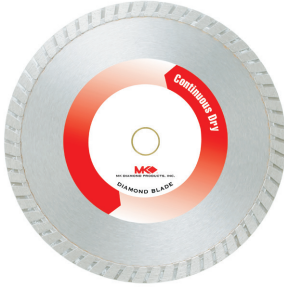
MK-915D Premium Hard Material Blades

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	20 mm-5/8"	152747
4-1/2" (114 mm)	.080	20 mm-5/8"	153583
4-1/2" (114 mm)	.080	7/8"-5/8"	153580
5" (127 mm)	.080	7/8"-5/8"	153311
7" (178 mm)	.090	DM-5/8"	152748
8" (203 mm)	.090	DM-5/8"	153313
9" (229 mm)	.090	DM-5/8"	153314
10" (254 mm)	.090	DM-5/8"	153315
12" (305 mm)	.125	1"	153578
14" (356 mm)	.125	1"	153579



Rim Height: 10 mm

**GENERAL PURPOSE
TURBO (DRY)**



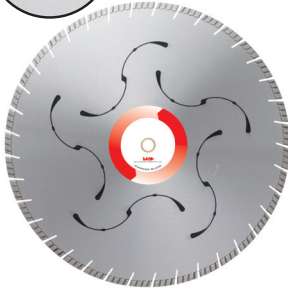
SINTERED

MK-925D Supreme Blades

Diameter	Width	Arbor	Part#
3-3/8" (86 mm)	.070	15 mm	152708
4" (102 mm)	.080	20 mm-5/8"	150667
4" (102 mm)	.080	7/8"-5/8"	150667Y
4-1/2" (114 mm)	.080	20 mm-5/8"	151763
4-1/2" (114 mm)	.080	7/8"-5/8"	151762
5" (127 mm)	.080	7/8"-5/8"	151885
6" (152 mm)	.080	7/8"-5/8"	150668
7" (178 mm)	.090	DM-5/8"	150669
7" (178 mm)	.090	7/8"-5/8"	150669Y
8" (203 mm)	.090	DM-5/8"	150670
8" (203 mm)	.090	7/8"-5/8"	150670Y
9" (229 mm)	.090	DM-5/8"	150671
9" (229 mm)	.090	DM-7/8"-5/8"	150671Y
10" (254 mm)	.090	DM-5/8"	150672
12" (305 mm)	.110	1"	150673
12" (305 mm)	.110	20 mm	150673Z
12" (305 mm)	.125	1"	153162
12" (305 mm)	.125	20 mm	153162Z
14" (356 mm)	.110	1"	150674
14" (356 mm)	.110	20 mm	150674Z
14" (356 mm)	.125	1"	153163
14" (356 mm)	.125	20 mm	153163Z
16" (406 mm)	.125	1"	156923
18" (457 mm)	.125	1"	159097

Rim Height: 10 mm
12"-18" Diameter Segmented Turbo Rim

**GENERAL PURPOSE
TURBO (WET)**



MK-925DSLX
Slant Turbo Design

MK-925DSLX Supreme Hard Material Silent Core Blades

The 925DSLX are cost effective diamond blades with an epoxy filled pattern cut in the core. Laser Cut Cores achieve a reduction of 4 dB(A) compared to standard diamond blades. Reduction in sound level provides lower vibration that will increase tool life. Medium bond for less abrasive material.

Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	161283
20" (508 mm)	.145	1"	160971



Segment Height: 10 mm

CONCRETE

MK Diamond manufactures a wide variety of concrete saws engineered for high performance and reliability. From lightweight, portable saws for the general contractor, to high-horsepower, self-propelled saws for the concrete professional, MK Diamond has the equipment and diamond blades to complete any concrete project.





Scan or
visit link
for video



mkdiamond.com/mov/cx3.html

CX-3® Walk-Behind Concrete Saw

The CX-3® Walk-Behind Concrete Saw is for small to medium jobs that require power and portability. This compact, lightweight saw has been engineered for maneuverability and reliability. The built-in water distribution system supplies water to both sides of the blade. Cuts within 1" of wall or curb. One-year limited warranty.

Model	CX-3®		
Engine	Honda (Gas)		
Power	GX160 Cyclone*		
Blade Capacity	14" (356 mm)		
Depth of Cut	5-1/2" (140 mm)		
Arbor Size	1" (25 mm)		
L x W x H (inches)	32" x 19" x 42"		
L x W x H (mm)	813 x 483 x 1,067		
Weight	116 lbs. (53 kg)		
Part#	159345		
Optional	Water Tank Kit	Tachometer	Lifting Bail
	Part# 166784	153877	166781

*Engine Power Information listed on page 127.
Blade not included.



Water connection for wet cutting and dust suppression



Hinged blade guard provides easy access for blade changes and inspection.



Folding handle bar for compact transport



LASER WELDED

XTREME™ Series 14" Blades

Model	Width	Arbor	Part#
AX-10 Premium Asphalt Blade	.125	1"	159618
CX-10 Premium Cured Concrete Blade	.125	1"	159616
DX-10 Premium Cured Concrete Blade	.125	1"	159686
GX-10 Premium Green Concrete Blade	.110	1"	159620



Segment Height: 10 mm
12" diameters are available.



MK-1613H Standard

MK-1600 Gas Standard Walk-Behind Concrete Saw

All MK-1600 Series walk-behind concrete saws feature a one-piece box construction chassis made from 3/16" hot-rolled steel that will not flex during operation. Powder-coated chassis resists peeling and corrosion. The Standard model blade guard mounts on the right hand side and cuts within 2" of wall or curb. The Premium model blade guard mounts on both the left and right side of saw and cuts within 2" of wall or curb. One-year limited warranty.

Arbor Size	1" (25 mm)		
Blade Capacity	18" (457 mm)		
Depth of Cut	6-5/8" (168 mm)		
L x W x H (inches)	42" x 25" x 39"		
L x W x H (mm)	1,067 x 635 x 991		
Model	MK-1613H Standard	MK-1613H Premium	
Engine	Honda (Gas)	Honda (Gas)	
Power	GX390 Cyclone*	GX390 Cyclone*	
Weight	223 lbs. (101 kg)	233 lbs. (106 kg)	
Includes		<ul style="list-style-type: none"> • Built-in Depth Gauge • Lifting Bail 	
Part#	160832	160772	
Optional	Lifting Bail	6.5 Gallon Water Tank Kit	Tach/Hour Meter
Part#	157745	172622	153877

*Engine Power Information listed on page 127.
Blade not included.



Cast aluminum
hinged blade
guard



Premium
Series include
built-in Depth
gauge and
Tach/hour
Meter



Optional water
tank kit includes
lifting bail



MK-1610B Premium



MK-1600 Electric Premium Walk-Behind Concrete Saw

All MK-1600 Series walk-behind concrete saws feature a one-piece box construction chassis made from 3/16" hot-rolled steel that will not flex during operation. Powder-coated chassis resists peeling and corrosion. The left side mounted blade guard cuts within 2" of wall or curb. One-year limited warranty.

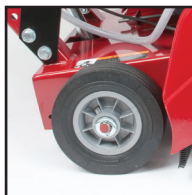
Arbor Size	1" (25 mm)	
Blade Capacity	18" (457 mm)	
Depth of Cut	6-5/8" (168 mm)	
L x W x H (inches)	42" x 25" x 39"	
L x W x H (mm)	1,067 x 635 x 991	
Model	MK-1605B Premium	MK-1610B Premium
Engine/Motor	Electric	Electric
Power	5 Hp 240V 1 PH	10 Hp 240V 1 PH
Weight	285 lbs. (129 kg)	380 lbs. (172 kg)
Includes	<ul style="list-style-type: none"> • Built-in Depth Gauge • Power connector • Lifting Bail 	<ul style="list-style-type: none"> • Built-in Depth Gauge • Lifting Bail
Part#	168099	168611

Model	MK-1610B Premium	MK-1610B Premium
Engine/Motor	Electric	Electric
Power	10 Hp 240V 3 PH	10 Hp 480V 3 PH
Weight	415 lbs. (188 kg)	415 lbs. (188 kg)
Includes	<ul style="list-style-type: none"> • Built-in Depth Gauge • Lifting Bail 	<ul style="list-style-type: none"> • Built-in Depth Gauge • Lifting Bail
Part#	167426	167427

Blade not included.



Positive-locking depth control mechanism



Durable non-slip rubber wheels with maintenance-free hubs



Rigid frame front pointer with high visibility guide wheel



MK-1813H 18" Walk-Behind Gas Concrete Saw

The MK-1800 Concrete Saw is designed for wet or dry, general application sawing. The heavy-duty frame is made from hot-rolled steel providing maximum durability and the reinforced box steel construction provides balanced weight distribution. The ergonomic vibration dampening handlebars reduce operator fatigue. The depth control assembly allows the blade to be raised and lowered to the desired cutting depth easily. The Micro-V 20J belt provides maximum power transmission to the blade shaft. One year limited warranty.

Model	MK-1813H
Engine	Honda (Gas)
Power	GX390 Cyclone*
Blade Capacity	18" (457 mm)
Depth of Cut	6-5/8" (168 mm)
Arbor Size	1" (25 mm)
L x W x H (inches)	48" x 20" x 41"
L x W x H (mm)	1,219 x 508 x 1,041
Weight	253 lbs. (115 kg)
Includes	<ul style="list-style-type: none"> • Built-in Depth Gauge • 6 Gallon Water Tank • Lifting Bail
Part#	172739

*Engine Power Information listed on page 127.
Blade not included.



Adjustable height handlebar for operator comfort



Ride-on-the-blade water distribution provides water to both sides of the blade for optimum cooling



6 gallon Water Tank with city water control valve/hook up



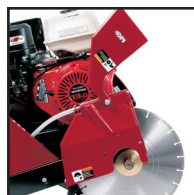
MK-2013HE

MK-20 Series Self-Propelled Concrete Saw

MK-20 Series of concrete saws combine innovation and engineering to produce one of the lightest, midsize self-propelled concrete saws available. Key to the design is the featured box frame and channel that produces a rigid frame, which helps reduce sawing-induced vibrations. Engine weight is evenly distributed over the blade shaft for added stability and tracking. Depth control assembly is engineered for smooth, controlled blade insertion. One-year limited warranty.

Arbor Size	1" (25 mm)	
L x W x H (inches)	46" x 26" x 37"	
L x W x H (mm)	1,168 x 660 x 940	
Includes	• Lifting Bail	
Model	MK-2013HE	MK-2013HSP
Engine	Honda (Gas)	Honda (Gas)
Starter	Electric	Pull
Power	GX390 Cyclone*	GX390 Cyclone*
Blade Capacity	18" (457 mm)	18" (457 mm)
Depth of Cut	6-5/8" (168 mm)	6-5/8" (168 mm)
Weight	290 lbs. (132 kg)	290 lbs. (132 kg)
Part#	155714	156499
Optional	6.5 Gallon Water Tank	Water Pump Kit
Part#	157852	172896

*Engine Power Information listed on page 127. Blade not included.



Cast aluminum hinged blade guard



Blade guard mounts on either left- or right-hand side of saw and cuts within 2" of wall or curb




Easy to use control panel, includes built-in tach/hour meter.

Recommended Diamond Blades


MK-505 Supreme Grade Cured Concrete

Size	Part #
16"	139238
18"	129072




MK-615W Premium Grade Asphalt over Concrete

Size	Part #
16"	150231
18"	150232




MK-710W Supreme Grade Asphalt

Size	Part #
16"	152646
18"	139089



MK-762DMX Supreme Grade General Purpose/Concrete

Size	Part #
16"	161294
18"	161295





MK-2420HSP



MK-2425KSP

MK-24 Series Self-Propelled Concrete Saw

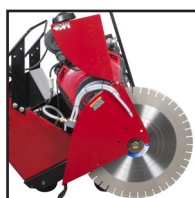
MK-24 Series of concrete saws combine innovation and engineering to produce one of the lightest, midsize self-propelled concrete saws available. Key to the design is the featured box frame and channel that produces a rigid frame, which helps reduce sawing-induced vibrations. Engine weight is evenly distributed over the blade shaft for added stability and tracking. Depth control assembly is engineered for smooth, controlled blade insertion. One-year limited warranty.

Arbor Size	1" (25 mm)		
L x W x H (inches)	49" x 25" x 45"		
L x W x H (mm)	1,245 x 635 x 1,143		
Includes	Lifting Bail		
Model	MK-2420HSP	MK-2424HSP	MK-2425KSP
Engine	Honda (Gas)	Honda (Gas)	Kohler (Propane)
Starter	Electric	Electric	Electric
Power	GX630 V-Twin*	GX690 V-Twin*	CH730LPG*
Blade Capacity	24" (610 mm)	24" (610 mm)	24" (610 mm)
Depth of Cut	9-5/8" (244 mm)	9-5/8" (244 mm)	9-5/8" (244 mm)
Weight	398 lbs. (181 kg)	404 lbs. (183 kg)	425 lbs. (193 kg)
Part#	170954	170955	170957
Optional	6.5 Gallon Water Tank**		Water Pump Kit
Part#	157852		172896

*Engine Power Information listed on page 127.

Blade not included.

**Not available for propane model



Hinged blade guard for easy inspection & blade changes

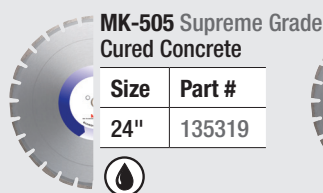


Blade guard uses ride-on-the-blade water tubes for superior water delivery & blade cooling



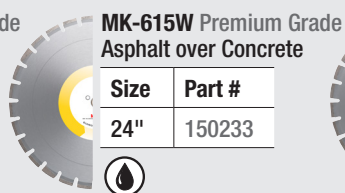
Control panel allows for quick access & ease of operation

Recommended Diamond Blades



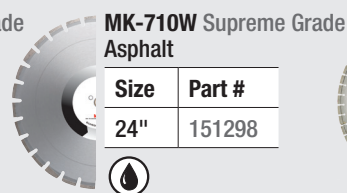
MK-505 Supreme Grade Cured Concrete

Size	Part #
24"	135319



MK-615W Premium Grade Asphalt over Concrete

Size	Part #
24"	150233



MK-710W Supreme Grade Asphalt

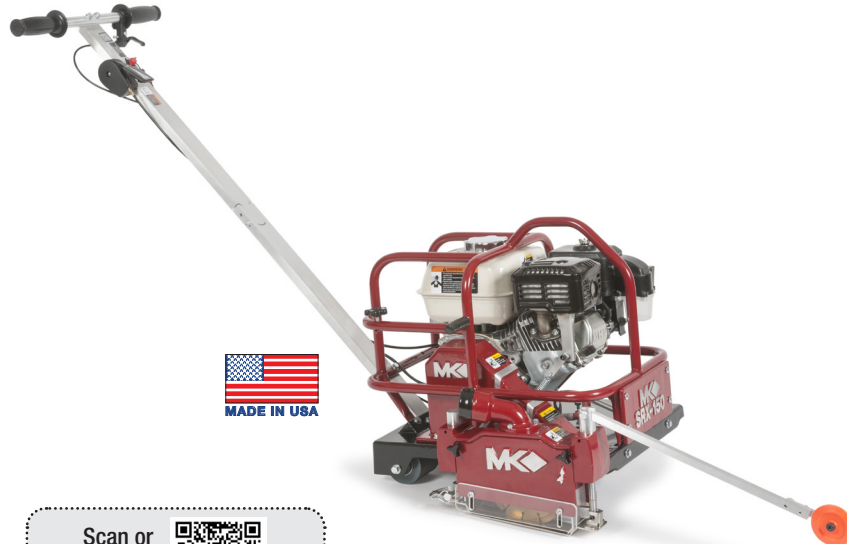
Size	Part #
24"	151298



MK-7501 Professional Cured Concrete

Size	Part #
24"	153305





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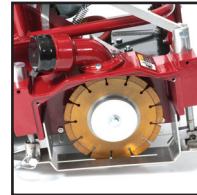
mkdiamond.com/mov/srx_series.html

SRX-150 Green Concrete Saw

Compact and lightweight, the SRX-150 dry cutting saw is engineered for early entry sawing of crack control joints within one to two hours of concrete finishing. The blade guard features a vacuum port to control dust when dry cutting. One year limited warranty.

Engine	Honda (Gas)	Kohler (Gas)
Horsepower	4.8 Hp	5.5 Hp
Starter	Pull	Pull
Power	GX160 Cyclone*	CH255 Quad Clean*
Blade Capacity	6-3/8" (162 mm)	6-3/8" (162 mm)
Depth of Cut	1-1/8" (29 mm)	1-1/8" (29 mm)
Arbor	Triangular	Triangular
L x W x H (inches)	32" x 19" x 42"	32" x 19" x 42"
L x W x H (mm)	813 x 483 x 1,067	813 x 483 x 1,067
Weight	88 lbs. (39.9 kg)	88 lbs. (39.9 kg)
Includes	Skid plate	Skid plate
Part#	172023-H	172023-K

*Engine Power Information listed on page 127.
Blade not included.



Anti-spall, quick
change skid plate



Vacuum port for
easy connection
to dust control
systems



Folding handle bar
for compact trans-
port and storage

Recommended Diamond Blades - Dry Cutting

GC-10 (purple)
Ultra Hard Aggregate

Size	Part #
6-3/8"	171934



GC-20 (green)
Hard Aggregate

Size	Part #
6-3/8"	171938



GC-30 (red)
Medium / Hard Aggregate

Size	Part #
6-3/8"	171282



GC-35 (orange)
Medium Aggregate

Size	Part #
6-3/8"	171959



GC-55 (yellow)
Medium / Soft Aggregate

Size	Part #
6-3/8"	171969



Skid plates sold separately. Replacement stainless steel skid plate part # 171286.
Blades fit Soff-Cut® saws without adapters.

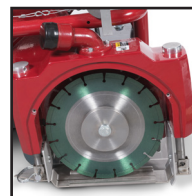


SRX-2000 Series Green Concrete Saw

The self-propelled SRX-2000 dry cutting saw is engineered for early entry sawing of crack control joints within one to two hours of concrete finishing. The blade guard features a vacuum port to control dust when dry cutting. One year limited warranty.

Model	SRX-2000HE
Engine	Honda (Gas)
Starter	Electric
Power	GX-270 Cyclone*
Blade Capacity	10" (254 mm)
Depth of Cut	1-5/8" (41 mm)
Arbor	Triangular
L x W x H (inches)	82" x 24" x 43-1/2"
L x W x H (mm)	2,083 x 610 x 1,105
Weight	295 lbs. (133. kg)
Includes	Skid plate
Part#	172235-E

*Engine Power Information listed on page 127.
Blade not included.



Anti-spall, quick change skid plate



Vacuum port for easy connection to dust control systems



Folding handle bar for compact transport and storage

Recommended Diamond Blades - Dry Cutting

GC-10 (purple)
Ultra Hard Aggregate

Size	Part #
10"	172620



GC-20 (green)
Hard Aggregate

Size	Part #
10"	171942



GC-30 (red)
Medium / Hard Aggregate

Size	Part #
10"	171953



GC-35 (orange)
Medium Aggregate

Size	Part #
10"	171963



GC-55 (yellow)
Medium / Soft Aggregate

Size	Part #
10"	171973



Skid plates sold separately. Replacement stainless steel skid plate part # 171287. Blades fit Soff-Cut® saws without adapters.

EARLY ENTRY CONCRETE BLADES



Green Cut dry cutting diamond blades are laser welded for use in green concrete. They are for early entry sawing of crack control joints within one to two hours of concrete finishing. The unique triangular shaped arbor fits Soff-Cut saws with no adapters.



	GC-10 Soft Bond	GC-20 Medium Soft Bond	GC-30 Medium Bond	GC-35 Medium Hard Bond	GC-55 Hard Bond
Diameter x Width	Ultra Hard Aggregate Non-Abrasive Sand	Hard Aggregate Non-Abrasive Sand	Medium / Hard Aggregate Medium Abrasive Sand	Medium Aggregate Medium Abrasive Sand	Medium / Soft Aggregate Abrasive Sand
5" x .095"	•	•	171948	•	•
5-1/2" x .095"	•	•	171949	•	•
6-3/8" x .100"	171934*	171938*	171282*	171959*	171969*
6-3/8" x .225"	•	171939	171950*	171960*	•
8" x .100"	171935	171940*	171951	171961	171970
8" x .225"	•	171941	171952	171962	•
10" x .100"	172620*	171942*	171953*	171963*	171973*
10" x .125"	•	171943*	171954	171964	•
12" x .125"	171936*	171944*	171955*	171965*	171971
12" x .250"	•	171945	171956	171966*	•
13-1/2" x .125"	171937*	171946*	171957*	171967*	171972*
13-1/2" x .250"	•	171947	171958	171968*	•



Skid plates sold separately.
* Bushed to 1" arbor.

Stainless Steel Skidplates



Size	Part#
Fits 5" Blades	171290
Fits 6-3/8" Blades	171286
Fits 10" Blades	171287
Fits 12" - 13-1/2" Blades	171288

Skid plates fit blades up to .125 width.



MK-3000 Pro Gas Series Self-Propelled Concrete Saws

The MK-3000 series Concrete Saws are big performance saws in small packages. They have been engineered to take advantage of the new breed of high horsepower V-Twin air-cooled engines from Briggs and Stratton and Kohler. They provide the cutting depth and power of traditional street saws with all the advantages of a smaller, more maneuverable saw. The saws are fully self-propelled, like their big brother, the MK-4000, and use an electric leadscrew to raise and lower the blade. One-year limited warranty.

Starter		Electric		Arbor		1" with 3/8" Drive Pin	
Travel Speed		0-220 FPM Forward, 0-100 FPM Reverse			Blade RPM		1900
Fuel Capacity		5.0 gallons			L x W x H (inches)		50" x 30-1/2" x 44"
					L x W x H (mm)		1,270 x 775 x 1,118
	Briggs & Stratton Vanguard				Kohler		
Engine	The Briggs & Stratton Vanguard 33 Hp engine air cooled V-Twin horizontal shaft engine is industry proven standard for Big Block engine power, performance and reliability. Features include Dura-Bore cast iron cylinder sleeves and a high efficiency OHV head design for improved efficiency, smoother idle, lower emissions and more power. Magnatron electronic ignition provides dependable starts with no required maintenance.				The Command Pro CH-980 is a V-Twin cylinder, air-cooled, 35 Hp horizontal-shaft engine that is built to last. OHV, cast iron cylinder liners, and aluminum block construction make the 4-cycle, Command PRO ready for the long haul. Overhead valve technology provides greater volumetric efficiency and a higher compression ratio. This produces more power, improved fuel economy and cooling and reduces oil consumption.		
Power	V-Twin Big Block OHV (33 Hp)				Command Pro CH-980* (35 Hp)		
Weight	650 lbs. (295 kg)				650 lbs. (295 kg)		
Model	MK-3020V	MK-3026V	MK-3030V	MK-3020K	MK-3026K	MK-3030K	
Blade Capacity	20" (508 mm)	26" (660 mm)	30" (762 mm)	20" (508 mm)	26" (660 mm)	30" (762 mm)	
Depth of Cut	7-1/2" (190 mm)	10-1/2" (267 mm)	12-1/2" (318 mm)	7-1/2" (190 mm)	10-1/2" (267 mm)	12-1/2" (318 mm)	
Part#	166447-20	166447-26	166447-30	166449-20	166449-26	166449-30	

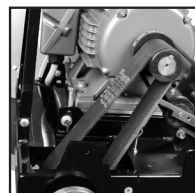
*Engine Power Information listed on page 127.
Blade not included.



Removable rear and lower front panel for easy service.



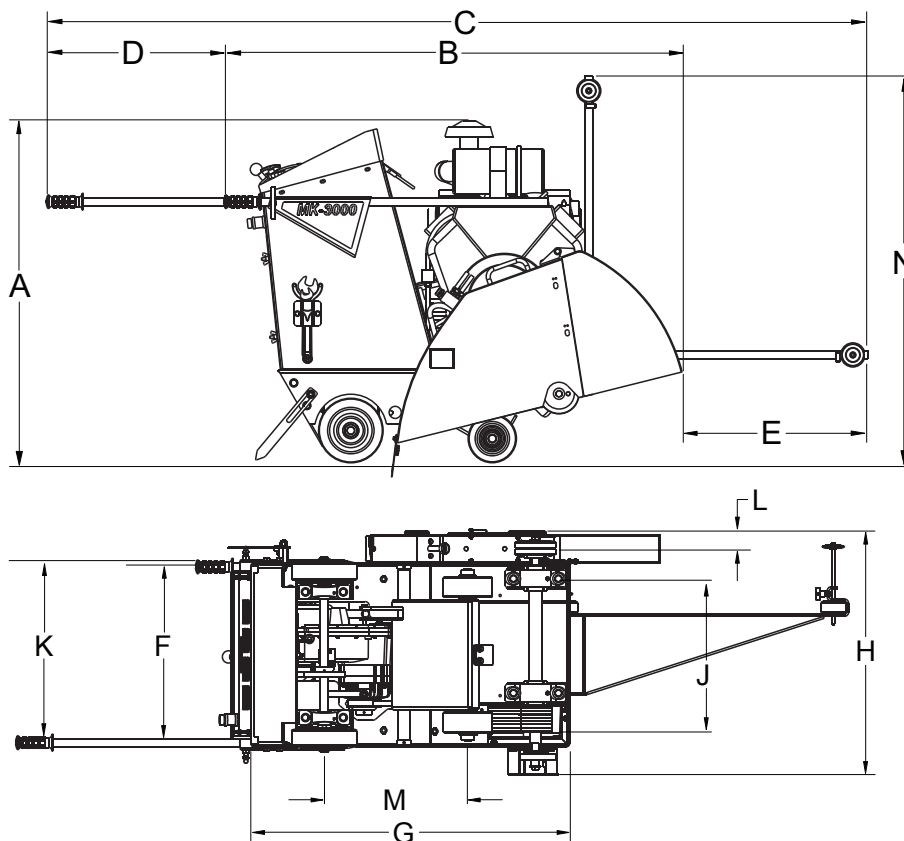
Saw designed for left or right side mounting of blade and blade guard.



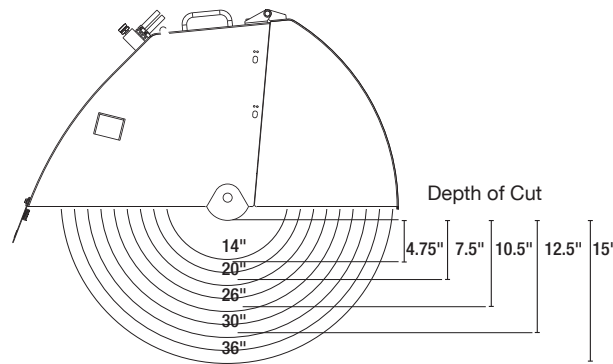
Seven 3VX belts from engine to blade shaft.

MK-3000 Features

- Totally enclosed and sealed blade shaft with continuous oil bath lubrication system with 35mm dual row ball bearings
- Three position adjustable solid steel handlebars
- Blade guard uses "ride on the blade" water tubes for superior water delivery and blade cooling
- Saw designed for left or right side mounting of blade and blade guard
- Rigid frame front pointer with high visibility guide wheel for accurate tracking
- Instrumentation includes engine tach, fuel level and hour meter
- Ergonomic FNR traverse control
- Depth of cut indicator
- Blade guard has garden hose style connector for quick disconnecting
- Removable rear panel for easy service
- Seven 3VX drive belts from engine to blade shaft
- Electric leadscrew for positive adjustment of cutting depth
- Wide front wheel base increases stability and allows ramp loading/unloading
- Eaton model 7 Hydrostatic transmission coupled to an MK trans-axle
- Meets all EPA exhaust and emission standards



Item	Description	Inches	(mm)
A	Height	44"	(1,092)
B	Minimum Saw Length	49-1/2"	(1,448)
C	Maximum Overall Length	109-3/4"	(2,591)
D	Handle Extension	22"	(559)
E	Maximum Pointer Extension	23"	(584)
F	Frame Width	22-1/2"	(572)
G	Frame Length	39"	(991)
H	Saw Width	30-1/2"	(756)
J	Outside to Outside Wheel Width - Front	19"	(483)
K	Outside to Outside Wheel Width - Rear	22-3/4"	(584)
L	Blade to Wall	1-13/16"	(51)
M	Wheel Base Length	20-1/4"	(445)
N	Maximum Overall Height (Pointer Up)	48"	(1,219)



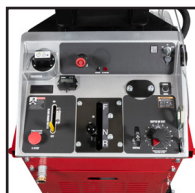


MK-3000 Pro Propane Series Self-Propelled Concrete Saws

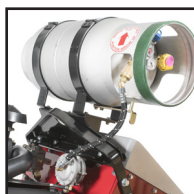
The MK-3000 Pro series Propane Saws are big performance saws in small packages. They have been engineered to take advantage of the new breed of high horsepower V-Twin air-cooled engine from Briggs and Stratton. They provide the cutting depth and power of traditional street saws with all the advantages of a smaller, more maneuverable saw. The saws are fully self-propelled, and use an electric leadscrew to raise and lower the blade. One-year limited warranty.

	Briggs & Stratton Vanguard		
Engine	The Briggs & Stratton 33 Hp engine air cooled V-Twin horizontal shaft engine is industry proven standard for Big Block engine power, performance and reliability. Features include Dura-Bore cast iron cylinder sleeves and a high efficiency OHV head design for improved efficiency, smoother idle, lower emissions and more power. Magnetron electronic ignition provides dependable starts with no required maintenance. Eight gallon horizontally mounted vapor delivery propane tank.		
Power	V-Twin Big Block OHV (33 Hp)		
Blade RPM	1900		
Starter	Electric		
Travel Speed	0-200 FPM Forward, 0-100 FPM Reverse		
Arbor	1" with 3/8" Drive Pin		
L x W x H (inches)	49-1/2" x 30-1/2" x 59"		
L x W x H (mm)	1,270 x 775 x 1,118		
Weight	732 lbs. (332kg)		
Model	MK-3020VP	MK-3026VP	MK-3030VP
Blade Capacity	20"	26"	30"
Depth of Cut	7-1/2" (191 mm)	10-1/2" (267 mm)	12-1/2" (318 mm)
Part#	166447-20P	166447-26P	166447-30P

*Engine Power Information listed on page 127.
Blade not included.



Instrumentation includes carbon monoxide monitor, engine tach, fuel level, hour meter, vernier throttle control for fast or fine adjustments and emergency stop control.



8 gallon propane tank and lifting bale.



Designed for left or right side mounting of blade and blade guard.



MK-3000 Pro Electric Series Self-Propelled Concrete Saws

The MK-3000 Electric Saw provides a solution for those environments and situations where electric power is the right choice, whether for indoor use or simply operator preference. The saw utilizes a three-phase, 20 Hp, electric motor in 230V or 460V to match the user's need. The saw features the same raise/lower system, self-propelled transmission and control set as other MK-3000s. An ammeter is provided to help monitor load when cutting. One year limited warranty.

Switch	IP 65 IEC Across the line starter		
Travel Speed	0-220 FPM Forward, 0-100 FPM Reverse		
Arbor	1" with 3/8" drive pin		
L x W x H (inches)	50" x 30-1/2" x 44"		
L x W x H (mm)	1,270 x 775 x 1,118 mm		
Motor	Electric		
Weight	700 lbs. (318kg)		
Model	MK-3020B	MK-3026B	MK-3030B
Power	20 Hp 230V 3PH	20 Hp 230V 3PH	20 Hp 230V 3PH
Blade Capacity	20" (508 mm)	26" (660 mm)	30" (762 mm)
Blade RPM	2,580	2,030	1,680
Depth of Cut	7-1/2" (191 mm)	10-1/2" (267 mm)	12-1/2" (318 mm)
Part#	167428-20	167428-26	167428-30
Model	MK-3020B	MK-3026B	MK-3030B
Power	20 Hp 460V 3PH	20 Hp 460V 3PH	20 Hp 460V 3PH
Blade Capacity	20" (508 mm)	26" (660 mm)	30" (762 mm)
Blade RPM	2,580	2,030	1,680
Depth of Cut	7-1/2" (191 mm)	10-1/2" (267 mm)	12-1/2" (318 mm)
Part#	167429-20	167429-26	167429-30

Blade not included.



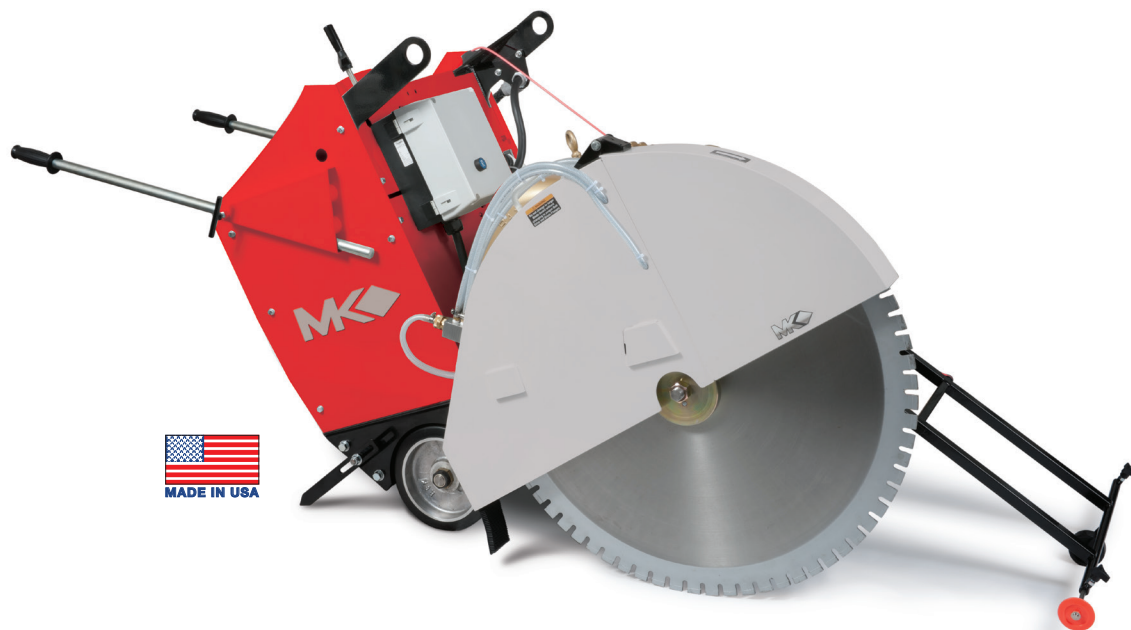
20Hp, 3 Phase, TEFC electric motor, providing 30ft-lb of torque.



Three position adjustable solid steel handle bars.



Blade guard has garden hose style connector for quick disconnecting.



MK-4000 Pro Electric Series Self-Propelled Concrete Saws

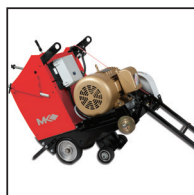
The MK-4000 Electric Saw provides a solution for those environments and situations where electric power is the right choice, whether for indoor use or simply operator preference. The saw utilizes a three-phase, 30 Hp, 460V electric motor. The saw features a hydraulic raise/lower system, self-propelled transmission and control set. The saw has an on-board battery to provide 12VDC power for raise/lower function when the saw is not plugged in, and has a transformer/battery charger to recharge the system automatically anytime the saw is connected to power. The saw can also be plugged into 120VAC to recharge or maintain the battery when the saw is not in use. An ammeter is provided to help monitor load when cutting. One-year limited warranty.

Switch	IP 65 IEC across the line starter			
Travel Speed	0-220 FPM Forward, 0-100 FPM Reverse			
L x W x H (inches)	64-1/4" x 34-3/4" x 47"			
L x W x H (mm)	1,632 x 883 x 1,200			
Motor	Electric			
Weight	1250 lbs. (567 kg)			
Model	MK-4020B	MK-4026B	MK-4030B	MK-4036B
Power	30 Hp 460V 3 PH	30 Hp 460V 3 PH	30 Hp 460V 3 PH	30 Hp 460V 3 PH
Blade Capacity	20" (508 mm)	26" (660 mm)	30" (762 mm)	36" (914 mm)
Blade RPM	2,240	1,760	1,450	1,450
Depth of Cut	7-1/2" (191 mm)	10-1/2" (267 mm)	12-1/2" (318 mm)	15" (381 mm)
Part#	167439-20	167439-26	167439-30	167439-36
Optional	Water Pump Kit		Magnetic Base Headlight	
Part#	170520		170304	

14" blade guard model available on request.
Blade not included.



Control set provides proportional blade raising/lowering and travel speed with one hand operation.



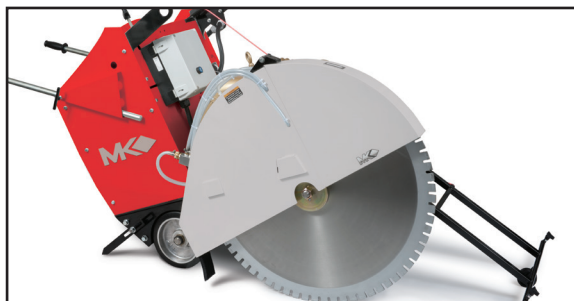
Designed for both front and rear pivoting, allowing for ease of movement and control.



Optional Magnetic Base Headlight for Pro Series.

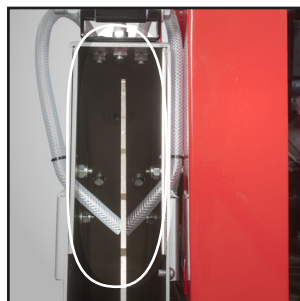
MK-4000 Features

- Totally enclosed and sealed blade shaft with continuous oil bath lubrication system with 35mm dual row ball bearings
- Control set provides proportional blade raising/lowering and travel speed with one hand operation
- Bayonet mount blade guard
- Blade guard uses "ride on the blade" water tubes for superior water delivery and blade cooling
- Eaton model 7 Hydrostatic transmission coupled to an MK differentiating trans-axle
- Saw designed for left or right side mounting of blade and blade guard
- Differential lock (for cutting on slippery surfaces) and free wheel/engage controls (to allow the saw to be pushed manually)
- Three-position adjustable solid steel handlebars
- Rigid frame front pointer with high visibility guide wheel for accurate tracking
- Seven 3VX belts from engine to blade shaft
- Travel Speed: 0-200 FPM Forward, 0-100 FPM Reverse



Balanced Design

Superb balance that minimizes user fatigue while increasing maneuverability and providing straight line tracking during cutting.



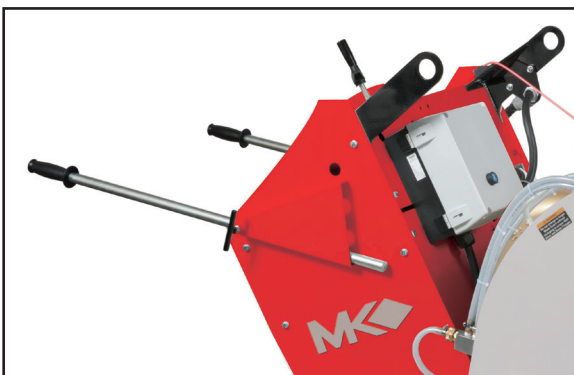
Water Delivery

Blade guard uses "ride on the blade" water tubes for superior water delivery and blade cooling.



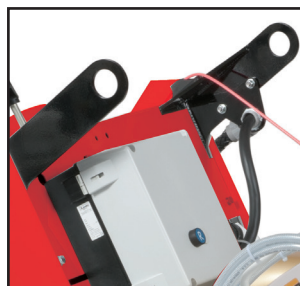
Blade Shaft

Removable blade shaft stub for easy maintenance. Totally enclosed and sealed blade shaft with continuous oil bath lubrication system.



Maneuverability

Designed for both front and rear pivoting allowing for ease of movement and control. Three-position adjustable solid steel handlebars are ergonomically designed; they adjust to comfortably accommodate the operator.



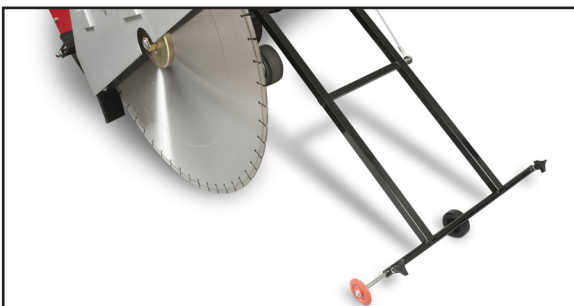
Lifting Bail

Built-in lifting bail for easy loading/unloading by crane or forklift.



Truck

Truck is designed for smooth transition in and out of cuts.



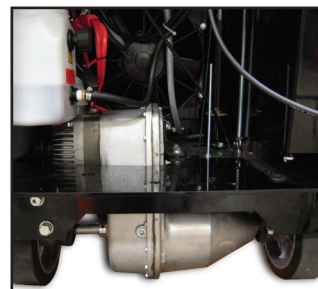
Accurate Tracking

Rigid frame pointer with high visibility guide wheel for accurate tracking.



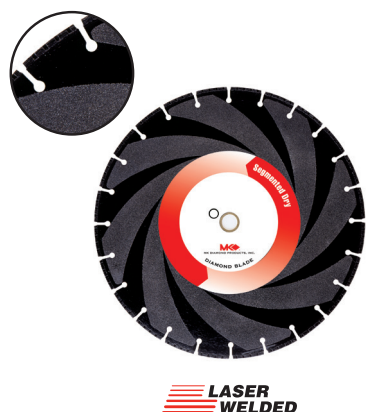
Differential Drive System

Provides positive drive to both rear wheels for maximum traction when cutting on slippery surfaces and free/engage controls to allow the saw to be pushed manually.



Transmission

Eaton model 7 hydrostatic transmission coupled to an MK differentiating trans-axle provides continuous variable forward/reverse travel and cutting motion.



MK-404DIP Supreme Ductile Iron Blades

This specialty blade is designed for cutting of ductile iron pipe, reinforced concrete pipe and rebar. Electroplated diamonds provide deburring action during the cut. No loss of depth during cutting.

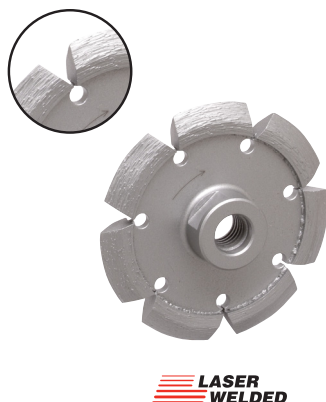
Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"-20 mm	156953
14" (356 mm)	.125	1"-20 mm	157333
16" (406 mm)	.125	1"	158217



Segment Height: 4 mm

CRACK CHASERS

MK Diamond dry cutting crack chasers quickly rout and widen cracks in both concrete and asphalt. These diamond blades are specifically designed for existing cracks in surfaces that require a "V" groove for sealing preparation. The inverted "V" shaped laser welded segment has 1/2-inch diamond depth. The segment fits into a crack and opens up the area with uniform edging. Cracks can then be filled to prevent further damage to the concrete or asphalt. MK Diamond crack chasers deliver both fast cutting and long service life in abrasive materials.

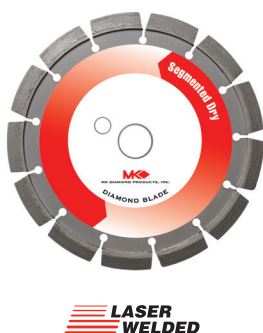


MK-404DV Supreme V-Segment Crack Chasers

Diameter	Width	Arbor	Part#
4" (102 mm)	.375	7/8"-5/8"	156048
4" (102 mm)	.375	5/8"-11	156262
4-1/2" (114 mm)	.375	5/8"-11	157682
5" (127 mm)	.375	7/8"-5/8"	159626
7" (178 mm)	.375	7/8"-5/8"	156056
7" (178 mm)	.375	5/8"-11	157370
8" (203 mm)	.375	7/8"-5/8"	157214*



Segment Height: 13 mm
* For use with the MK-CC100



MK-CC-100 Supreme Grade V-Segment Crack Chasers

Diameter	Width	Arbor	Part#
8" (203 mm)	.250	1"	151927
8" (203 mm)	.375	1"	151934
8" (203 mm)	.500	1"	151938



Segment Height: 13 mm



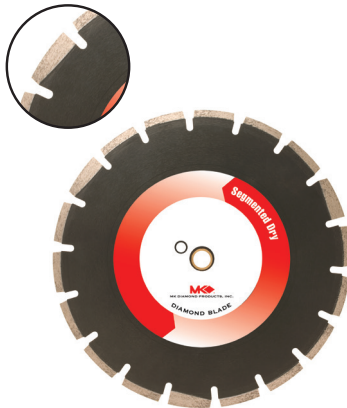
**LASER
WELDED**

MK-465D Premium Blades

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	150617
12" (305 mm)	.187	1"	152143
12" (305 mm)	.250	1"	151417
14" (356 mm)	.125	1"	150618
14" (356 mm)	.125	20 mm	150618Z
14" (356 mm)	.250	1"	151826
14" (356 mm)	.375	1"	153381
16" (406 mm)	.125	1"	154064
18" (457 mm)	.142	1"	153550



Segment Height: 10 mm



**LASER
WELDED**

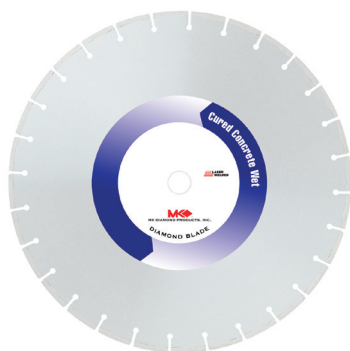
MK-485D Supreme Blades

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	150619
12" (305 mm)	.125	20 mm	150619Z
12" (305 mm)	.187	1"	152443
12" (305 mm)	.250	1"	153830
12" (305 mm)	.375	1"	151792
14" (356 mm)	.125	1"	150620
14" (356 mm)	.187	1"	152033
14" (356 mm)	.250	1"	152732
14" (356 mm)	.375	1"	152731
16" (406 mm)	.125	1"	153377
18" (457 mm)	.125	1"	151396
18" (457 mm)	.250	1"	152716
18" (457 mm)	.375	1"	152647
20" (508 mm)	.125	1"	152996
20" (508 mm)	.250	1"	151805



Segment Height: 12 mm
Special sizes available upon request.

WALL SAW BLADES (WET)



MK-435 Professional Wall Saw Blades

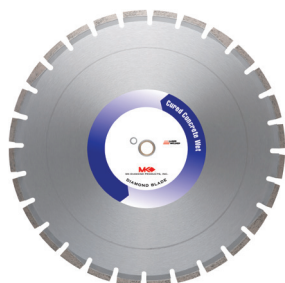
Each MK Diamond wall saw diamond blade has been specifically designed for the hardness of the material to be cut and the horsepower of the saw to be used. Wall saw bonds range from very soft bronze bonds for sawing hard aggregate or high-steel-content concrete with low horsepower saws, to abrasive-resistant bonds for sawing abrasive stock walls with high-horsepower saws. Call for quote. Flush cut arbors available upon request.

Diameter	Width	Arbor	Part#
24" (610 mm)	.165	1"	152446
24" (610 mm)	.187	1"	158926
24" (610 mm)	.210	1"	153446
26" (660 mm)	.187	1"	158927
26" (660 mm)	.210	1"	158928
30" (762 mm)	.187	1"	158929
30" (762 mm)	.210	1"	150723
36" (914 mm)	.187	1"	158930
36" (914 mm)	.220	1"	153505
42" (1066 mm)	.187	1"	158931
42" (1066 mm)	.210	1"	150566
48" (1219 mm)	.187	1"	158932
48" (1219 mm)	.220	1"	158933
48" (1219 mm)	.250	1"	158934



Segment Height: 8 mm
Additional blade diameters, widths, and special arbors available upon request.

CONCRETE BLADES (WET)



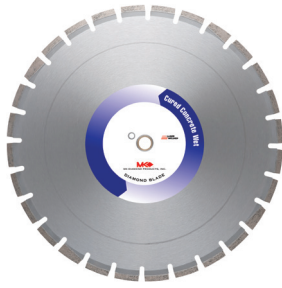
**LASER
WELDED**

MK-500 Standard Blades

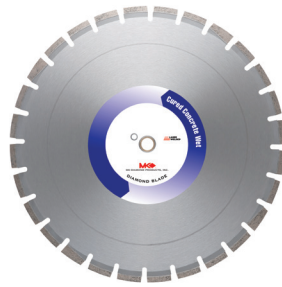
Diameter	Width	Arbor	Part #
10" (254 mm)	.110	1"	128876
12" (305 mm)	.125	1"	130229
12" (305 mm)	.250	1"	128918
14" (356 mm)	.125	1"	130252
14" (356 mm)	.250	1"	135095
14" (356 mm)	.375	1"	153256
16" (406 mm)	.125	1"	139212
18" (457 mm)	.125	1"	128959
18" (457 mm)	.155	1"	157788
20" (508 mm)	.140	1"	135202
24" (610 mm)	.165	1"	135210
24" (610 mm)	.187	1"	135228
26" (660 mm)	.155	1"	139261
26" (660 mm)	.187	1"	135236
30" (762 mm)	.187	1"	135244
30" (762 mm)	.210	1"	135251
36" (914 mm)	.187	1"	135269
36" (914 mm)	.210	1"	135277
36" (914 mm)	.250	1"	135285



Segment Height: 10 mm



**LASER
WELDED**



**LASER
WELDED**

MK-505 Premium Blades

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	129023
12" (305 mm)	.250	1"	129031
12" (305 mm)	.375	1"	135087
14" (356 mm)	.125	1"	129056
14" (356 mm)	.250	1"	135103
14" (356 mm)	.375	1"	151408
16" (406 mm)	.125	1"	139238
18" (457 mm)	.125	1"	129072
20" (508 mm)	.140	1"	135301
24" (610 mm)	.155	1"	135319
24" (610 mm)	.187	1"	133884
24" (610 mm)	.250	1"	172341
26" (660 mm)	.155	1"	139279
26" (660 mm)	.187	1"	135327
28" (711 mm)	.210	1"	151373
30" (762 mm)	.187	1"	133843
30" (762 mm)	.210	1"	135335
36" (914 mm)	.187	1"	135343
36" (914 mm)	.210	1"	135350
36" (914 mm)	.250	1"	135368



Segment Height: 12 mm
Additional blade diameters, widths, and special arbors available upon request.

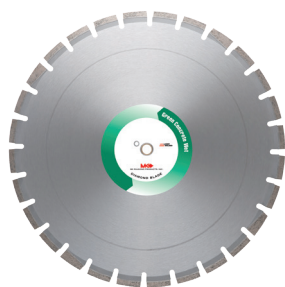
MK-525 Supreme Blades

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	134890
12" (305 mm)	.250	1"	134908
12" (305 mm)	.375	1"	134916
14" (356 mm)	.125	1"	134940
14" (356 mm)	.250	1"	134957
14" (356 mm)	.375	1"	151713
16" (406 mm)	.125	1"	139253
18" (457 mm)	.125	1"	134965
20" (508 mm)	.125	1"	134973
24" (610 mm)	.165	1"	134981
24" (610 mm)	.187	1"	134999
26" (660 mm)	.155	1"	139287
26" (660 mm)	.187	1"	135004
28" (711 mm)	.210	1"	150131
30" (762 mm)	.187	1"	135012
30" (762 mm)	.210	1"	135020
36" (914 mm)	.187	1"	135038
36" (914 mm)	.210	1"	135046
36" (914 mm)	.250	1"	135053
48" (1219 mm)	.220	1"	169053



Segment Height: 15 mm
Additional blade diameters, widths, and special arbors available upon request.

GREEN CONCRETE (WET)



**LASER
WELDED**

MK-610W Supreme Blades

The loose sand in green concrete makes it more abrasive than cured concrete. The MK-610W contains a hard metal matrix to resist the abrasion and holds the diamond longer for extended blade life.

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	139121
12" (305 mm)	.145	1"	150616
12" (305 mm)	.187	1"	150249
12" (305 mm)	.250	1"	139139
14" (356 mm)	.125	1"	139147
14" (356 mm)	.187	1"	152044
14" (356 mm)	.250	1"	139154
18" (457 mm)	.142	1"	139162



Segment Height: 12 mm
Additional blade diameters, widths, and special arbors available upon request.

ASPHALT OVER CONCRETE (WET)



**LASER
WELDED**

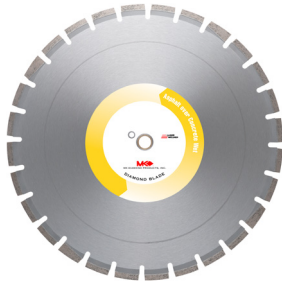
MK-615W Premium Blades

Diameter	Width	Arbor	Part #
10" (254 mm)	.110	1"	150223
12" (305 mm)	.110	1"	150224
12" (305 mm)	.125	1"	150225
12" (305 mm)	.250	1"	150226
12" (305 mm)	.375	1"	150227
14" (356 mm)	.110	1"	150228
14" (356 mm)	.125	1"	150229
14" (356 mm)	.187	1"	152768
14" (356 mm)	.250	1"	150230
14" (356 mm)	.375	1"	150144
16" (406 mm)	.125	1"	150231
18" (457 mm)	.142	1"	150232
18" (457 mm)	.250	1"	152391
20" (508 mm)	.155	1"	154294
24" (610 mm)	.187	1"	150233
26" (660 mm)	.187	1"	156784
30" (762 mm)	.187	1"	150234



Segment Height: 10 mm

ASPHALT OVER CONCRETE (WET)



**LASER
WELDED**

MK-625W Supreme Blades

The increased segment height on these blades lower the cutting costs.

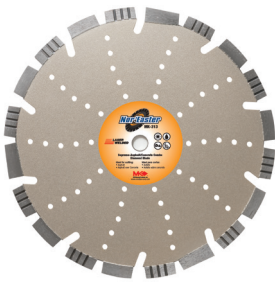
Diameter	Width	Arbor	Part#
10" (254 mm)	.110	1"	150235
12" (305 mm)	.110	1"	150236
12" (305 mm)	.125	1"	150237
12" (305 mm)	.250	1"	150238
12" (305 mm)	.375	1"	150239
14" (356 mm)	.110	1"	150240
14" (356 mm)	.145	1"	150241
14" (356 mm)	.250	1"	150242
16" (406 mm)	.125	1"	150243
18" (457 mm)	.142	1"	150244
18" (457 mm)	.155	1"	151462
18" (457 mm)	.250	1"	150815
26" (660 mm)	.187	1"	151252
32" (812 mm)	.187	1"	151686
36" (914 mm)	.187	1"	153429



Segment Height: 12 mm

Additional blade diameters, widths, and special arbors available upon request.

ASPHALT OVER CONCRETE (DRY)



**LASER
WELDED**

MK-313 Supreme Asphalt and Asphalt/Concrete Blades

Supreme grade, laser welded, wet/dry cutting combination diamond blades. The combination turbo/segmented rim is engineered for cutting abrasive materials like asphalt and concrete overlay applications.

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"-20mm	169758
14" (356 mm)	.125	1"-20mm	169759
16" (406 mm)	.125	20mm	169760
16" (406 mm)	.125	1"-20mm	170834
18" (457 mm)	.125	1"-20mm	169761
20" (508 mm)	.145	1"-20mm	169762
24" (610 mm)	.145	1"-20mm	169763



Segment Height: 15 mm

ASPHALT/GREEN CONCRETE (DRY)



**LASER
WELDED**

MK-699D Premium Blades

Dry cutting segmented rim diamond blades for cutting softer materials like asphalt and green concrete. Laser welded with a heavy-duty core and undercut protection.

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	160930
14" (356 mm)	.125	1"	160932
14" (356 mm)	.125	20mm	160932Z
16" (406 mm)	.125	1"	162838
16" (406 mm)	.125	20mm	162838Z
18" (457 mm)	.142	1"	153491
20" (508 mm)	.155	1"	168166
24" (610 mm)	.155	1"	159030
26" (660 mm)	.155	1"	168618



Segment Height: 10 mm

MK Diamond asphalt diamond blades have been formulated to exacting specifications for accurate cutting of all types of abrasive materials. Full radius core protection combined with special hardened steel cores deliver added blade life with minimal undercutting. Each asphalt specification delivers fast cutting performance and long-lasting value.

MK-700W Standard Blades

Diameter	Width	Arbor	Part #
12" (305 mm)	.125	1"	133553
12" (305 mm)	.250	1"	133397
14" (356 mm)	.125	1"	133462
14" (356 mm)	.250	1"	135178
16" (406 mm)	.125	1"	151256
18" (457 mm)	.142	1"	133405
20" (508 mm)	.155	1"	152689
24" (610 mm)	.185	1"	137414



Segment Height: 12 mm



MK-705W Premium Blades

MK-705W Premium asphalt diamond blades combine performance with improved blade wear. These blades have been designed for contractors who demand maximum performance and value.

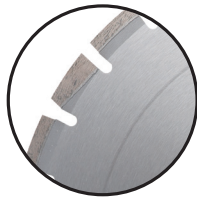
Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	133579
12" (305 mm)	.250	1"	133447
14" (356 mm)	.125	1"	133595
14" (356 mm)	.145	1"	150126
14" (356 mm)	.250	1"	135186
14" (356 mm)	.375	1"	150977
16" (406 mm)	.125	1"	150603
18" (457 mm)	.142	1"	133850
18" (457 mm)	.250	1"	154059
20" (508 mm)	.125	1"	153598
24" (610 mm)	.187	1"	137422
26" (660 mm)	.187	1"	152397
30" (762 mm)	.210	1"	153508



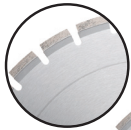
Segment Height: 12 mm
Additional blade diameters, widths, and special arbors available upon request.

CORE PROTECTION

Full radius core protection is provided every six segments in order to protect against undercutting during all cutting operations.



**LASER
WELDED**





MK-710W Supreme Blades

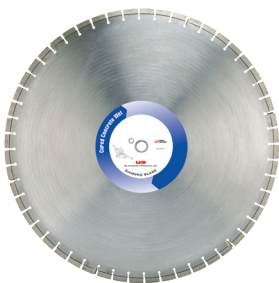
MK-710W Supreme asphalt blades are recognized as the professional's choice when performance is the requirement. Higher diamond depths give lower cutting costs per inch foot.

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	139048
12" (305 mm)	.250	1"	139055
12" (305 mm)	.312	1"	153249
12" (305 mm)	.375	1"	151186
14" (356 mm)	.125	1"	139063
14" (356 mm)	.250	1"	139071
16" (406 mm)	.125	1"	152646
18" (457 mm)	.125	1"	139089
18" (457 mm)	.210	1"	152031
20" (508 mm)	.155	1"	168006
24" (610 mm)	.155	1"	151298
24" (610 mm)	.187	1"	151041
26" (660 mm)	.155	1"	150957
26" (660 mm)	.187	1"	151158
30" (762 mm)	.210	1"	151341



Segment Height: 12 mm
Additional blade diameters, widths, and special arbors available upon request.

Cured Concrete

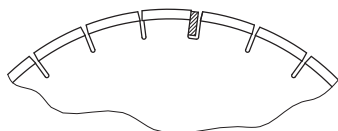


**LASER
WELDED**

Undercut Protection

Diameters: 14"-42" **V Insert**

Vertical insert undercut protection available as special order.



V Insert – Small diamond segment inserts brazed into the slots of the core.

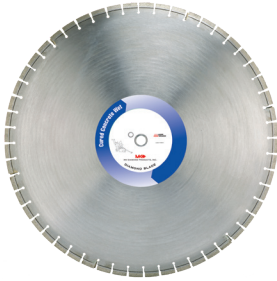
MK-7501 Hard Aggregate/Non-Abrasive Sand

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	153968
12" (305 mm)	.145	1"	169784
12" (305 mm)	.187	1"	169787
14" (356 mm)	.125	1"	152603
14" (356 mm)	.155	1"	169794
14" (356 mm)	.187	1"	169796
14" (356 mm)	.250	1"	169799
16" (406 mm)	.125	1"	152534
18" (457 mm)	.125	1"	152738
18" (457 mm)	.155	1"	154670
18" (457 mm)	.187	1"	169803
18" (356 mm)	.250	1"	169790
20" (508 mm)	.125	1"	153190
20" (508 mm)	.155	1"	169806
24" (610 mm)	.145	1"	169809
24" (610 mm)	.155	1"	153305
24" (610 mm)	.187	1"	161124
26" (660 mm)	.155	1"	154079
26" (660 mm)	.165	1"	169823
26" (660 mm)	.187	1"	158491
30" (762 mm)	.165	1"	169830
30" (762 mm)	.187	1"	154080
30" (762 mm)	.250	1"	169836
36" (914 mm)	.187	1"	161125
36" (914 mm)	.210	1"	169844
36" (914 mm)	.250	1"	169848
42" (1067 mm)	.187	1"	169853
42" (1067 mm)	.220	1"	169858
Wide Notch Core			
26" (660 mm)	.165	1"	169881
26" (660 mm)	.187	1"	169887
30" (762 mm)	.165	1"	169893
30" (762 mm)	.187	1"	169899
30" (762 mm)	.250	1"	169905
36" (914 mm)	.187	1"	169911
36" (914 mm)	.250	1"	169917
42" (1067 mm)	.187	1"	169923
42" (1067 mm)	.220	1"	169929



Segment Height: 14 mm • Segment Height Wide Core: 12 mm
Brazed segments on blades over 24" diameter.
Additional blade diameters, widths, and special arbors available upon request.

Cured Concrete

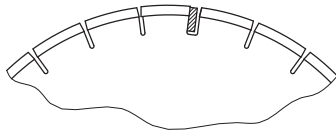


**LASER
WELDED**

Undercut Protection

Diameters: 14"-42" **V Insert**

Vertical insert undercut protection available as special order.



V Insert – Small diamond segment inserts brazed into the slots of the core.

MK-7502 Medium/Hard Aggregate

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	152240
12" (305 mm)	.145	1"	169785
12" (305 mm)	.187	1"	169788
14" (356 mm)	.125	1"	151504
14" (356 mm)	.145	1"	169791
14" (356 mm)	.155	1"	154083
14" (356 mm)	.187	1"	169797
14" (356 mm)	.250	1"	169800
16" (406 mm)	.125	1"	153974
18" (457 mm)	.125	1"	152237
18" (457 mm)	.155	1"	154085
18" (457 mm)	.187	1"	154086
20" (508 mm)	.125	1"	153841
20" (508 mm)	.155	1"	154087
24" (610 mm)	.145	1"	169810
24" (610 mm)	.155	1"	152372
24" (610 mm)	.187	1"	169815
26" (660 mm)	.155	1"	169819
26" (660 mm)	.165	1"	153299
26" (660 mm)	.187	1"	169826
30" (762 mm)	.165	1"	154089
30" (762 mm)	.187	1"	169834
30" (762 mm)	.250	1"	169837
36" (914 mm)	.187	1"	169841
36" (914 mm)	.210	1"	169845
36" (914 mm)	.250	1"	169849
42" (1067 mm)	.187	1"	169854
42" (1067 mm)	.220	1"	169859
Wide Notch Core			
26" (660 mm)	.165	1"	169882
26" (660 mm)	.187	1"	169888
30" (762 mm)	.165	1"	169894
30" (762 mm)	.187	1"	169900
30" (762 mm)	.250	1"	169906
36" (914 mm)	.187	1"	169912
36" (914 mm)	.250	1"	169918
42" (1067 mm)	.187	1"	169924
42" (1067 mm)	.220	1"	169930



Segment Height: 12 mm • Segment Height Wide Core: 12 mm
Brazed segments on blades over 24" diameter.
Additional blade diameters, widths, and special arbors available upon request.

Cured Concrete

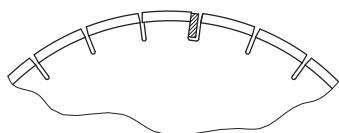


**LASER
WELDED**

Undercut Protection

Diameters: 14"-42" **V Insert**

Vertical insert undercut protection available as special order.



V Insert – Small diamond segment inserts brazed into the slots of the core.

MK-7503 Soft Aggregate, Abrasive Sand

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	152154
12" (305 mm)	.145	1"	169786
12" (305 mm)	.187	1"	169789
14" (356 mm)	.125	1"	153972
14" (356 mm)	.145	1"	169792
14" (356 mm)	.155	1"	154092
14" (356 mm)	.187	1"	169798
14" (356 mm)	.250	1"	169801
16" (406 mm)	.125	1"	169805
18" (457 mm)	.125	1"	153980
18" (457 mm)	.155	1"	154094
18" (457 mm)	.187	1"	169804
20" (508 mm)	.125	1"	153984
20" (508 mm)	.155	1"	169807
24" (610 mm)	.145	1"	169811
24" (610 mm)	.155	1"	153990
24" (610 mm)	.187	1"	169816
26" (660 mm)	.155	1"	169820
26" (660 mm)	.165	1"	154095
26" (660 mm)	.187	1"	169827
30" (762 mm)	.165	1"	169831
30" (762 mm)	.187	1"	169835
30" (762 mm)	.250	1"	169838
36" (914 mm)	.187	1"	169842
36" (914 mm)	.210	1"	169846
36" (914 mm)	.250	1"	169850
42" (1067 mm)	.187	1"	169855
42" (1067 mm)	.220	1"	169860
Wide Notch Core			
26" (660 mm)	.165	1"	169883
26" (660 mm)	.187	1"	169889
30" (762 mm)	.165	1"	169895
30" (762 mm)	.187	1"	169901
30" (762 mm)	.250	1"	169907
36" (914 mm)	.187	1"	169913
36" (914 mm)	.250	1"	169919
42" (1067 mm)	.187	1"	169925
42" (1067 mm)	.220	1"	169931



Segment Height: 13 mm • Segment Height Wide Core: 12 mm
Brazed segments on blades over 24" diameter.

Additional blade diameters, widths, and special arbors available upon request.

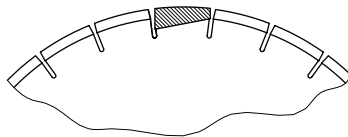
Asphalt



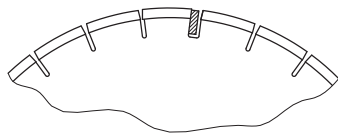
**LASER
WELDED**

Undercut Protection

Diameters: 14"-26" **R Trapezoid**
Diameters: 30"-42" **V Insert**



R Trapezoid – Trapezoid segment. Used on laser welded blades. Similar in principle to T segments with refined geometry.



V Insert – Small diamond segment inserts brazed into the slots of the core.

MK-7625 Asphalt Overlay

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	153971
12" (305 mm)	.145	1"	154131
12" (305 mm)	.187	1"	154132
14" (356 mm)	.125	1"	153356
14" (356 mm)	.145	1"	169793
14" (356 mm)	.155	1"	169795
14" (356 mm)	.187	1"	154135
14" (356 mm)	.250	1"	169802
16" (406 mm)	.125	1"	153978
18" (457 mm)	.125	1"	153289
18" (457 mm)	.155	1"	152418
18" (457 mm)	.187	1"	153593
20" (508 mm)	.125	1"	153988
20" (508 mm)	.155	1"	169808
24" (610 mm)	.145	1"	169813
24" (610 mm)	.155	1"	169814
24" (610 mm)	.187	1"	169818
26" (660 mm)	.155	1"	169822
26" (660 mm)	.165	1"	169825
26" (660 mm)	.187	1"	169829
30" (762 mm)	.165	1"	169833
30" (762 mm)	.187	1"	153374
30" (762 mm)	.250	1"	169840
36" (914 mm)	.187	1"	153750
36" (914 mm)	.210	1"	153563
36" (914 mm)	.250	1"	169852
42" (1067 mm)	.187	1"	169857
42" (1067 mm)	.220	1"	169862
Wide Notch Core			
26" (660 mm)	.165	1"	169885
26" (660 mm)	.187	1"	169891
30" (762 mm)	.165	1"	169897
30" (762 mm)	.187	1"	169903
30" (762 mm)	.250	1"	169909
36" (914 mm)	.187	1"	169915
36" (914 mm)	.250	1"	169921
42" (1067 mm)	.187	1"	169927
42" (1067 mm)	.220	1"	169933

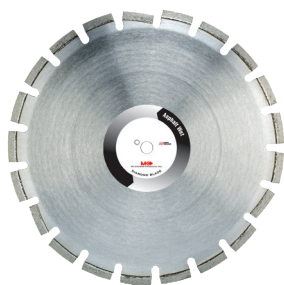


Segment Height: 10 mm • Segment Height Wide Core: 10 mm

Brazed segments on blades over 24" diameter.

Additional blade diameters, widths, and special arbors available upon request.

Asphalt

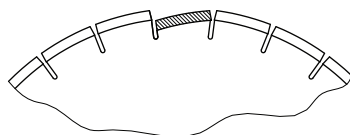


**LASER
WELDED**

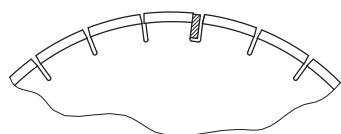
Undercut Protection

Diameters: 12"-20" **C Slant**

Diameters: 24"-42" **V Insert**



C Slant – a regular segment set on a slant. Used mainly on regular concrete and asphalt saws. Part of the slanted segment is dedicated for undercutting protection.



V Insert – Small diamond segment inserts brazed into the slots of the core.

MK-7710W Soft Aggregate

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	153562
12" (305 mm)	.145	1"	169867
12" (305 mm)	.187	1"	169868
14" (356 mm)	.125	1"	152602
14" (356 mm)	.145	1"	153586
14" (356 mm)	.155	1"	169869
14" (356 mm)	.187	1"	169870
14" (356 mm)	.250	1"	169871
16" (406 mm)	.125	1"	153979
18" (457 mm)	.125	1"	153222
18" (457 mm)	.155	1"	155131
18" (457 mm)	.187	1"	153300
20" (508 mm)	.125	1"	153989
20" (508 mm)	.155	1"	169872
24" (610 mm)	.145	1"	153995
24" (610 mm)	.155	1"	169873
24" (610 mm)	.187	1"	169874
26" (660 mm)	.155	1"	169875
26" (660 mm)	.165	1"	169876
26" (660 mm)	.187	1"	169877
30" (762 mm)	.165	1"	169878
30" (762 mm)	.187	1"	157827
30" (762 mm)	.250	1"	169879
36" (914 mm)	.187	1"	169880
36" (914 mm)	.210	1"	169847
36" (914 mm)	.250	1"	169851
42" (1067 mm)	.187	1"	169856
42" (1067 mm)	.220	1"	169861
Wide Notch Core			
26" (660 mm)	.165	1"	169886
26" (660 mm)	.187	1"	169892
30" (762 mm)	.165	1"	169898
30" (762 mm)	.187	1"	169904
30" (762 mm)	.250	1"	169910
36" (914 mm)	.187	1"	169916
36" (914 mm)	.250	1"	169922
42" (1067 mm)	.187	1"	169928
42" (1067 mm)	.220	1"	169934



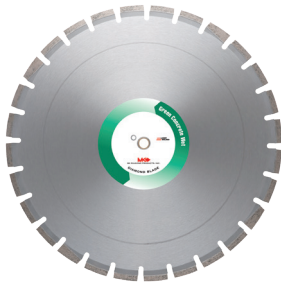
Segment Height: 10 mm • Segment Height Wide Core: 10 mm

Brazed segments on blades over 24" diameter.

Additional blade diameters, widths, and special arbors available upon request.

GREEN CONCRETE (WET)

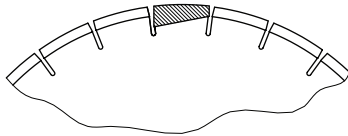
Green Concrete



**LASER
WELDED**

Undercut Protection

Diameters: 14"-18"
R Trapezoid



R Trapezoid – Trapezoid segment. Used on laser welded blades. Similar in principle to T segments with refined geometry.

MK-7601W Hard Aggregate

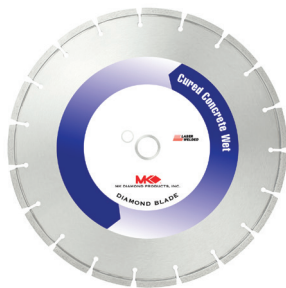
Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	153187
12" (305 mm)	.145	1"	154096
12" (305 mm)	.187	1"	154097
14" (356 mm)	.125	1"	153867
14" (356 mm)	.145	1"	154098
14" (356 mm)	.155	1"	169812
14" (356 mm)	.187	1"	154099
14" (356 mm)	.250	1"	152774
16" (406 mm)	.125	1"	169817
18" (457 mm)	.125	1"	153981
18" (457 mm)	.155	1"	154100



Segment Height: 10 mm
Brazed segments on blades over 24" diameter.
Additional blade diameters, widths, and special arbors available upon request.

CURED CONCRETE (WET)

Joint Widening Blade



**LASER
WELDED**

MK-7501-30 Joint Widening Blade

Diameter	Width	Arbor	Part#
12" (305 mm)	.187	1"	169884
12" (305 mm)	.220	1"	169890
12" (305 mm)	.250	1"	169896
14" (356 mm)	.187	1"	169902
14" (356 mm)	.250	1"	169908



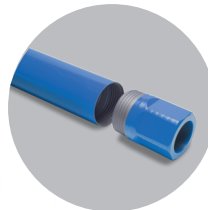
Segment Height: 10 mm
Additional blade diameters, widths, and special arbors available upon request.

Joint Widening Spacers (Wet)

Diameter	Width	Arbor	Part#
8" (203 mm)	.032	1"	169943
8" (203 mm)	.064	1"	169944

CORING

MK Diamond offers core rigs, handheld core drills and diamond core bits engineered to stand up to the rigors of the professional coring market. These tools deliver exceptional drilling performance in a wide range of concrete and masonry applications.





Scan or
visit link
for video



mkdiamond.com/mov/manta3.html



A

Combination Anchor Base



B

Combination Tilt Base



C

Anchor Tilt Base



D

Anchor Base

Manta III Industrial Combination/Anchor Tilt Base Core Drill Rigs

Manta III Core Drills features a precision rack-&-pinion carriage with maintenance-free, double-sealed bearings and a 2-1/2" square steel column with ceiling jack. All Manta drill rigs are engineered for positive anchoring to allow for both vertical and horizontal drilling. The lightweight cast-aluminum base and built-in wheels make the Manta line easy to move and maneuver. The carriage assembly easily detaches from column for transport. Control box comes standard with amp meter and a conveniently located power switch.

Bit Capacity		1/2" to 14"				
Spindle		1-1/4"-7"				
Bit Feed		27"				
L x W x H (inches)		19" x 24" x 46"				
L x W x H (mm)		480 x 610 x 1,170				
Motor		Milwaukee 4004	Milwaukee 4090	Milwaukee 4094	Milwaukee 4096	Milwaukee 4097-20
Volts / Amps		120V / 20A	120V / 15A	120V / 20A	120V / 20A	120V / 15A
Clutch		Slip Clutch	Shear Pin	Shear Pin	Slip Clutch	Slip Clutch
Motor RPM		300/600	375/750	450/900	450/950	500/1,000
Max. Horsepower		4.8 Hp	2.5 Hp	4.8 Hp	4.8 Hp	2.5 Hp
(A) Combination Anchor Base Drill Stand Includes Vacuum	Weight	109 lbs.	109 lbs.	109 lbs.	109 lbs.	109 lbs.
	Part#	158639	158641	157449	157448	158640
(B) Combination Tilt Base Drill Stand Includes Vacuum	Weight	114 lbs.	114 lbs.	114 lbs.	114 lbs.	114 lbs.
	Part#	158647	158649	158644	158645	158648
(C) Anchor Tilt Base Drill Stand	Weight	—	95 lbs.	95 lbs.	95 lbs.	95 lbs.
	Part#	—	158657	158652	158653	158656
(D) Anchor Base Drill Stand	Weight	—	90 lbs.	90 lbs.	90 lbs.	90 lbs.
	Part#	—	167324	167325	167326	167327

Core drill rigs available without motors.
Core bits not included.



Manta IV Lightweight/Portable Core Drill Rig

Motor	120V / 18 Amp
Watts	2,000
No Load Speed	700 RPM
Motor Spindle	1-1/4"-7 UNC
Bit Capacity	6" (152 mm)
Carriage Travel	21" (533 mm)
L x W x H (inches)	15" x 19.5" x 34"
L x W x H (mm)	831 x 495 x 864
Weight	34 lbs. (15.4 kg)
Includes	Quick Release Water Attachment
Part#	162675

Core bits not included.



Handheld Drills

Ideal for drilling holes in floors, walls, ceilings and for all concrete anchoring systems. Fast and efficient drilling of reinforced concrete, concrete, brick, block and stone.

Model	MK-130/3 The mechanical 3-speed gearbox allows the operator to select the best speed for the core bit diameter.	MK-2000P This wet diamond core drill is ideal for handheld drilling of reinforced concrete, brick, block and stone.
Motor	120V / 15 Amp	120V / 15 Amp (Electronic torque limitation)
Speed	3 speed (600/1300/2800)	2 speed (800/1570)
Bit Capacity	3" (76 mm) hand-held 6" (152 mm) rig mounted	1-1/2" (38 mm) hand-held 4" (102 mm) rig mounted
Connecting Threads	1-1/4"-7 UNC 5/8"-11 UNC G1/2"	1-1/4"-7 UNC 5/8"-11 UNC
Weight	16 lbs. (7.2 kg)	15 lbs. (6.8 kg)
Includes	• Quick Release Water Valve • GFCI • Plastic Carrying Case	• Quick Release Water Valve • GFCI • Plastic Carrying Case
Part#	158368	158365
Optional	Portable Drill Stand	Portable Drill Stand
Part#	159253	159253

Core bits not included.

Shaft Couplings



Shaft couplings permit positive thread-to-thread adaptation from machine to core bit.

Male	Female	Part#
5/8"-11	3/4"-16	304145
3/4"-16	5/8"-11	304146

Shaft Couplings



Shaft couplings permit positive thread-to-thread adaptation from machine to core bit.

Male	Female	Part#
1-1/4"-7	5/8"-11	304147
5/8"-11	1-1/4"-7	304148

12" Shaft Extensions



Male	Female	Part#
5/8"-11	5/8"-11	304149
1-1/4"-7	1-1/4"-7	304150

Water Swivels



5/8"-11 Female Shank Thread

Spindle Thread	Part#
1-1/4"-7	151416
5/8"-11	151096

Water Swivels



(a)

(b) 1/2 Shank

Spindle Thread	Part#
(a) 5/8"-11	157643
(b) 3/4"-16	156515

Motor Spacer



Part#
155614

Portable Drill Stand for Hand-Held Drills



Portable drill stand for MK-2000P and MK-130/3 hand-held drills. Combination anchor/vacuum base. Adjustable column for angle drilling. 53mm reducer ring (part # 164995 - not included with stand) required to mount the MK-2000P to stand.

Drill Capacity	Motor Mount	L X W X H	Weight	Part#
6" Diameter	60 mm (fits MK-130/3)	30-1/2" X 15-1/2" X 9"	21 lbs.	159253

Manta III Anchor Base



Part#
158410-MK

Manta Vacuum Pumps



(a)



(b)

Oil-less operating 1/8 Hp vacuum pumps for Manta core rigs.

Description	Part#
(a) 120V with Handle & Iso-vibe Foot Pads	154741
(b) 120V for Manta III Combination Drill Stands	158530

Manta Control Box



Box Type	Part#
Dual Switch 120V	158428

Milwaukee Core Drill Motors



Motor	Milwaukee 4004	Milwaukee 4090	Milwaukee 4094	Milwaukee 4096	Milwaukee 4097-20
Volts / Amps	120V / 20A	120V / 15A	120V / 20A	120V / 20A	120V / 15A
Clutch	Slip Clutch	Shear Pin	Shear Pin	Slip Clutch	Slip Clutch
Motor RPM	300/600	375/750	450/900	450/950	500/1,000
Spindle	1-1/4"-7	1-1/4"-7	1-1/4"-7	1-1/4"-7	1-1/4"-7
Horsepower	1 Hp	1 Hp	1 Hp	1 Hp	1 Hp
Part#	159263	155976	154633	155540	159264

TILE

STONE

LAPIDARY

MASONRY

CONCRETE

CORING

FLOOR PREP

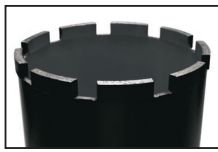
METAL

TROUBLESHOOTING

POLICIES

MK-Black is a supreme core bit engineered for exceptional footage and fast/aggressive drilling characteristics. Excellent performance in applications associated with moderate to high steel reinforcement.

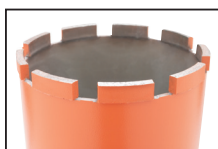
MK-Black Supreme Core Bits



**LASER
WELDED**

Diameter	Thread	Part #
1/2" (13 mm)	5/8"-11	156373
5/8" (16 mm)	5/8"-11	157176
3/4" (19 mm)	5/8"-11	156374
7/8" (22 mm)	5/8"-11	156375
1" (25 mm)	5/8"-11	156376
1-1/8" (29 mm)	5/8"-11	157177
1-1/4" (32 mm)	5/8"-11	156377
1-3/8" (35 mm)	5/8"-11	156534
1-1/2" (38 mm)	5/8"-11	156378
1-5/8" (41 mm)	1-1/4"-7	157178
1-3/4" (44 mm)	1-1/4"-7	156379
2" (51 mm)	1-1/4"-7	156380
2-1/4" (57 mm)	1-1/4"-7	156381
2-1/2" (64 mm)	1-1/4"-7	156382
2-3/4" (70 mm)	1-1/4"-7	156383
3" (76 mm)	1-1/4"-7	156384
3-1/4" (83 mm)	1-1/4"-7	156385
3-1/2" (89 mm)	1-1/4"-7	156386
4" (102 mm)	1-1/4"-7	156387
4-1/4" (108 mm)	1-1/4"-7	156388
4-1/2" (114 mm)	1-1/4"-7	156389
5" (127 mm)	1-1/4"-7	156390
5-1/2" (140 mm)	1-1/4"-7	157628
6" (152 mm)	1-1/4"-7	156391
6-1/4" (159 mm)	1-1/4"-7	156392
6-1/2" (165 mm)	1-1/4"-7	156393
7" (178 mm)	1-1/4"-7	156394
8" (203 mm)	1-1/4"-7	156396
9" (229 mm)	1-1/4"-7	156397
10" (254 mm)	1-1/4"-7	156398
12" (305 mm)	1-1/4"-7	156399
14" (356 mm)	1-1/4"-7	156400
16" (406 mm)	1-1/4"-7	170051

MK-Orange is a premium bit designed for wet drilling applications that include light to moderate steel reinforcement. The high diamond concentration ensures excellent footage and cutting speed.



**LASER
WELDED**

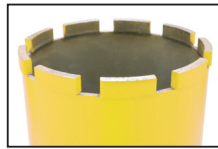
MK-Orange Premium Core Bits

Diameter	Thread	Part #
1" (25 mm)	5/8"-11	156348
1-1/8" (29 mm)	5/8"-11	204011
1-1/4" (32 mm)	5/8"-11	156349
1-3/8" (35mm)	5/8"-11	171317
1-1/2" (38 mm)	5/8"-11	156350
1-5/8" (39mm)	1-1/4"-7	171318
1-3/4" (44 mm)	1-1/4"-7	156351
2" (51 mm)	1-1/4"-7	156352
2-1/4" (57 mm)	1-1/4"-7	156353
2-1/2" (64 mm)	1-1/4"-7	156354
2-3/4" (70 mm)	1-1/4"-7	156355
3" (76 mm)	1-1/4"-7	156356
3-1/4" (83 mm)	1-1/4"-7	156357
3-1/2" (89 mm)	1-1/4"-7	156358
4" (102 mm)	1-1/4"-7	156359
4-1/4" (108 mm)	1-1/4"-7	156360
4-1/2" (114 mm)	1-1/4"-7	156361
5" (127 mm)	1-1/4"-7	156362
5-1/2" (140 mm)	1-1/4"-7	157627
6" (152 mm)	1-1/4"-7	156363
6-1/4" (159 mm)	1-1/4"-7	156364
6-1/2" (165 mm)	1-1/4"-7	156365
7" (178 mm)	1-1/4"-7	156366
8" (203 mm)	1-1/4"-7	156368
9" (229 mm)	1-1/4"-7	156369
10" (254 mm)	1-1/4"-7	156370
12" (305 mm)	1-1/4"-7	156371
14" (356 mm)	1-1/4"-7	156372
16" (406 mm)	1-1/4"-7	170052



Segment Height: 7.5 mm
Drilling Depth: 14" (356 mm)
Additional diameter and special length core bits are available upon request.

MK-Yellow is our standard core bit, and is an excellent choice for all types of general wet drilling. The MK-Yellow delivers fast drilling and good footage.



**LASER
WELDED**

MK-Yellow Standard Core Bits

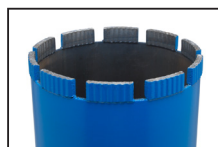
Diameter	Thread	Part #
1" (25 mm)	5/8"-11	156320
1-1/8" (29 mm)	5/8"-11	104011
1-1/4" (32 mm)	5/8"-11	156321
1-3/8" (35 mm)	5/8"-11	156965
1-1/2" (38 mm)	5/8"-11	156322
1-5/8" (41 mm)	1-1/4"-7	171310
1-3/4" (44 mm)	1-1/4"-7	156323
2" (51 mm)	1-1/4"-7	156324
2-1/4" (57 mm)	1-1/4"-7	156325
2-1/2" (64 mm)	1-1/4"-7	156326
2-3/4" (70 mm)	1-1/4"-7	156327
3" (76 mm)	1-1/4"-7	156328
3-1/4" (83 mm)	1-1/4"-7	156329
3-1/2" (89 mm)	1-1/4"-7	156330
4" (102 mm)	1-1/4"-7	156331
4-1/4" (108 mm)	1-1/4"-7	156332
4-1/2" (114 mm)	1-1/4"-7	156333
5" (127 mm)	1-1/4"-7	156334
5-1/2" (140 mm)	1-1/4"-7	171311
6" (152 mm)	1-1/4"-7	156335
6-1/4" (159 mm)	1-1/4"-7	156336
6-1/2" (165 mm)	1-1/4"-7	156337
7" (178 mm)	1-1/4"-7	156338
8" (203 mm)	1-1/4"-7	156340
9" (229 mm)	1-1/4"-7	156341
10" (254 mm)	1-1/4"-7	156342
12" (305 mm)	1-1/4"-7	156343
14" (356 mm)	1-1/4"-7	156344



Segment Height: 7.5 mm
Drilling Depth: 14" (356 mm)

Additional diameter and special length core bits are available upon request.

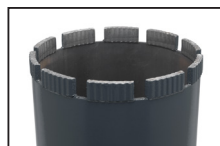
HARD AGGREGATE WITH HEAVY STEEL (WET)



**LASER
WELDED**



Removable nut for
barrel extensions



**LASER
WELDED**

MK Turbo Bits are designed with a high diamond concentration and turbo segment that provides superior performance in heavy steel applications. The turbo segment design allows for better channeling of slurry and reduces vibration while drilling in concrete with steel. Available in both "Professional" and "Supreme" quality.

MK-Blue Professional Turbo Core Bits

Diameter	Thread	Part #
2" (51 mm)	1-1/4"-7	156570
2-1/2" (64 mm)	1-1/4"-7	156571
3" (76 mm)	1-1/4"-7	156572
3-1/2" (89 mm)	1-1/4"-7	156573
4" (102 mm)	1-1/4"-7	156574
4-1/2" (114 mm)	1-1/4"-7	156575
5" (127 mm)	1-1/4"-7	156576
6" (152 mm)	1-1/4"-7	156577



Segment Height: 10 mm
Drilling Depth: 14" (356 mm)
Additional diameter and special length core bits are available upon request.

MK-Black Supreme Turbo Core Bits

Diameter	Thread	Part #
2" (51 mm)	1-1/4"-7	158711
2-1/4" (57 mm)	1-1/4"-7	158712
2-1/2" (64 mm)	1-1/4"-7	158713
3" (76 mm)	1-1/4"-7	158714
3-1/2" (89 mm)	1-1/4"-7	158715
4" (102 mm)	1-1/4"-7	158716
4-1/2" (114 mm)	1-1/4"-7	158717
5" (127 mm)	1-1/4"-7	158718
6" (152 mm)	1-1/4"-7	158719



Segment Height: 10 mm
Drilling Depth: 14" (356 mm)
Additional diameter and special length core bits are available upon request.

Core Bit Extensions for Turbo Core Bits

MK Diamond's Core Bit Extensions offer a quick, easy and low cost way to achieve greater drilling depths with turbo core bits. The 12" tube extensions thread into our turbo core bits. Multiple tube extensions may be used extending the drilling depth in increments of 12". Turbo core bits and extensions must be ordered together.

Diameter	Length	Wall Thickness	Nut	Part #
1-1/4" (32mm)	12"	2.0mm	1-1/4"-7	168451
1-3/8" (35mm)	12"	2.0mm	1-1/4"-7	168450
2" (51 mm)	12"	2.0mm	1-1/4"-7	168454
2-1/2" (64 mm)	12"	2.0mm	1-1/4"-7	168456
3" (76 mm)	12"	2.0mm	1-1/4"-7	168457
3-1/2" (89 mm)	12"	2.2mm	1-1/4"-7	168459
4" (102 mm)	12"	2.5mm	1-1/4"-7	168460
4-1/2" (114 mm)	12"	2.5mm	1-1/4"-7	168462
5" (127 mm)	12"	2.5mm	1-1/4"-7	168463
6" (152 mm)	12"	2.7mm	1-1/4"-7	168464

Additional diameters are available upon request.



PRESTRESSED & PRECAST CONCRETE (WET)



**LASER
WELDED**

MK-Crown is a professional core bit for prestressed and precast concrete.

MK-Crown Professional Core Bits

Diameter	Thread	Part #
1/2" (13mm)	5/8"-11	157009
1" (25mm)	5/8"-11	157010
1-1/8" (29mm)	5/8"-11	172959
1-1/4" (32mm)	5/8"-11	172960
1-3/8" (35mm)	5/8"-11	172961
1-1/2" (38mm)	5/8"-11	157011
1-5/8" (41mm)	5/8"-11	172962
1-3/4" (44mm)	5/8"-11	172963
1-7/8" (48mm)	5/8"-11	172964
2" (51mm)	1-1/4"-7	157793
2-1/2" (63mm)	1-1/4"-7	157794
2-3/4" (70mm)	1-1/4"-7	160305
3" (76mm)	1-1/4"-7	157795
3-1/2" (89mm)	1-1/4"-7	157796
4" (102mm)	1-1/4"-7	157797
4-1/2" (114mm)	1-1/4"-7	157798
5" (127mm)	1-1/4"-7	157799
6" (152mm)	1-1/4"-7	157800
8" (203mm)	1-1/4"-7	172965
10" (254mm)	1-1/4"-7	172966



Segment Height: 7.5 mm
Drilling Depth: 14" (356 mm)

Additional diameter and special length core bits are available upon request.

CONCRETE & REBAR (WET)



Zenesis™ Supreme Core Bits

Diameter	Thread	Part #
1-1/2" (38 mm)	5/8"-11	171035
2" (51 mm)	1-1/4"-7	168670
2-1/4" (57 mm)	1-1/4"-7	170893
2-1/2" (64 mm)	1-1/4"-7	168671
3" (76 mm)	1-1/4"-7	168672
3-1/4" (83 mm)	1-1/4"-7	170894
3-1/2" (89 mm)	1-1/4"-7	168673
4" (102 mm)	1-1/4"-7	168674
4-1/4" (108 mm)	1-1/4"-7	168675
4-1/2" (114 mm)	1-1/4"-7	168676
5" (127 mm)	1-1/4"-7	168677
6" (152 mm)	1-1/4"-7	168678
6-1/4" (158 mm)	1-1/4"-7	168679
6-1/2" (165 mm)	1-1/4"-7	168680
7" (178 mm)	1-1/4"-7	168681
8" (203 mm)	1-1/4"-7	168682
9" (229 mm)	1-1/4"-7	168683
10" (254 mm)	1-1/4"-7	168684
12" (305 mm)	1-1/4"-7	168685
14" (356 mm)	1-1/4"-7	168686



Segment Height: 10 mm
Drilling Depth: 14" (356 mm)

Additional diameter and special length core bits are available upon request.

MK-DRY MK Diamond Dry Core Bits have been specifically designed to tackle a variety of drilling operations on soft brick and concrete block. MK Dry-Cutting Bits are 10" in length, come with standard 5/8"-11 threaded nuts and easily attach to most handheld drills.



**LASER
WELDED**

MK-Dry Standard Core Bits

Diameter	Min Amps	Max/Min RPM	Part#
1" (25 mm)	6	6000/2300	155937
1-1/4" (32 mm)	6	6000/2300	155938
1-1/2" (38 mm)	6	6000/2300	155939
1-3/4" (44 mm)	7	5000/1600	156316
2" (51 mm)	7	5000/1200	155940
2-1/4" (57 mm)	7	5000/1200	155941
2-1/2" (64 mm)	7	5000/800	155942
3" (76 mm)	10	5000/800	155943
3-1/2" (83 mm)	10	5000/700	155944
4" (102 mm)	10	5000/700	155945
4-1/2" (114 mm)	10	5000/700	155946
5" (127 mm)	10	5000/700	155947
6" (152 mm)	10	2500/600	155948



Segment Height: 7.5 mm
Drilling Depth: 9-1/4" (235 mm)
Additional diameter and special length core bits are available upon request.



**LASER
WELDED**

MK-Dry Premium Core Bits

Diameter	Min Amps	Max/Min RPM	Part#
1" (25 mm)	6	6000/2300	158661
1-1/4" (32 mm)	6	6000/2300	158662
1-1/2" (38 mm)	6	6000/2300	158663
1-3/4" (44 mm)	7	5000/1600	158664
2" (51 mm)	7	5000/1200	158665
2-1/4" (57 mm)	7	5000/1200	158666
2-1/2" (64 mm)	7	5000/800	158667
3" (76 mm)	10	5000/800	158668
3-1/2" (83 mm)	10	5000/700	158669
4" (102 mm)	10	5000/700	158670
4-1/2" (114 mm)	10	5000/700	158671
5" (127 mm)	10	5000/700	158672
6" (152 mm)	10	2500/600	158710



Segment Height: 7.5 mm
Drilling Depth: 9-1/4" (235 mm)
Additional diameter and special length core bits are available upon request.

FLOOR PREP

MK Diamond Products manufactures a complete line of equipment for floor and surface preparation which are designed for cleaning, flattening and smoothing concrete surfaces, leveling out high spots and curled joints, coating removal, or polishing concrete and natural stone. A wide variety of grinding heads and cup wheels are available for every situation.





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mkdiamond.com/mov/sdg7.html

SDG-7 7" Grinder

Perfect for small jobs, the SDG-7 is designed to grind concrete to a smooth finish and provide dust control. The adjustable rear axle allows the disc to lie flush to the work surface. Utilizing diamond cup wheels, contractors can use the SDG-7 for grinding, cleaning, and leveling concrete, masonry, and mortar. Other applications include removal of thick coatings like epoxies and urethanes, adhesives, thin set mortar, rubber, floor coverings and waterproofing materials.

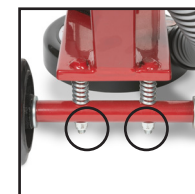
Disc RPM	3,500	
Disc Capacity	7" (178 mm)	
L x W x H (inches)	34.6" x 17.5" x 32"	
L x W x H (mm)	879 x 445 x 813	
Power	115V, 5.2 AMP	
Shaft Thread	5/8"-11 Female	
Weight	44 lbs. (20 kg)	
Includes	<ul style="list-style-type: none"> • Vacuum Shroud • Vacuum Connection Port • 7" Cup Wheel 	
Part#	166859	
Optional	IXL Hinged Shroud	ZEK Wheel Adapter
Part#	166964	169216



Removable handle bar makes it easy to transport



Easy to attach to vacuum system



Adjustable rear axle for leveling



SDG-11



SDG-3

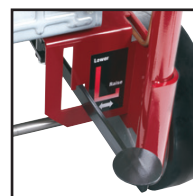


SDG-11/SDG-3 10" Single Disc Grinders

The heavy-duty SDG Single Disc Grinders are excellent for smoothing rough areas and other surface irregularities, feathering patches and cleaning industrial floors. Front tapered nose provides enhanced visibility. Removable handles and nose weight provide for easy transportation and storage. Water control valve is included for wet grinding. One-year limited warranty.

Disc RPM	980	
Disc Capacity	10" (254 mm)	
L x W x H (inches)	40" x 16" x 42"	
L x W x H (mm)	1,016 x 406 x 1,066	
Model	SDG-11	SDG-3
Engine/Motor	Honda (Gas)	Electric
Power	GXV340*	3 Hp 208V/230V
Weight	212 lbs. (96 kg)	212 lbs. (96 kg)
Part#	157377	161180

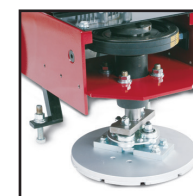
*Engine Power Information listed on page 127.
Optional Grinding Heads listed on page 113.



Pedal raises grinding discs off the ground for engine starting and idling.



Removable nose weight



MK-SDG grinding disc mount



DDG-11



DDG-5

DDG Series Double Disc Grinders

The MK DDG Dual Disc Grinder has been designed with two counter-rotating heads that prevent pulling. Ergonomically designed handles provide improved handling and comfort. Vacuum port allows for dust-free dry grinding. Water control valve is included for wet grinding. One-year limited warranty.

Disc RPM	550	
Disc Capacity	10" (254 mm)	
L x W x H (inches)	50" x 25" x 40"	
L x W x H (mm)	1,270 x 635 x 1,016	
Model	DDG-11	DDG-5
Engine/Motor	Honda (Gas)	Electric
Power	GXV340*	5 Hp, 230V 1PH
Weight	234 lbs. (106 kg)	272 lbs. (123 kg)
Part#	157012	158780

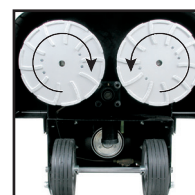
*Engine Power Information listed on page 127.
Optional Grinding Heads listed on page 113.



User friendly control panel



Two position wheel carriage



Counter rotating discs

MK-1010/MK-1020 SERIES of grinding heads are designed to give rough concrete surfaces the smoothest finish in the quickest time. Available in either 10 or 20 segment configurations. For use on MK SDG and DDG Series disc grinders. Hard bond is for grinding green concrete and asphalt. Soft bond is for grinding cured concrete.



MK-1010H Premium Hard Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	10	158181

Segment Height: 8 mm



MK-1010S Premium Soft Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	10	151925

Segment Height: 8 mm



MK-1010 Arrow Supreme Soft Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	10	167971

Segment Height: 8 mm



MK-1020H Premium Hard Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	20	158182

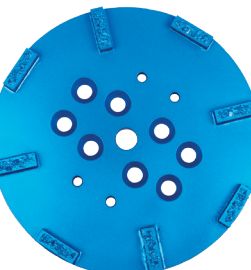
Segment Height: 8 mm



MK-1020S Premium Soft Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	20	151926

Segment Height: 8 mm



MK-1020 Turbo Supreme Hard Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	20	167939

Includes mounting bolts



MK-1020 Arrow Supreme Soft Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	20	168446

Segment Height: 8 mm
Includes mounting bolts

MK-PCD Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	8	172091

Segment Height: 8 mm



SG-9

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mkdiamond.com/mov/scarifier.html

Scarifiers

MK Scarifiers have been designed to leave a clean, textured or rough finish on any type of concrete or asphalt surface. Drums available to provide cleaning, texturing, leveling, grooving and paint removal. The unique engage/disengage lever allows the operator to raise and lower the drum without losing the depth setting. Drums are interchangeable and provide for fast and easy changeover. One-year limited warranty.

Drum Dimensions (Dia. x L)	6" x 8" (152 x 203 mm)	
L x W x H (inches)	23" x 20" x 43"	
L x W x H (mm)	813 x 508 x 1,092	
Drum Weight	30 lbs. (14 kg)	
Weight	170 lbs. (77 kg) (not including drum)	
Model	SG-9	SG-5
Engine/Motor	Honda (Gas)	Electric
Power	GX270 Cyclone*	5 Hp, 230V 1PH
Drum Configurations	Part#	Part#
5 Point Carbide Drum	158941	165276
6 Point Carbide Drum	158942	165277
18 Point Steel Sharp Tooth Drum	158943	165278
12 Point Steel Blunt Tooth Drum	158944	165279
Scarifier w/Blank Drum	158532	158533

*Engine Power Information listed on page 127.

Cutting Wheels and Parts

Description	Part#
(a) Steel Spacer	158575
(b) 5 Point Carbide 1-3/4" OD x 5/8" ID x 1/4" Five point cutter, maximum cutter shaft 1/2". Long lasting, fast milling of concrete, asphalt or coatings	158492
(c) 6 Point Carbide 1-3/4" OD x 5/8" ID x 1/4" Six point cutter, maximum cutter shaft 1/2". Long lasting, fast milling of concrete, asphalt or coatings	158493
(d) 18 Point Steel Sharp Tooth 2" OD x 5/8" ID x 5/32" 18 teeth, pointed. Lightly scarify, clean surfaces, remove traffic lines or remove coatings	158494
(e) 12 Point Steel Blunt Tooth 2" OD x 5/8" ID x 3/16" 12 teeth cutter, flat tip. General purpose removal of concrete or asphalt	158495
Hardened Steel Shaft	158463

Depending on cutting wheel style, production rate varies. Removal rate of 1/8" is between 350 and 500 square feet per hour.

8" Scarifier Drums

Scarifier drums come in a variety of cutter combinations to provide different speeds, removal rates and profiles.

Description	Cutters	Part#
5 Point Carbide 1-3/4" OD x 5/8" ID x 1/4" Five point cutter, maximum cutter shaft 1/2". Long lasting, fast milling of concrete, asphalt or coatings	84	158583
6 Point Carbide 1-3/4" OD x 5/8" ID x 1/4" Six point cutter, maximum cutter shaft 1/2". Long lasting, fast milling of concrete, asphalt or coatings	84	158584
18 Point Steel Sharp Tooth 2" OD x 5/8" ID x 5/32" 18 teeth, pointed. Lightly scarify, clean surfaces, remove traffic lines or remove coatings	114	158585
12 Point Steel Blunt Tooth 2" OD x 5/8" ID x 3/16" 12 teeth cutter, flat tip. General purpose removal of concrete or asphalt	114	158586

Drum weight 30 lbs. (14 kg)



5 Point Carbide



18 Point Steel Sharp Tooth

Surface Finish	Clean	Texture	Level	Groove	Remove
Cutting Wheel	18 Point Steel Sharp Tooth	12 Point Steel Blunt Tooth	5 or 6 Point Carbide	6 Point Carbide	6 Point Carbide

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mkdiamond.com/mov/vts50.html



MK-VTS/50 Floor Scraper

The MK Diamond Floor Scraper is a compact stripper that is both durable and easy to use. The handle detaches for storage and transport in smaller vehicles. Its light weight provides for handling by a single person. Adjustable rear wheels make finding the ideal blade angle quick and simple. The MK-VTS/50 is suitable for small to medium sized residential and light commercial jobs. The MK-VTS/50 removes VCT tile, carpet, sheet vinyl, adhesives and coating.

Travel Speed	Manual	
Motor	1 Hp	
Voltage	115 V/230 V 60 Hz	
Amperage	12.8/6.4	
L x W x H (inches)	24 x 12 x 43 (20" w/o handle)	
L x W x H (mm)	610 x 305 x 1,092 (208 w/o handle)	
Weight	126 lbs.	
Part#	167676	
Optional	Blade 7-3/8" x 3"	Blade 10" x 3"
Part#	167796	167619

Blades sold separately in 5 packs only



172313-B

CTS Demolition Cart Floor Scraper

The CTS Demolition Cart is engineered to hold the Bosch or Hitachi demolition hammer. Its ergonomic design provides the operator with an easier and safer way to demo and prep floors. It offers five blade angles for removal of ceramic tiles, vinyl, sheet vinyl, adhesives and coating from concrete surfaces.

Model	Cart with Bosch* Breaker Hammer & CTS Tile Scraper	Cart only with CTS Tile Scraper
Part#	172313-B	172313
Model	Cart with Hitachi* Hammer & CTS Tile Scraper	Cart only with CTS Tile Scraper
Part#	172655-H	172655
Optional	CTS Tile Scraper Attachment	Replacement Blades
Part#	172847	172848

*Bosch model #11335K

*Hitachi model #H65SD3



Easy angle
adjustments
for control



Compact
design for
transportation
and storage



Scraper blade
for quick
material
removal



Optional Straight Cut Wheel Kit
Part # 172014



MK-CC-100 Crack Chasing Saw

Highly productive crack chasing saw for cutting concrete or asphalt. Cuts 6' to 8' per minute (up to 3,000' per day) depending on material being cut. 1" maximum cutting depth with 8" blade. Highly maneuverable--uses small diameter dry diamond blade allowing for tighter turning radius. Can be used for joint clean-out with optional straight cut wheel kit accessory.

Motor	Honda GX270	Honda GX390
Max Cutting Depth	1"	1"
Blade Diameter	8"	8"
Blade Width	.250" - .500"	.250" - .500"
Blade Arbor	1" with Drive Pin Hole	1" with Drive Pin Hole
Weight	126 lbs.	140 lbs.
Part#	171320-9H	171320-13H

Optional	Straight Cut Wheel Kit
Part#	172014

Blade not included with saw.

Recommended Diamond Blades



MK-CC-100 Supreme Grade
Wet/Dry V-Segment
Crack Chasers
Width .250

Size	Part #
8"	151927



MK-CC-100 Supreme Grade
Wet/Dry V-Segment
Crack Chasers
Width .375

Size	Part #
8"	151934



MK-CC-100 Supreme Grade
Wet/Dry V-Segment
Crack Chasers
Width .500

Size	Part #
8"	151938



The MK-IXL concrete grinder shroud has been engineered to control dust during concrete grinding operations. This shroud is designed to fit most popular 7" grinders and is engineered for use with 7" diameter cup wheels. When used with a vacuum, the shroud helps to reduce cleanup time, provide better visibility and increase productivity. This shroud is specifically designed for cleaning, leveling spots, removing epoxies, urethanes, paint and other coatings, smoothing out uneven surfaces on floors and cleaning glues and mastics after removal of floor coverings.

7" VACUUM SHROUDS

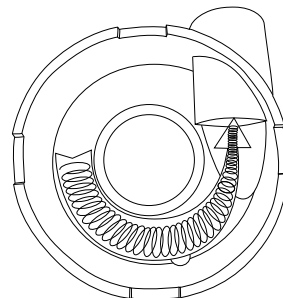
The shrouds have been engineered to fit popular 7" grinders. They are perfect to control dust when grinding.

- Developed for heavy-duty use by contractors for grinding concrete, masonry, and mortar
- Uses Cyclone Dust Extraction technology to control dust
- Dust control reduces clean up time
- Made from an "abrasive resistant" plastic to prevent wear from the grinding process
- Reinforced steel ring in shroud assists in gliding over concrete and helps resist wear
- Attaches to vacuums or dust extractors
- Easy to install, no tools are required

Description	Part#
7" Full Vacuum Shroud - 5 pack	167129
7" Hinged Vacuum Shroud - 5 pack	167130
7" Full Vacuum Shroud - Single (Carton Packed)	166037
7" Hinged Vacuum Shroud - Single (Carton Packed)	166964

Each individual shroud includes shroud clamp, shroud spacers (set of 5) and shroud instruction manual.

OPTIONAL: Cup Wheel Adapter, Part# 167149 (For cup wheels with a 7/8" arbor)



Cyclone Dust Extraction System

The IXL shroud's snail shape design utilizes the air velocity created by the rotating grinding wheel to efficiently channel dust particles away from the work surface and into the vacuum port. This technology results in less airborne dust, less cleanup and improved grinding efficiency.



7" Full Shroud



Sold in a Master Pack of 5 in a display tray.



7" Hinged Shroud



MK-IXL Shroud is easy to install, no tools are required, and is designed to fit 7", 15 amp grinders - Milwaukee, Dewalt, Metabo, Hitachi, Makita, and Bosch.

5" VACUUM SHROUDS

The MK Diamond 5" Vacuum Shroud is for concrete and surface grinding dust control. The shroud easily attaches to a vacuum or dust extractor resulting in a cleaner working environment and increasing visibility during grinding.

The 5" Vacuum Shroud is easy to install on popular grinders with included adapters

- Developed for grinding concrete, masonry and mortar
- Increases cup wheel life by removing abrasive dust
- Dust control reduces clean up time and provides better visibility for operator
- Designed for use when cleaning, leveling spots, removing epoxies, urethanes, paint and other coatings
- Fits popular 4"-5" hand grinders

Description	Part#
5" Full Vacuum Shroud	172366



All shrouds fit these popular grinders: Dewalt, Bosch, Metabo, Makita and Milwaukee.

SWING SHROUD

SWING SHROUD

The Swing Shroud is for concrete and surface grinding dust control. The shroud easily attaches to a vacuum or dust extractor resulting in a cleaner working environment. It controls airborne particles thus protecting workers from dangerous crystalline silica exposure. The shroud is made from an "abrasive resistant" plastic to prevent wear from the grinding process. The swing nose of the shroud easily flips to the side for grinding against walls and edges.

- The front nose easily swings away for edge work
- Developed for dust control when grinding concrete, masonry and mortar with diamond cup wheels or abrasive discs
- Designed for use when cleaning, leveling spots, removing epoxies, urethanes, paint and other coatings
- Dust control reduces clean up time
- Increases cup wheel life by removing abrasive dust
- Includes set of 5 shroud spacers to fit most popular grinders

Description	Part#
5" Swing Shroud (Clamshell Packed)	172360
5" Swing Shroud (Carton Packed)	170762
7" Swing Shroud (Carton Packed)	172703

Each individual shroud includes shroud clamp, cup nut assembly, shroud spacers (set of 5) and shroud instruction manual.



Installs easily on most grinders with included adapters



Easily attaches to vacuums or dust extractors



The MK-304 Premium series diamond cup wheels are available in a single row wheel or double row wheel. MK Diamond cup wheels feature venting holes for fast, rough, dry or water-cooling grinding. They are ideal for rough surface preparation and de-burring of concrete surfaces. Use with angle grinders or floor grinding machines.

304CG-1 Single Row Premium Cup Wheels

Diameter	Arbor	Segments	Part#
4" (102 mm)	7/8"-5/8"	8	155444
5" (127 mm)	7/8"-5/8"	9	158068
7" (178 mm)	7/8"-5/8"	12	155446
Diameter	Nut	Segments	Part#
4" (102 mm)	5/8"-11	8	155684
5" (127 mm)	5/8"-11	9	158376
7" (178 mm)	5/8"-11	12	155685

304SG-2 Double Row Premium Cup Wheels

Diameter	Arbor	Segments	Part#
4" (102 mm)	7/8"-5/8"	16	155445
5" (127 mm)	7/8"-5/8"	18	158069
7" (178 mm)	7/8"-5/8"	24	155447
Diameter	Nut	Segments	Part#
4" (102 mm)	5/8"-11	16	155686
5" (127 mm)	5/8"-11	18	158375
7" (178 mm)	5/8"-11	24	155687

MK Diamond Supreme segment cup wheels have been designed for quick de-burring and form mark removal. The turbo segmented design of the MK-504CG-1 and MK-504CG-2 are ideal for cleanup and finish work.

504CG-1 Single Row Supreme Cup Wheels

Diameter	Arbor	Segments	Part#
4" (102 mm)	7/8"-5/8"	8	158688
5" (127 mm)	7/8"-5/8"	9	158730
7" (178 mm)	7/8"-5/8"	12	158734
Diameter	Nut	Segments	Part#
4" (102 mm)	5/8"-11	8	158687
4-1/2" (114 mm)	5/8"-11	8	158699
5" (127 mm)	5/8"-11	9	158729
7" (178 mm)	5/8"-11	12	158733

504SG-2 Double Row Supreme Cup Wheels

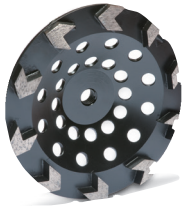
Diameter	Arbor	Segments	Part#
4" (102 mm)	7/8"-5/8"	14	158690
5" (127 mm)	7/8"-5/8"	16	158732
7" (178 mm)	7/8"-5/8"	24	158736
Diameter	Nut	Segments	Part#
4" (102 mm)	5/8"-11	14	158689
4-1/2" (114 mm)	5/8"-11	14	158700
5" (127 mm)	5/8"-11	16	158731
7" (178 mm)	5/8"-11	24	158735



704SG-2 Bi-Turbo Cup Wheels

MK-704SG Bi-Turbo Diamond Cup Wheels are designed for high efficiency surface grinding and cleaning of concrete. Bi-Turbo cup wheels utilize a unique large format turbo segment design that maximizes diamond surface contact with the work surface resulting in fast and very aggressive material removal. The large air hole design improves cooling and dust evacuation.

Diameter	Arbor	Segments	Part#
7" (178 mm)	7/8"-5/8"	18	167115
Diameter	Nut	Segments	Part#
6" (152mm)	5/8"-11	14	162698
7" (178 mm)	5/8"-11	18	167114



804C-G1 Arrow Cup Wheels

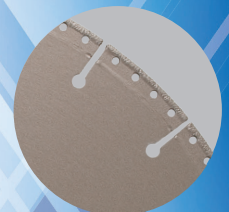
The Arrow Cup Wheel is designed for floor preparation work prior to the polishing process. It is designed for grinding thick coatings, epoxy, urethane, and other membrane materials. The arrow shaped segment allows for scraping and grinding at the same time. The Arrow Cup Wheel features venting holes to dissipate heat for extended wheel life. These diamond cup wheels provide fast production rates and long life and can be used for wet or dry grinding.

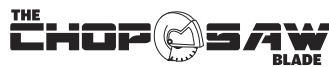
Diameter	Arbor	Segments	Part #
4" (102 mm)	7/8"	5	168605
4-1/2" (114 mm)	7/8"	6	168606
5" (127 mm)	7/8"	6	168607
7" (178 mm)	7/8"	10	168608
Diameter	Nut	Segments	Part #
7" (178 mm)	5/8"-11	10	168609

METAL

MK Diamond Products offers DiamondX Tools for demanding metal-working applications like cutting, grinding, weld joint removal, and surface prep work. DiamondX is made with diamonds, the hardest natural material known to mankind.

It is manufactured by a unique brazing technology that allows a high concentration of diamonds to be chemically and mechanically bonded to a steel surface. The resulting tool life is far greater than standard abrasives. DiamondX can cut and grind an extremely wide range of materials. DiamondX delivers cost efficiency with longer tool life with less downtime changing worn abrasives discs, reduced sparks, less debris and no odor and no reduction in tool size or shape.





The MK-5S is a diamond rim chop saw blade engineered to cut rebar, pipe, angle iron and steel. The MK-5S utilizes advanced brazing technology to adhere premium quality diamond grit to a solid steel core. Longer life, maximum performance and improved safety are the advantages over an abrasive wheel. The MK-5S can easily outlast traditional abrasive wheels by a factor of up to 100 to 1. Not intended for use on handheld cut off saws.

Diameter	Width	Arbor	Part #
12" (305mm)	.140	1"-20mm	171267
14" (356mm)	.133	1"	170897

Not intended for use on a handheld cut off saw.

MK-MCB METAL CUTTING BLADE

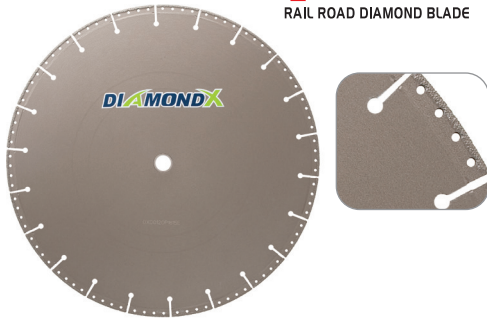


The MK-MCB is a vacuum brazed saw blade engineered to cut rebar, angle iron, cast iron, iron pipe, steel, sheet metal and ferrous metals. The blade utilizes advanced brazing technology where diamond particles are fused directly to the steel core creating the strongest heat resistant bond available when cutting without water cooling. For use with angle grinders and circular saws.

Diameter	Width	Arbor	Part #
4-1/2" (114 mm)	.060	7/8"-5/8"	173151



CUT - OFF WHEELS FOR RAIL



Diameter	Width	Arbor	Rail Blade Part #	Silent Core Part #
16" (406 mm)	.155	20mm, 1"	168761-DX	170630-DX
18" (452 mm)	.170	1"	168855-DX	170631-DX
20" (508 mm)	.170	1"	168856-DX	170632-DX

30 Grit



Application: Foundry-Gate / Riser Removal, Cutting Forging, Steel Metal, Pipe, Metal Plate, Round & Sectional Tubing, Steel Bar, Angle Iron, Cast Iron, Ductile Iron, Metal Studs, Carbon / Mild Steel, and Ceramic

CUTTING AND GRINDING DISCS (FLAT)



Diameter	Width	Arbor*	Part #
4" (102 mm)	.140	5/8"	168843-DX
4-1/2" (114 mm)	.140	7/8"	168844-DX
5" (127 mm)	.140	7/8"	168845-DX
6" (152 mm)	.140	7/8"	168846-DX
7" (178 mm)	.140	7/8"	168847-DX
9" (229 mm)	.140	7/8"	168848-DX

36 Grit *5/8" - 11" arbor available upon request



Application: Foundry-Gate / Riser Removal, Cutting Forging, Steel Metal, Pipe, Sectional Tubing, Metal Plate, Shipbuiding, Steel Bar, Ductile Iron, Hard Face Metal Alloys, and Ceramic

DEPRESSED CENTER GRINDING DISCS



Diameter	Arbor	24 Grit Part#	50 Grit Part#
4" (102 mm)	5/8"	168837-DX	170616-DX
4-1/2" (114 mm)	5/8" - 11 HUB*	168838-DX	170617-DX
5" (127 mm)	5/8" - 11 HUB*	168839-DX	170618-DX
6" (152 mm)	5/8" - 11 HUB*	168840-DX	170619-DX
7" (178 mm)	5/8" - 11 HUB*	168841-DX	170620-DX
9" (229 mm)	5/8" - 11 HUB*	168842-DX	170621-DX

*7/8" arbor available upon request



Application: Weld Removal, Pipe Beveling and Stock Removal of all Ferrous and non-Ferrous Metals including Mild Steel, Stainless Steel, Alloy Steels, Ductile Materials, Hard-Face Metal Alloys, and Ceramic

BLADE WILL NOT CUT

Blade is too hard for material being cut.

Use a softer bonded blade. Select proper blade specification for material being cut.

Blade has become dull as a result of being used on too hard a material.
Improper blade specification; blade is too hard for the material being cut.
Use a softer bonded blade to reduce operating stresses.

"Dull" Blade.

"Open" blade by dressing segment on abrasive block.



UNEVEN SEGMENT WEAR

Insufficient water (usually on one side of blade).

Flush out water system and check flow and distribution to both sides of blade.

Equipment defects cause the segments to wear unevenly.

Replace bad bearings, worn arbor shaft or misalignment to spindle.
Concrete saws, engine must run smoothly to prevent harmonic vibration.

Saw is misaligned.

Check saw head alignment for squareness both vertically and horizontally.

SHORT BLADE LIFE

Blade bond or matrix is too soft.

Use a harder matrix blade.

Overheating due to lack of water.

Check water feed lines and make sure flow is adequate on both sides of blade.



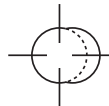
UNDERCUTTING THE STEEL CENTER

Abrasion of steel center due to highly abrasive fines generated during cutting.

Use as much water as possible to flush out fines generated during cutting, or use wear-retardant cores.

Cutting through material into sub-base.

Wear-retardant cores are not always the ultimate solution to eliminating undercutting. Your best defense is to always provide an adequate water flow to the steel center area immediately adjacent to the segment. This is especially important when making deep cuts.



ARBOR HOLE OUT-OF-ROUND

Blade collar is not properly tightened, permitting blade rotation or vibration on the shaft.

Tighten the shaft nut with a wrench to make certain that the blade is adequately secured.

Blade collars are worn or dirty, not allowing proper blade clamping.

Clean blade collars, making sure they are not worn.

Blade is not properly mounted.

Make certain the blade is mounted on the proper shaft diameter before tightening shaft nut. Ensure the pin hole slides over drive pin. Make sure that drive pin is in pin hole.

Loose Belt on saw.

Tighten belts. Check to see if arbor on saw is running true.

LOSS OF TENSION

Steel center has been overheating as a result of blade spinning on arbor.

Check water flow, distribution and lines. Tighten the blade shaft nut. Make certain the drive pin is functioning (on concrete saws).

Steel center has been overheating from rubbing the side of material being cut.

Make certain blade RPM is correct so the blade operates at its tensioned speed. Tune engine according to manufacturers' manual.

Unequal pressure at blade clamping collars.

Blade clamping collars must be identical in diameter and the recommended size.

BLADE WORN OUT OF ROUND

Shaft bearings are worn (masonry and concrete).

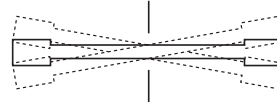
Install new blade shaft bearings or blade shaft, as required.

Engine is not properly tuned on concrete saws, causing surges in blade rotation.

Tune engine according to manufacturers' manual.

Blade arbor hole is damaged from previous incorrect mounting.

Replace worn shaft or mounting arbor bushing. Bond is too hard for material, causing a "rounding" and wearing one half of the blade more than the other. Make certain that drive pin is functioning. Use proper blade specification.



BLADE WOBBLES

Blade runs at improper speed.

Check for bad bearings, bent shaft, or worn mounting arbor. Speed of the saw is either too fast or too slow for the size of the blade: RPM of the saw should be verified to the specific speeds established by the ANSI Standards for minimum and Maximum blade speeds; make certain that blade shaft is running at recommended RPM to match tensioned speed of blade. Should the blade continue to wobble after verification of the saw RPM, then the blade should be returned to the manufacturer to be retensioned and flattened.

Blade collar diameters are not identical.

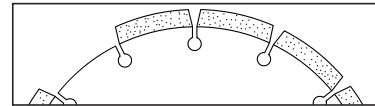
Check blade collar discs to make sure they are clean, flat and of correct diameter.

Blade is bent as a result of dropping or being twisted in the cut during operation.

Blade should be returned to the manufacturer to be retensioned and flattened.

Loss of blade tension.

(See loss of tension)



SEGMENT LOSS

Overheating due to lack of water.

Check water feed lines and make sure flow is adequate on both sides of blade.

Steel center is worn from undercutting.

Use sufficient water to flush out the cut.

Defective blade collars are causing blade misalignment.

Clean blade collars or replace if collars are under recommended diameter.

Blade is too hard for material being cut.

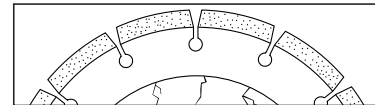
Use proper blade specification for material being cut.

Blade is cutting out of round, causing a pounding motion.

Replace worn bearings; realign blade shaft or replace worn blade mounting arbor.

Improper blade tension.

Ensure blade is running at correct RPM. Blade is tensioned for correct RPM. Tune engine according to manufacturers' manual.



CRACKS IN STEEL CENTER

Blade flutters in cut as a result of blade losing tension.

Tighten the blade shaft nut. Make sure blade is running at proper tensioned speed and that drive pin is functioning properly.

Blade specification is too hard for the material being cut.

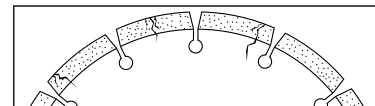
Use a softer blade bond to eliminate stresses that create cracks.

Bad blade shaft bearing.

Replace blade shaft bearing.

Overheating due to lack of water.

Check water feed lines and make sure flow is adequate on both sides of blade.



SEGMENT CRACKS

Blade is too hard for material being cut.

Use a blade with a softer bond.

Blade being "forced" through the cut causing chattering.

Run Saw at normal speed. "Open" blade by sharpening in abrasive material.

FACTORS THAT EFFECT PERFORMANCE

The following factors affect the performance of a concrete cutting blade or bit and should be considered when making your selection:

COMPRESSIVE STRENGTH

Concrete may vary greatly in compressive strength which is measured in POUNDS per SQUARE INCH (PSI). Most concrete roads are approximately 4-6,000 PSI, while typical patios and sidewalks are about 3,000 PSI.

Concrete Hardness	PSI	Application
Critically Hard	8,000+	Nuclear power plants
Hard	6-8,000	Bridge piers
Medium	4-6,000	Highways
Soft	3,000 or less	Sidewalks and patios

SIZE OF AGGREGATE

Larger aggregates tend to make a blade cut slower while smaller aggregates tend to allow a blade cut faster. The most common aggregate sizes are:

Size	
Pea Gravel	Usually less than 3/8" in diameter
3/4"	Sieved size
1-1/2"	Sieved size

TYPE OF SAND

Sand is the component of the mix which determines the abrasiveness of the concrete. Sand can either be "sharp" (abrasive) or "round" (non-abrasive). Crushed sand or bank sand are usually sharp; river sand is usually round.

HARDNESS OF AGGREGATE

There are many different types of rock used as aggregate. Generally, hard aggregate breaks down the cutting diamonds faster, which means the bond must be softer to expose new diamonds. Softer aggregate generally does not break down the cutting diamonds as quickly, requiring a harder bond to hold the diamonds in place and to be used to their full potential. The Moh's scale is used to measure the hardness of aggregate and has a range of 1-10. Most aggregates fall into the 2-9 range:

Moh's Range	Description	Aggregates
8-9	Critically hard	Flint, Chert, Trap Rock, Basalt
6-7	Hard	River Rock, Granites, Quartz, Trap Rock
4-5	Medium/Hard	Granites, River Rock
3-4	Medium	Limestone, Sand Stone, Dolomite, Marble
2-3	Soft	Soft Limestone

REINFORCING STEEL

Steel reinforcing tends to make a blade cut slower. Less reinforcing allows a blade to cut faster. Heavy rebar can also result from different grades of steel. Typical rebar is grade 40 but grade 60 is also common. Rebar gauges are in eights of an inch. #4 is 1/2" diameter, #5 is 5/8" diameter etc.

Size	Examples
Light	Wire mesh, single mat.
Medium	#4 rebar, every 12" on center each way (OCEW), single mat, wire mesh, multi-mat
Heavy	#5 rebar, 12" OCEW, single mat, #4 rebar, 12" OCEW, double mat

GREEN OR CURED CONCRETE

The drying, or curing, of concrete greatly effects how the concrete will interact with a diamond blade. Green concrete is freshly poured concrete that has not yet cured. Green concrete is softer and more abrasive than cured concrete. A harder bond with undercut protection should be used until the concrete is cured, at which point a softer bond is appropriate. The definition of green concrete can vary widely. Water temperature, moisture in the aggregate, time of the year and the amount of water in the mix all influence the curing time. Concrete is generally considered "green" for 8 to 48 hours after it has set.

VARIABLES

VARIABLES		CHANGE	RESULTS	
			Cutting Speed	Blade Life
The Blade	Segment Bond Hardness	Harder Softer	Slower Faster	Longer Shorter
	Diamond Quality	Lower Higher	Slower Faster	Longer Shorter
	Diamond Concentration	Lower Higher	Slower Faster	Longer Shorter
	Segment Width	Thicker Thinner	Slower Faster	Longer Shorter
The Saw	Horsepower	Lower Higher	Slower Faster	Longer Shorter
	Blade Speed	Higher Lower	Slower Faster	Longer Shorter
The Job	Water Volume	Higher Lower	Slower Faster	Longer Shorter
	Cutting Depth	Deep Shallow	Slower Faster	Longer Shorter
	Cutting Pressure	Lower Higher	Slower Faster	Longer Shorter
The Material	Material Hardness	Harder Softer	Slower Faster	Longer Shorter
	Material Abrasiveness	Less More	Slower Faster	Longer Shorter
	Aggregate Size	Larger Smaller	Slower Faster	Longer Shorter
	Steel Reinforcing	More Less	Slower Faster	Longer Shorter

The MK Diamond Products line is sold through authorized Distributors established on a market-oriented basis. Distributors are firms that have been selected by MK Diamond Products to represent MK Diamond Products' equipment and blades and who actively promote and sell MK Diamond Products' line or products. Distributors are responsible for stocking a sufficient quantity and assortment of equipment and blades to properly service their specific market. MK Diamond Products reserves the right to terminate a Distributor at any time.

TERMS OF SALE

All sales will be at prices, discounts and rebates in effect as established by MK Diamond Products. Any inconsistent provisions contained in any purchase order or release issued by a Distributor will not apply unless expressly accepted by MK Diamond Products in writing. All prices in U.S. dollars.

CREDIT POLICY

All accounts must furnish satisfactory credit references and financial information. Payment history will be considered in credit decisions regarding current Distributors. All discrepancies must be reported within 90 days of invoice date. No orders will be shipped to delinquent accounts.

DISTRIBUTOR FREIGHT POLICY

- **Standard Freight Policy for Equipment:** MK Diamond will ship freight prepaid all orders over \$5250 for equipment. For Orders less than \$5250, MK Diamond will ship equipment freight prepaid as long as four blades are purchased of a similar size to the saw's blade guard capacity for each saw ordered. All orders must be shipped to the customer's place of business.
- **Drop Ship Orders:** MK Diamond will drop ship any order (blades & equipment) to a location other than the customer place of business and will prepay and add all associated charges to the invoice (these include handling charge, lift gate and residential delivery and signature required). Charges may apply for deliveries held at a freight terminal for customer pick up. Please check with customer service for all Resale and Use Tax charges which might be incurred when drop shipping an order; these charges will be added to the Sales Acknowledgement and Invoice if applicable.
- **Diamond Blades:** MK Diamond will prepay freight on all diamond blades orders of at least \$500.
- **Parts, Accessories and Miscellaneous Items:** Freight is prepaid and added to the invoice. Minimum order value is \$45.
- **General Freight Terms and Exceptions:** Orders shipped to Hawaii, Alaska or outside the continental United States will be charged for all freight and handling fees. Charges for residential delivery, lift gate, signature required, etc. are extra, which are billed separately as a handling fee. When the customer requests expedited transportation, MK will prepay and add this expedited fee to the invoice.

Freight for large concrete saws (MK-20, MK-3000 & MK-4000 series), MK-5000 series block saws, Barranca Diamond equipment and Canoga mixers is prepaid and added to the invoice, irrespective of order size.

All risk, loss or damage shall be upon the Distributor after delivery to the carrier. We reserve the right to ship in the most economical way. Any claims for packing shortages must be made within 30 days. Claims for shipping damage or loss must be made with the carrier.

PARTS ORDERING

When ordering direct from MK Diamond, please have the following information ready before calling:

- The Model Number of the saw
- The Serial Number of the saw
- Where the saw was purchased and when
- The Part Number for the part(s) being ordered
- The Part Description for the part(s) being ordered

All parts may be ordered by calling toll free to – 800 421-5830 or 310 539-5221 and asking for Customer Service. For technical questions, call – 800 474-5594.

PAYMENT

Terms are Net 30 days. MK Diamond Products may offset any amounts owed by a Distributor to MK Diamond Products against amounts owed by MK Diamond Products to such Distributor. All accounts not paid in accordance with these terms will be assessed a service fee at the maximum amount permitted by law, not to exceed 1-1/2% per month. In addition, the Distributor shall be liable for all costs and deficiencies that may result from the repossession and or resale of products. Payment terms are governed by invoice date; not by the date of receipt of material or invoice.

PRICING REBATES AND SPECIFICATIONS

MK Diamond Products reserves the right to change the construction, specifications, prices, discounts, rebates, and terms of same of its products without obligation as to products previously shipped or sold. Refunds or rebates will not be made on distributor's shelf stock due to price decreases.

RETURNED MERCHANDISE

To expedite the service relative to the return of a product, all requests must be in writing. Contact MK Diamond Customer Service at 800 421-5830 or 310 539-5221, to request a "Return Authorization Request Form." Items must have been purchased within the previous twelve (12) months.

You will need the following information to complete the form:

- Model Number of the saw
- Serial Number of the saw
- Location of where the saw was purchased
- Date the saw was purchased

Return the authorization form to MK Diamond Products. Allow three to five business days for a response, at which time a Return Goods Authorization (RGA) number will be issued for your return. Refer to the equipment owner's manual for packaging instructions. Ensure the RGA number is on the outside of the returned package. Ensure your item(s) are prepaid to the destination.

ACCEPTANCE OF ORDERS

All orders are subject to acceptance by MK Diamond Products and shall be binding on MK Diamond Products only upon written acceptance or by shipment.

CANCELLATIONS

Cancellation of unshipped or partially shipped orders will result in a charge back to the Distributor if the resulting order no longer meets the quantity and freight requirements at which the original order was discounted.

SPECIAL PRODUCTS

A Distributor may not quote price or delivery on any product not listed as "standard" in MK Diamond Products' current catalog. All specifications of products other than "standard" shall be forwarded to MK Diamond Products. If orders for special products are accepted, they are not subject to cancellation.

MK Diamond Products is not responsible for any commitment or specifications not presented for approval.

GOVERNMENT BUSINESS

MK Diamond Products reserves the right to quote and sell direct on requirements for any government agency or the United States federal government.

O.E.M. BUSINESS

MK Diamond reserves the right to quote and sell direct to any firm using standard or special MK Diamond Products as an Original Equipment Manufacturer.

MK DIAMOND PRODUCTS RESERVES THE RIGHT TO CHANGE AND/OR MODIFY PRODUCTS, SPECIFICATIONS, PART NUMBERS AND PRICES WITHOUT NOTICE.

New equipment sold by MK Diamond Products is warranted to be free from manufacturing defects in normal service for a period of One (1) Year or as indicated by the product from date of purchase by the original consumer purchaser. Component manufacturers offer separate Warranty periods.

This Warranty shall not apply to any parts that have been subjected to misuse or improper service, that have been damaged in transit or handling, or that have been altered or repaired by unauthorized representatives. This Warranty does not cover defects caused by or resulting from misuse, abuse, neglect or damage caused by accident or the failure to provide reasonable maintenance. This Warranty is void if the product or any of its individual components is altered or modified by the purchaser or if the product is used in a manner or with a blade not recommended by MK Diamond Products.

Any claim arising under this Warranty must be submitted by the original purchaser within the Warranty period specified above, and shall include proof of purchase. During said Warranty period MK Diamond Products shall, at its option, either replace or repair, at no charge to the original purchaser, any parts or components that are found to be defective by MK Diamond Products. MK Diamond Products shall not be responsible or obligated to pay for freight or other transportation-related costs or expenses in connection with any defective products or components that are either returned to MK Diamond Products' facility or any authorized repair station and/or replacement products or components that are shipped from MK Diamond Products pursuant to this Warranty. Parts and labor needed to maintain products, and the replacement of components due to normal wear and tear, are the purchaser's responsibility and are not covered by this Warranty. All products or components replaced under Warranty become the property of the manufacturer. All replacement parts will be considered to be part of the original product and any Warranty on such parts will expire concurrently with this original Warranty.

MK Diamond Products will pay for parts and labor in connection with Warranty repairs conducted by MK Diamond Products or its authorized repair centers. Replacement parts, installed by anyone else will be provided without a charge for such replacement parts, but this Warranty will not apply to labor charges in connection therewith.

IN NO EVENT SHALL ANY LIABILITY UNDER THIS WARRANTY EXCEED THE REPLACEMENT COST OF ANY DEFECTIVE PRODUCT OR COMPONENT THEREOF, AND MK DIAMOND PRODUCTS SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OR FOR ANY OTHER DAMAGE OR LOSS NOT EXPRESSLY ASSUMED AS SET FORTH HEREIN. The foregoing constitutes an expressed Warranty on the terms set forth above and is the only Warranty of merchantability and/or fitness for a particular purpose or use being denied. This limited Warranty is expressly in lieu of all other Warranties, whether expressed or implied.

Specifics applicable to limited Warranty of diamond blades and core bits:

- **Laser Welded Blade and Bit Warranty** If the laser weld between the segment and the steel core or barrel fails during normal use, the blade or bit will be replaced free of charge.
- **Brazed Bladed and Bit Warranty** If the brazed bond between the segment and the core or barrel fails within the first .050 of segment wear, the blade or bit will be replaced free of charge.
- **Continuous Rim Blade Warranty** If the bond between the rim and the core fails during normal use, the blade will be replaced free of charge.

EXCLUSIONS

MK Diamond does not warrant the following components, which carry their own manufacturer's warranty for the indicated periods:

Gas Engine Manufacturers	Length of Manufacturer's Warranty
Briggs & Stratton	3 Years
Honda	3 Years
Kohler	2 Years
Kubota	2 Years or 2000 hours

Transmission Manufacturer	Length of Manufacturer's Warranty
Eaton	3 Years

Electric Motor Manufacturer	Length of Manufacturer's Warranty
ABB (Baldor)	1 Year
Hillhouse	1 Year
Leeson	1 Year
Milwaukee	5 Years
Weg	1 Year

HAND TOOLS

All electric and pneumatic grinding/polishing tools are covered by a 90-day limited warranty.

ENGINE POWER INFORMATION

Engine power ratings are calculated by the individual engine manufacturer and the rating method may vary among engine manufacturers. MK Diamond Products makes no claim, representation or Warranty as to the power rating of the engine on this equipment and disclaims any responsibility or liability of any kind whatsoever with respect to the accuracy or the engine power rating. Users are advised to consult the engine manufacturer's owners manual and website for specific information regarding the engine power rating.



MK Diamond Products, Inc.

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Visit us at:



Price \$3.95



An American, family-owned company for 150 years

MK Diamond Products, Inc.

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