

MK DIAMOND PRODUCTS, INC. CATALOG

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American Rental Association
Associate Member



Ceramic Tile Distributors
Association



California Rental Association



Mason Contractors
Association of America



National Tile
Contractors Association



Specialty Tools & Fasteners
Distributors Association



Texas Rental Association



Tile Council of America

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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

MK Diamond's state-of-art facility provides better, faster service to our customers



MK Diamond Products, Inc. has a heritage that stretches back to the mid 1860's when Joseph Musto came from Italy to fulfill his dream of building fine structures of beautiful Italian marble. He opened the Musto Brothers Steam Marble Mill in San Francisco, California.

In the late 1919, Joseph's son, Clarence, came to Los Angeles. By 1949, the newly named Musto-Kennan Company had gained a reputation for making top quality diamond tools to cut marble and tile faster and more

efficiently. In 1963, MK Diamond Products became a division of Musto Industries.

Since incorporation in 1983, MK Diamond Products, Inc. has grown into a world wide force in the industry as the leading manufacturer of high quality, precision diamond saw blades, equipment and accessories. Today, we are still researching and developing new, innovative products which will deliver excellence in the field and value for our customers.

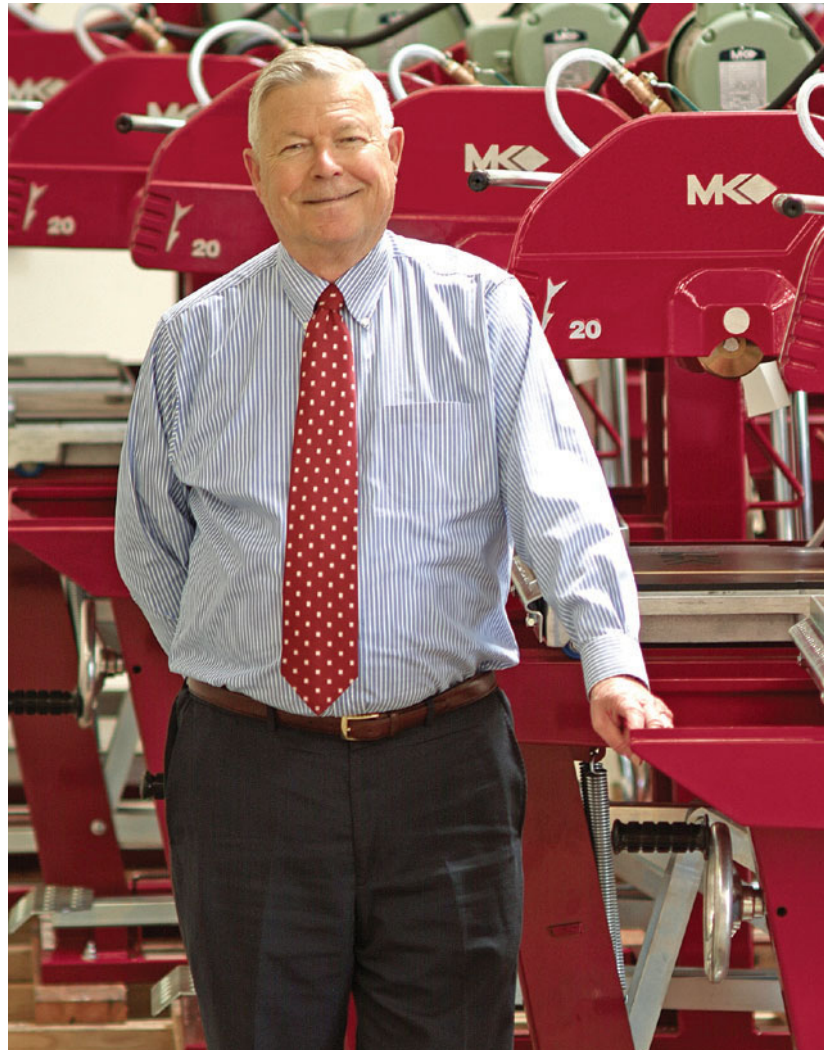
Today's Leadership

Robert J. Delahaut's leadership began in 1976, he expanded the company by creating a line of precision power cutting saws that began with a tile saw line and now includes masonry, concrete, and coring equipment. Now with his son, Brian Delahaut, as Vice President the family tradition continues.

In 2006 MK Diamond purchased Canoga Equipment, opening new opportunities of business in the rental and construction supply market. In 2008 Barranca Diamond became a division of MK Diamond, focusing on the stone and lapidary industry. Barranca Diamond is now expanding into the mining industry with a new line of core saws. Then in 2009 MK Diamond acquired the Sawtec® brand that provides contractors with a range of dust-free tools and grinding accessories for surface preparation and concrete repair.

Worldwide distribution and an expanded product mix gives MK Diamond the strength needed in this ever changing economic environment. With generations of experience and new technology, MK Diamond is manufacturing the best products ever.

Now celebrating over 140 years, the tradition continues today as this American-owned company continues to produce quality products that lead the industry and answer the needs of skilled craftsmen everywhere.





Customer Service

MK Diamond Products, Inc. has thrived on the principle that “good enough” is never really good enough. The Company has remained in the forefront of the marketplace by consistently engaging in product research and development. The same philosophy carries over to customer service. Each product is backed by a service policy that is second to none in the industry. We have only one goal... to give our customers the best products and service possible, and nothing less. Customer Service is the key to the sales department. We are easy to reach with our nationwide toll free numbers, e-mail, live help, facebook, and fax machines. We are committed to being helpful, friendly and capable.

Customers all over the globe know that MK Diamond Products Inc. brings you the finest quality products... wherever you work.



Alaska
Australia
Bahamas
Bermuda
Burma
Canada
Chile

Colombia
England
Ethiopia
Finland
France
Germany
Hawaii

Hong Kong
Iceland
Indonesia
Jamaica
Japan
Korea
Madagascar

Malaysia
Mexico
New Caledonia
New Guinea
New Zealand
Norway
Palau Island

Phillippines
Puerto Rico
Saudi Arabia
South Africa
Spain
Sweden
Switzerland

Taiwan
Thailand
United States
Uruguay
Venezuela
Zimbabwe



At a Glance

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

Diamond Blades 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.

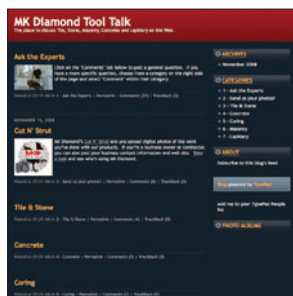
Questions to ask:

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. Use it as a quick reference or browse the interactive links to top industry safety and news organizations. It's easy to navigate and has in-depth content for:



- ✓ Special Offer Sign-up
- ✓ Product Videos
- ✓ Live Chat
- ✓ Product Search
- ✓ Technical Manuals & Documents
- ✓ Sell Sheets – For Printing or Emailing
- ✓ New Catalog and Brochures
- ✓ Merchandising Options
- ✓ Tool Talk Blog
- ✓ Cut N' Strut Showcase
- ✓ Product Registration



Protect, preserve and sustain our environment

MK Diamond is committed to “going green” and working toward a more sustainable world. In our ongoing effort we are converting our white cartons to corrugated brown cartons. The new cartons are made of 50% post consumer waste and are reusable and recyclable.

We are moving toward purchasing more materials from clean-energy producers and working with green builders to develop new products.

In 2008 we began to increase our electronic communication and continue that trend today with the catalog fully online. It is easy to access, can be downloaded in PDF format or emailed. You can print on demand just the pages you need.

MK Diamond Products goal is to reduce our overall carbon footprint. We recognize that electronic communication is more eco-friendly and more convenient for our customers - a great balance of environment and business.



[http://www.facebook.com/
pages/MK-Diamond-Products-
Inc/192043712455](http://www.facebook.com/pages/MK-Diamond-Products-Inc/192043712455)



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.



MK-70 KIT 4" Handheld Saw

The MK-70 Handheld Saw cuts a variety of materials wet or dry. Ergonomic handle grip reduces operator fatigue. The MK-70 includes two 4" premium diamond blades, an 8' water hose, water connection and a lightweight and durable carrying case. One-year limited warranty.

Motor	Electric
Power	1/2 HP, 120V
Blade Capacity	4" (102 mm)
Depth of Cut	1-1/8" (28 mm)
Depth of Cut at 45°	1" (25 mm)
L x W x H (inches)	10" x 8" x 6.5"
L x W x H (mm)	254 x 203 x 165
Weight	7 lbs. (3.2 kg)
Includes	<ul style="list-style-type: none"> • 4" Dry Cutting Continuous Rim Diamond Blade • 4" Dry Cutting Turbo Rim Diamond Blade • 8' Water Hose • Plastic Case • Wrenches • Water Attachment
Part#	157461

(Available with 220V/50Hz motor)



Designed for easy blade changes and maintenance inspection



Suitable for wet cutting tile, brick, block, concrete, stucco and fiber cement siding



Suitable for dry cutting tile, concrete, block and stucco



MK-145 4-1/2" Wet Cutting Benchtop Tile Saw

The MK-145 Portable Tile Saw features a large cutting surface designed to accommodate a 12" tile. Immersion blade cooling system requires no pump. The MK-145 cuts, rips, bevels, miters and cuts diagonals. One-year limited warranty.

Motor	Electric
Power	1/2 HP, 120V
RPM	5,500
Blade Capacity	4-1/2" (114 mm)
Depth of Cut	1" (25 mm)
L x W x H (inches)	18" x 16" x 7"
L x W x H (mm)	457 x 406 x 178
Weight	12 lbs. (5.4 kg)
Includes	<ul style="list-style-type: none"> • 4-1/2" Wet Cutting Diamond Blade • Rip Guide • 45° Rip Guide • Table Stop
Part#	158252

(Available with 220V/50Hz motor)



45° rip guide
for diagonal cuts



Detachable table stop prevents saw from moving away from operator when pushing material into blade



Built-in 45° table for
precision miter cuts



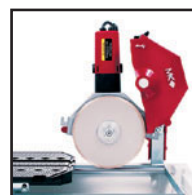
MK-370 1-1/4 HP, 7" Wet Cutting Tile Saw

The MK-370 Tile Saw incorporates features usually found on a professional series tile saw. Perfect for the "do-it-yourself" or for those quick jobs when portability is a must. One-year limited warranty.

Motor	Electric
Power	1-1/4 HP, 120V
Blade Capacity	7" (178 mm)
Depth of Cut	2" (51 mm)
Length of Cut	14" (356 mm)
Diagonally Cut	8" (203 mm) Tile
L x W x H (inches)	26" x 16.5" x 18.5"
L x W x H (mm)	660 x 423 x 483
Weight	23 lbs. (10.4 kg)
Includes	<ul style="list-style-type: none"> • 7" Wet Cutting Diamond Blade • Water Pump • Rip Guide
Part#	156440
Optional	Stand
Part#	155953



MK-Safeswitch™ prevents saw from being operated when locking key is removed



Hinged blade guard for easy blade changes and maintenance inspection



Chrome guide-bar and linear bearing assembly ensures accurate tracking and alignment



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" (178mm)
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) Tile
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
Part#	160131-MK

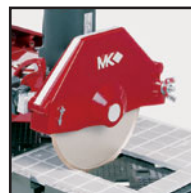
(Available with 220V/50Hz motor)



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-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 be taken to any jobsite. One-year limited warranty.

Motor Electric

Power 3/4 HP, 120V

Blade Capacity 7" (178mm)

Depth of Cut 2" (51 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 48 lbs. (27.1 kg)

Includes

- 7" Wet Cutting Diamond Blade
- Water Pump
- Rip Guide

Part# 153330

Optional Stand

Part# 151889

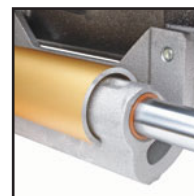
(Available with 220V/50Hz motor)



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



MK-770EXP™ 1-1/4 HP, 7" Wet Cutting Tile Saw

The MK-770EXP Tile Saw uses a powerful 1-1/4 HP motor which delivers high torque and consistent RPM during all cutting operations. The MK-770EXP is built with a unitized steel frame. It features a pivoting cutting head for precision 45° miter cuts. One-year limited warranty.

Motor	Electric	
Power	1-1/4 HP, 120V	
Blade Capacity	7" (178 mm)	
Depth of Cut	2" (51 mm)	
Depth of Cut at 45°	1-1/8" (32 mm)	
Length of Cut	20" (508 mm)	
Diagonally Cut	14" (356 mm) Tile	
L x W x H (inches)	37" x 22" x 23"	
L x W x H (mm)	940 x 559 x 584	
Weight	57 lbs. (26 kg)	
Includes	<ul style="list-style-type: none">• 7" Wet Cutting Diamond Blade• Water Pump• Rip Guide	
Part#	160267	

Optional	Stand	Stand w/ Casters
Part#	151889	160197

(Available with 220V/50Hz motor)



Hinged blade guard for easy blade changes and maintenance inspection



Built-in fully adjustable miter system easily orients the cutting head assembly from 0° to 45° in seconds



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



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

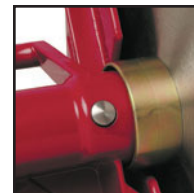
The MK-101 saw features a powerful, high torque motor for improved performance to tackle all cutting jobs. The one-piece unitized steel frame is built for increased durability. The covered linear guide bar system provides precise cutting on the entire length of the cut. The blade guard has been engineered 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)	
Depth of Cut	3" (76 mm)	
Length of Cut	20" (508 mm)	
Diagonally Cut	14" (356 mm) Tile	
L x W x H (inches)	36" x 22" x 23"	
L x W x H (mm)	914 x 559 x 584	
Weight	92 lbs. (42 kg)	
Includes	<ul style="list-style-type: none"> • 10" Wet Cutting Diamond Blade • Water Pump • Rip Guide • 45° Miter 	
Part#	151991	
Optional	Stand	Stand w/ Casters
Part#	151889	160197

(Motor available in other electrical configurations)



Two 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



MK-101 Pro Series 2 HP, 10" Wet Cutting Tile Saw

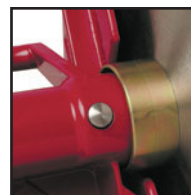
The MK-101 Pro Series has all the features of the MK-101; what makes the Pro Series unique is the heavy-duty 2 HP motor, extended table and an extended length of cut to 24". The permanently lubricated blade shaft bearings provide years of maintenance-free operation. The blade guard has been engineered to provide optimal water flow and is wide enough to accommodate a profile wheel. One-year limited warranty.

Motor	Electric	
Power	2 HP, 120V	
Blade Capacity	10" (254 mm)	
Depth of Cut	3" (76 mm)	
Includes	<ul style="list-style-type: none"> • 10" MK-225 Hot Dog Blade • Water Pump • Side Extension Table • Cutting Kit • Stand w/ Casters 	
Model	MK-101 Pro	MK-101 Pro24
Length of Cut	20" (508 mm)	24" (610 mm)
Diagonally Cut	14" (356 mm) Tile	18" (457 mm) Tile
L x W x H (inches)	36" x 22" x 23"	41" x 22" x 23"
L x W x H (mm)	914 x 559 x 584	1,041 x 559 x 584
Weight	109 lbs. (49 kg)	130 lbs. (59 kg)
Part#	155747	153243

(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



Equipped with cast aluminum table with non-slip molded neoprene surface



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

The TX-3™ features a patent pending misting system that keeps the dust down, allowing for indoor applications. The 55 psi misting pump generates an extra fine water spray through two nozzles to keep the blade cool during cutting. The newly designed Air Flow Module protects the motor from mist during operation. The innovative maintenance free guide bar system eliminates the need for regular lubrication. The tilting head allows 22.5 and 45 degree miter cuts. One-year limited warranty.

Motor	Electric	
Power	1-3/4 HP, 120V	
Blade RPM	3,500	
Blade Capacity	10" (254mm)	
Arbor Size	1" (26 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 • Misting Pump • Rip Guide w/Protractor • Side Table 	
Model	TX-3 Misting System	TX-3 Flood System
Part#	164800	166634
Optional	Stand w/ Casters	
Part#	166445	



At 85 lbs., the TX-3™ is easy to set up and transport.



Patent pending misting system significantly reduces amount of dust during cutting



Large table allows for greater support of material during all cutting operations



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-3 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: 7 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-3 Tile saw to complete other projects involving brick and pavers!

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

Rim Height: 10 mm



Patent No. 7,255,355

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

The MK-101 JCS Saw has all the features of the MK-101 and adds an integrated stand designed to provide easy transportation and setup. Large wheels make the saw easy to move over rough terrain, and two integrated gas shocks help handle the weight of the saw during setup and breakdown. One-year limited warranty.

Motor	Electric
Power	1-1/2 HP, 120V
Blade Capacity	10" (254 mm)
Depth of Cut	3" (76 mm)
Length of Cut	20" (508 mm)
Diagonally Cut	14" (356 mm) Tile
L x W x H (inches)	44" x 24" x 29"
L x W x H (mm)	1,118 x 610 x 737
Weight	130 lbs. (59 kg)
Includes	<ul style="list-style-type: none"> • 10" Wet Cutting Tile Blade • Water Pump • Rip Guide • Integrated Rolling Stand • 45° Miter
Part#	151991-JCS
Optional	<p>Cutting Kit</p> <p>The cutting kit includes a 90° protractor, dressing stone, dual 45° flat angle guide, large rip guide, 45° miter and carrying tray</p>
Part#	155954

(Motor available in other electrical configurations)



Wheel latch prevents stand from moving during operation



Integrated stand allows operator to setup or transport in a matter of seconds



Designed for easy transport, loading and storage by one person



MK-1590 1-3/4 HP, 12" Stone Rail Saw

The MK-1590 Stone Rail Saw has been designed and built to exacting standards. The extruded aluminum rail system provides straight and accurate cutting. The vibration-free rail system is fitted with anti-wear nylon slides to prevent damage to the workpiece during all cutting operations. The unique hold-down system also permits slab cuts both vertically and horizontally, and maintenance-free steel rollers provide effortless tracking. The MK-1590 has an adjustable depth of cut and plunge cutting capability. Miter cutting ability is built-in with a cutting head that tilts from 0° to 45°. One-year limited warranty.

Motor	Electric	
Power	1-3/4 HP, 120V	
Amps	15	
Blade Capacity	12" (305 mm)	
Depth of Cut	2-7/8" (73 mm)	
Depth of Cut at 45°	2-1/4" (57 mm)	
Length of Cut	130" (3,202 mm)	
L x W x H (inches)	144" x 16" x 13"	
L x W x H (mm)	3,658 x 406 x 330	
Weight	95 lbs. (43 kg)	
Includes	<ul style="list-style-type: none"> • 12" Stone Diamond Blade • 2 Sets 72" Rails • Rail Connector Plate • GFCI • Cutting Head • 4 Parallel Spreader Brackets • 2 Hold Down Clamps 	
Model	MK-1590	MK-1590V Vacuum Clamp System included
Part#	166105	166398
Optional	Vacuum Clamp System	
Part#	166200	



Heavy-duty hold-down clamps



Aluminum track connector plate



Steel Rollers



Optional: Vacuum clamp system secures the rail system to the work surface without mechanic clamps or fasteners

Note: For granite and marble blades, see pages 31-33.



MKDX 2 HP, Bullnose and Profiler

The MKDX Bullnose and Profiler machine has been designed to provide fabrication capability on any jobsite. Equipped with a powerful 2 HP motor, the MKDX can rough shape and polish, bevel and bullnose finishes on tile, marble and granite. With a heavy-duty reinforced steel frame, the MKDX has been built for accuracy and high productivity. Stainless steel slides ensure long life and are corrosion resistant. Micro-profile adjustments are simple and easy to make. One-year limited warranty.

Motor Electric

Power 2 HP, 120V

Arbor RPM 2,125

Arbor 5/8"

Water Tank Capacity 3 gallons (14 liters)

Maximum Material Size 14" (356 mm)

Maximum Depth of Shaping 15 mm

Maximum Depth of Radius 15 mm

L x W x H (inches) 36" x 29" x 42"
L x W x H (mm) 914 x 736 x 1067

Weight 182 lbs. (83 kg)

Includes

- Stand
- Material Slide
- Foot Switch

Part# 165168

Optional 24" Material Slide

Part# 166409



Foot switch is provided for operator convenience and safety



Unique clamping system allows a variety of tile sizes and thicknesses to be shaped



Built-in water tank for cooling, features water filter system to stop debris from entering water pump system

(Available with 220V/50Hz motor)
Profile wheels not included.

MKDX PROFILE WHEELS MK Diamond Profile Wheels are designed to achieve a quality finish on all profile and bevel shapes. The unique design of the profile wheel allows for even removal rates with minimal effort. Shaping and polishing is a process that takes time and requires that each grit size be used properly to achieve a quality finish.



MKDX Segmented (Course)

Grit	Description	Part#
30/40	10 mm Radius Bullnose B-Profile	165759
30/40	15 mm Radius Bullnose B-Profile	165760
30/40	10 mm 45° Bevel E-Profile	165762
30/40	15 mm 45° Bevel E-Profile	165763
30/40	90° Square Profile	166021



MKDX Sintered (Medium)

60/80	10 mm Radius Bullnose B-Profile	165764
60/80	15 mm Radius Bullnose B-Profile	165765
60/80	10 mm 45° Bevel E-Profile	165767
60/80	15 mm 45° Bevel E-Profile	165768



MKDX Plated (Fine)

140/170	10 mm Radius Bullnose B-Profile	166077
140/170	15 mm Radius Bullnose B-Profile	166078
140/170	10 mm 45° Bevel E-Profile	166079
140/170	15 mm 45° Bevel E-Profile	166080



MKDX Resin Bond (Polish)

400	10 mm Radius Bullnose B-Profile	165769
800	10 mm Radius Bullnose B-Profile	166082
1500	10 mm Radius Bullnose B-Profile	166083
1800	10 mm Radius Bullnose B-Profile	166084
3500	10 mm Radius Bullnose B-Profile	166085
Buff	10 mm Radius Bullnose B-Profile	166081
400	15 mm Radius Bullnose B-Profile	165770
800	15 mm Radius Bullnose B-Profile	166087
1500	15 mm Radius Bullnose B-Profile	166088
1800	15 mm Radius Bullnose B-Profile	166089
3500	15 mm Radius Bullnose B-Profile	166090
Buff	15 mm Radius Bullnose B-Profile	166086



Note: For specific profile shapes, refer to page 44. MKDX wheels can be ordered to fit the Raimondi Bull Dog* machine.

*Raimondi Bull Dog is a registered trademark and is not affiliated with MK Diamond Products.



MK-212-6

MK-212 Series Tile & Stone Saw

The MK-212 Professional Tile and Stone Saw is 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 pivoting blade guard for easy blade changes. One-year limited warranty.

Motor	Electric	
Power	2 HP, 120V	
Model	MK-212-4	MK-212-6
Blade Capacity	10" (254 mm)	12" (305 mm)
Depth of Cut	2" (51 mm)	3" (76 mm)
Length of Cut	36" (914 mm)	72" (1,829 mm)
Diagonally Cut	24" (610 mm)	42" (1,067 mm)
Depth of Cut at 45°	1-1/2" (38 mm)	2-1/2" (57 mm)
L x W x H (inches)	58" x 21" x 52"	82" x 21" x 52"
L x W x H (mm)	1,473 x 533 x 1,321	2,083 x 533 x 1,321
Weight	226 lbs. (103 kg)	270 lbs. (122 kg)
Includes	<ul style="list-style-type: none"> • 10" MK-415 Diamond Blade • Water Pump • Rip Guide • 12" Adjustable Cutting Guide 	<ul style="list-style-type: none"> • 12" MK-415 Diamond Blade • Water Pump • Rip Guide • 12" Adjustable Cutting Guide
Part#	159414	167882
Optional	Side Table	Transport Wheels
Part#	165884	160172

(Available with 220V/50Hz motor)

Recommended Blades

	10" & 12" MK-62M Premium Blades for Marble (Please see page 33 for more information)		10" & 12" MK-415 Supreme Super Hi-Rim Blades (Please see page 28 for more information)
	10" & 12" MK-62G Premium Blades for Granite (Please see page 33 for more information)		



Tilting head allows easy and precise 45° miter cuts



Optional transport wheels for easy transportation



90° cutting guide for accurate material placement

90° Protractor**Part#**

134569-MK

Dressing Stone

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

Part#

152792

Dual Flat 45° Angle Guide**Part#**

134577-MK

45° Miter**Part#**

153201-MK

Front Extension Table

MK-100 & MK-101

Part#

158215

Side Extension Table

MK-100 & 101

Part#

162075

Cutting Kit

The cutting kit includes a 90° protractor, dressing stone, dual 45° flat angle guide, large rip guide, 45° miter and carrying tray

Part#

155954

Ground Fault Circuit Interrupter

15 Amp/120V

Part#

152610

Side Extension Table

MK-370EXP & 770EXP

Part#

160488

Electric Water Pump

Saw Model:
Tile & Brick Saws
(except 370)
120V / 60Hz

Saw Model:
MK-370EXP
120V

Part#

151271-MK

Part#

155987-MK

Large Rip Guide**Part#**

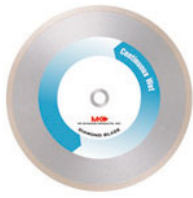
159751

Drain Plug (2 Pack)**Part#**

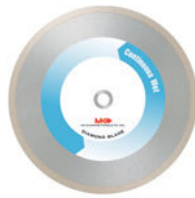
133025-MK

BLADE SELECTION MK Diamond Tile and Stone Blades can cut any type of ceramic tile and stone with minimal chippage. These diamond blades have been manufactured to retain their cutting edge and consistently deliver high performance at low cost.

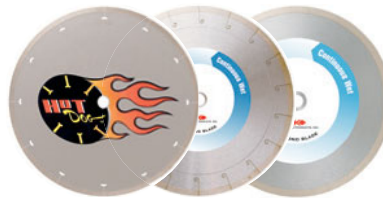
TILE & MARBLE (WET)
MK-200 MK-215



MARBLE (WET)
MK-315



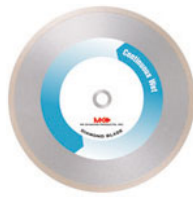
PORCELAIN & VITREOUS TILE (WET)
MK-225 MK-333JB MK-415



GRANITE & VITREOUS TILE (DRY)
MK-250GXC



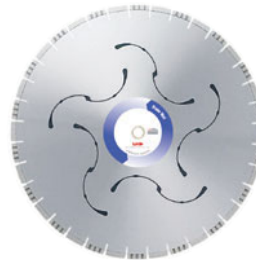
GLASS TILE (WET)
MK-215GL



MARBLE & GRANITE (WET)
MK-62M MK-62G



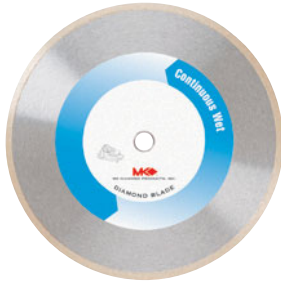
GRANITE (WET) & HARD MATERIAL (DRY)
MK-62GSPV MK-925DSLX



Blade	200	215	215GL	315	225	333JB	415
Rim Height	7 mm	7 mm	7 mm	10 mm	7 mm	7 mm	10 mm
MATERIAL	Ceramic Tile	Good	Better	n/r	Best	Best	Best+
	Vitreous Tile	Good	Better	n/r	Better	Best	Best+
	Porcelain Tile	n/r	n/r	n/r	Best	Best	Best+
	Glass Tile	n/r	n/r	Best++	n/r	n/r	n/r
	Slate	Good	Better	n/r	Best	Better	Best+
	Limestone	Good	Better	n/r	Best	Better	Best+
	Granite	n/r	Good	n/r	Better	Good	Best+
	Marble	Good	Better	n/r	Better	Good	Best+
	Blue Stone	Good	Better	n/r	Better	Good	Best+
Hard Quartz	Good	Better	n/r	Better	Better	Better	Better

Blade	250GXC (DRY)	404CR (DRY)	62M	62G	62GSPV	925DSLX (DRY)
Rim Height	5 mm	7mm	8 mm	8 mm	10 mm	10 mm
MATERIAL	Ceramic Tile	Best	Best	n/r	n/r	n/r
	Vitreous Tile	Best	Best	n/r	n/r	n/r
	Porcelain Tile	Best	Best	n/r	n/r	n/r
	Slate	Best	Better	Better	Best	n/r
	Limestone	n/r	n/r	n/r	Best	Best+
	Granite	Best	Better	n/r	Best	Best+
	Marble	Best	Better	Best	n/r	n/r
	Blue Stone	Best	Better	n/r	Better	Best+
	Hard Quartz	Best	Best	n/r	Better	n/r

n/r = Not Recommended



MK-200 Premium Blades

Premium 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 Supreme Blades

Supreme 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



MARBLE (WET)



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.

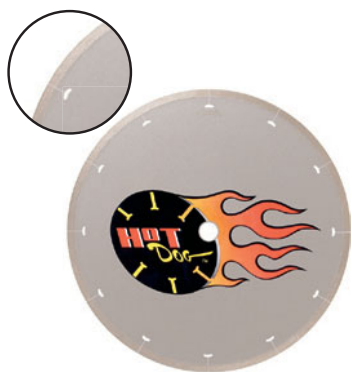
Diameter	Width	Arbor	Part#
6" (152 mm)	.060	5/8"	153250
7" (178 mm)	.060	5/8"	153293
8" (203 mm)	.060	5/8"	153251
10" (254 mm)	.080	5/8"	153252
12" (305 mm)	.080	1"	153509
14" (356 mm)	.090	1"	153548

Rim Height: 10 mm

Fits all tile saws (Felker, Target, QEP, DeWalt, Husky & Sawmaster).

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





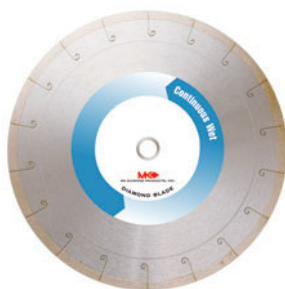
MK-225 Hot Dog Premium Thin-Rim Blades

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"	158571
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.

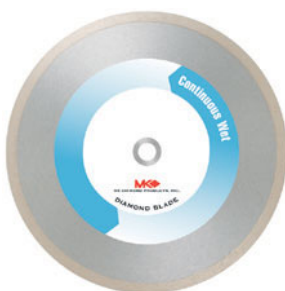


MK-333JB Slot Supreme Blades

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

Rim Height: 7 mm



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. The high rim provides longer life than standard tile blades of similar quality. Ideal for cutting porcelain.

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

Rim Height: 10 mm

Fits all tile saws (Felker, Target, QEP, DeWalt, Husky & Sawmaster).

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



MK Diamond blades for glass have been designed with an advanced bond technology for fast cutting of all types of glass and quartz. Two bonds are available: metal bond (MK-215GL) for general purpose cutting and resin bond (MK-RD100) for precision cutting of glass tube and rod.



MK-RD100 Supreme Resin Bond Blades

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

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: 6.8 mm



MK-215GL Supreme 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)	.060	5/8"	156651
8" (203 mm)	.060	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



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#
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 Sintered Profile Wheels for Granite

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





Cost Effective Laser
Cut Core shown

MK-62GSPV Professional Granite Silent Core Blades

The MK-62GSPV is available in both sandwich and laser cut core styles thus providing sound reduction. The alternate segment design combines smooth and turbo sections producing clean, fast cuts through hard stone.

Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	154591
20" (508 mm)	.142	1"	155902
24" (610 mm)	.187	1"	160326

Sandwich core available as special order only.
Segment Height: 12 mm



HARD MATERIAL (WET)



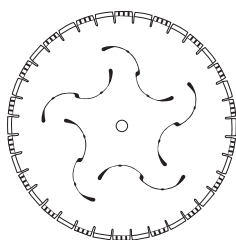
Slant Turbo Design

MK-925DSLX Supreme Hard Material Silent Core Blades

Slant turbo design with medium bond for less abrasive material.

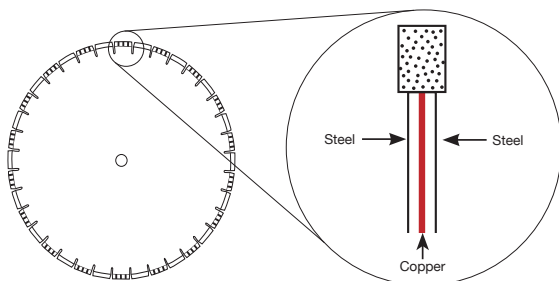
Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	161283
20" (508 mm)	.145	1"	160971
24" (610 mm)	.142	1"	168050

Segment Height: 10 mm



Laser Cut Core Design

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

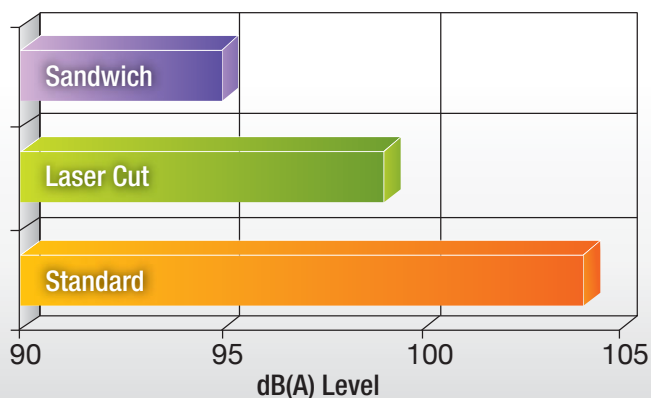


Sandwich Laminated Silent Core Design

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.

MARBLE & GRANITE (WET)

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



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: 10 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: 10 mm



MARBLE & GRANITE (DRY)



MKS-935D Supreme Turbo Blades for Stone

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
5" (127 mm)	.087	7/8"-5/8"	167918
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"-20 mm	167924
14" (356 mm)	.125	1"-20 mm	167925

Segment Height: 10 mm



TILE

STONE

LAPIDARY

MASONRY

CONCRETE

FLOOR PREP

MIXERS

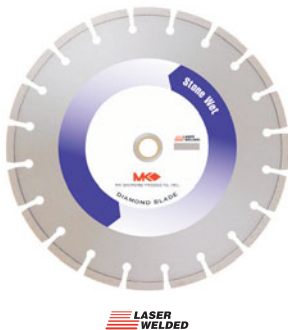
CORING

TROUBLESHOOTING

POLICY

MARBLE & GRANITE (WET)

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

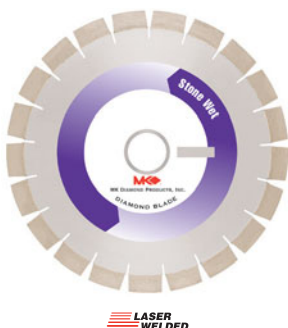
MK-62G Premium Blades for Granite

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



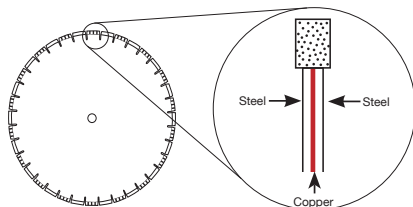
PROFESSIONAL (WET)



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: 20 mm



Sandwich Laminated Silent Core Design
Sandwich laminated steel cores with copper center provide the greatest sound reduction.

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

Segment Height: 20 mm



GRANITE & PORCELAIN TILE (DRY)

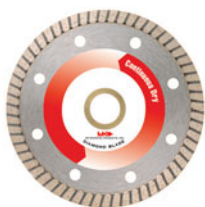
These are the perfect blades to finish an installation involving granite or porcelain tile. The MK-250 series 4" blade is designed for use on hand grinders and small circular saws and can be operated wet or dry. The GXC uses a "J" slot design leaving a smooth finish. The GXT offers the fast cutting features of a turbo rim design.



MK-250GXC Premium Continuous Rim Blade

Diameter	Width	Arbor	Part#
4" (102 mm)	.060	7/8"-5/8"	164111

Rim Height: 5 mm



MK-250GXT Premium Turbo Rim Blade

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

Rim Height: 7 mm



HARD & VITREOUS CERAMIC TILE (DRY)



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"-5/8"	154971
5" (127 mm)	.060	20 mm-5/8"	140285
6" (152 mm)	.060	DM-5/8"	140293
7" (178 mm)	.060	DM-5/8"	140301
8" (203 mm)	.060	DM-5/8"	140319

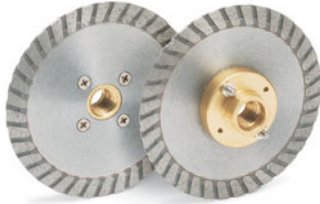
Rim Height: 7 mm





.625"

MK-304FC Profile view



MK-304FC Standard Flush Cutting Blades

The MK-304FC flush cut blade provides a depressed center to allow for cutting flush to vertical/horizontal surfaces. These blades are laser welded for dry cutting.

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	7/8"-5/8"	158821
5" (127 mm)	.080	7/8"-5/8"	158822
7" (178 mm)	.080	7/8"-5/8"	158823

Segment Height: 7 mm



MK-925FC Flush Cutting Blades

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	20 mm w/4 holes	159200
5" (127 mm)	.080	20 mm w/4 holes	159475
7" (178 mm)	.090	20 mm w/4 holes	159201

Rim Height: 10 mm



MK-925FC Adapter

Nut	Part#
5/8"-11	159232

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)	.091	7/8"-5/8"	159437
4-1/2" (114 mm)	.091	7/8"-5/8"	159438
5" (127 mm)	.091	7/8"-5/8"	159439
7" (178 mm)	.094	DM-5/8"	159440
9" (229 mm)	.094	7/8"-5/8"	159444

Segment Height: 7 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-1503-SS Stone Polishing Hand Tool

The MK-1503-SS Wet Polisher is ideal for handheld grinding and polishing of gemstones, rock materials, marble and granite. This polisher/grinder easily attaches to a standard hose to enable a steady flow of water through a control valve to the workpiece. One-year limited warranty.

Engine/Motor MK Diamond (Electric)

Power 800 Watt, 120V

RPM 3500

Amps 7.9

Shaft 5/8"-11

Max Pad Diameter 5" (127 mm)

Weight 6 lbs. (2.7 kg)

Includes

- GFCI Switch
- Water Hose
- Spanner Wrenches
- Plastic Carrying Case

Kit also includes:

- 4" Resin Bond Polishing Disc Set
- 4" Rubber Backer Pad

Model MK-1503-SS

Part# 167556

MK-1503-SS Kit

157493-MK

(Available in 220V)



MK-1503-SS Kit

This polisher operates on standard house current and is designed with an ergonomic sure-grip handle.



MK-1503 Air Stone Polishing Hand Tool

Lightweight and compact, the MK-1503 Air Polisher is one of the most durable tools of its kind for polishing stone. The water-tight sealed bearings provide long life and smooth rotational speeds. This tool's versatility allows for 3, 4 and 5 inch discs to be used. The air vent is at rear of tool so that exhaust is carried away from operators' hands by the hose protector. One-year limited warranty.

Air Consumption 16 cfm / 0.45 cmm @ 90 psi

Speed Variable up to 5500 RPM

Shaft 5/8"-11

Length 10-1/4" (260 mm)

Max Pad Diameter 5" (127 mm)

Air Compressor 5 HP

Weight 2.7 lbs. (1.2 kg)

Includes

- 25' Water Hose
- 5' Air Hose
- 3' Air / Water Hose Protector
- Side Handle

Kit also includes:

- 4" Resin Polishing Disc Set
- Hard Rubber Back Plate Disc
- Carrying Case

Model MK-1503 Air

Part# 158686

MK-1503 Air Kit

158686-MK



Shown w/ optional backer and pad



Rear air vent exhaust



Rubber Backer Plates

The MK Diamond Rubber Backer Plates provide an extremely 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



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



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



Snail Lock Backer Plates

Velcro® backed disc for attaching polishing pads to Snail Lock Adapter*.

Pad Size	Part#
4" (76 mm)	159236
5" (127 mm)	159237

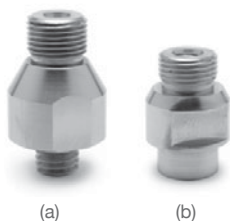
*Snail Lock Adapter listed on page 40.



MK-404PW Premium Grinding Cup Wheels

Premium cup wheels for granite and marble

Diameter	Type	Nut	Part#
4" (102 mm)	Course	5/8"-11	159313
4" (102 mm)	Medium	5/8"-11	159306
4" (102 mm)	Fine	5/8"-11	159314
5" (127 mm)	Course	5/8"-11	159307
6" (152 mm)	Course	5/8"-11	159315
7" (178 mm)	Course	5/8"-11	159310



MK 1/2 Gas Adapters

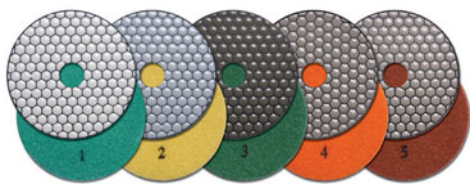
Description	Part#
(a) 5/8"-11 Male	158916
(b) 10 mm Female	159397

Today's popular large stone and ceramic tiles are no problem for the power, precision and capacity of MK Diamond's 212 stone saw.



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	Color	Part#
4" (102 mm)	1	Light Green	166941
4" (102 mm)	2	Yellow	166942
4" (102 mm)	3	Dark Green	166943
4" (102 mm)	4	Orange	166944
4" (102 mm)	5	Brown	166945
Polishing Pad Set (Includes one of each)			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	Color	Part#
4" (102 mm)	1	White	166949
4" (102 mm)	2	Blue	166950
4" (102 mm)	3	Light Green	166951
4" (102 mm)	4	Dark Green	166952
4" (102 mm)	5	Red	166953
Polishing Pad Set (Includes one of each)			168028



TILE

STONE

LAPIDARY

MASONRY

CONCRETE

FLOOR PREP

MIXERS

CORING

TROUBLESHOOTING

POLICY

SNAIL LOCK ADAPTER



Snail Lock Adapter

Snail Lock Adapter has a rubber mounted back for improved isolation/dampening during polishing operations.

Pad Size	Thread	Part#
4" (102 mm)	5/8"-11	158432
5" (127 mm)	5/8"-11	158433

GRINDING DISCS (DRY)

Dry Grinding Discs



PVQ Dry Grinding Discs



PVA 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. PVQ discs have a quick lock backer, Snail Lock attachment (not included) required. PVA set includes 2 discs of each grit. PVQ set includes 1 disc of each grit.

Grit	Description	PVQ	PVA
40	Extra Coarse	158835	157487
80	Coarse	158836	157488
220	Medium	158837	157489
400	Fine	158838	157490
600	Extra Fine	158839	157491
Set		158840	157492

PVQ: Maximum speed: 4,000 RPM. Sold in boxes of 5. Snail Lock attachment required.

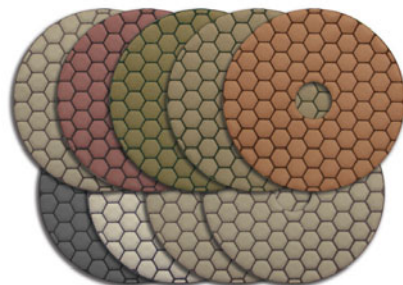
PVA: Maximum speed: 12,000 RPM. Sold in boxes of 10. Fits on 4" Makita™ angle grinders.



POLISHING DISCS (DRY)

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.



Grit	Color	Part#
50	Yellow-Green	159060
100	Red	159061
200	Yellow	159062
400	Light Blue	159063
800	Green	159064
1500	Orange	159065
3000	Light Pink	159066
Buff (8,500)	Black	159067
Buff (8,500)	White	165638
Set	8 Discs & Backer Plate	159068



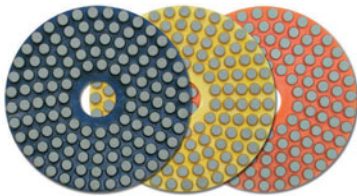


4" Snail Lock Polishing Discs

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

Grit	Color	Part#
50	Green	157616
100	Black	157617
200	Red	157618
500	Yellow	157619
800	White	157621
2000	Blue	157622
3000	Grey	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	Color	Part#
60	Blue	158898
150	Yellow	158899
300	Orange	158900

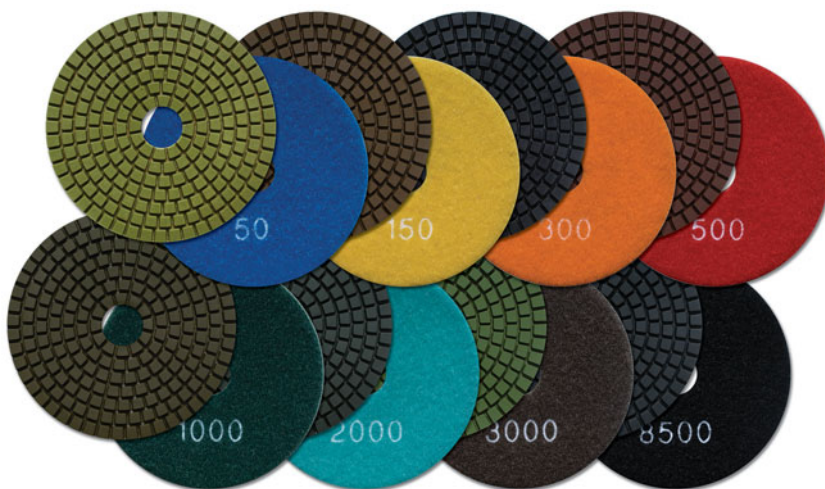


4" Convex Polishing Discs

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.

Grit	Color	Part#
60	Blue	159033
150	Yellow	159034
300	Orange	159035
500	Red	159036
1000	Dark Green	159037
2000	Light Green	159038
3000	Brown	159039
Buff	Black	159040
Set	8 Discs & Backer Plate	159041





Resin Bond Polishing Discs

Flexible, Velcro® backed polishing discs have been designed to achieve a scratch-free, highly polished finish on all straight or contoured granite and marble edges. The Velcro® backing allows for fast disc changes, and each disc is color coded for easy grit size identification. Kit includes 50, 150, 300, 500, 1000, 2000 and 3000 grit discs, black buff disc and flexible rubber backer plate. Max 3,700 RPM.

Description / Grit	Color	Premium 3" / Part#	Premium 4" / Part#	Professional 4" / Part#	Premium 5" / Part#
50	Blue	157108	155796	158901	155876
150	Yellow	157109	155797	158902	155877
300	Orange	157110	155798	158903	155955
500	Red	157111	155799	158904	155956
1000	Dark Green	157112	155800	158905	155957
2000	Light Green	157113	155801	158906	155958
3000	Brown	157114	155818	158907	155959
Buff (8500)	Black	157115	157239	158908	155960
Buff (8500)	White*	166421	157250	158909	166422
Polishing Kit (Discs & backer plate)		157116	153564	158910	157130

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



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	Color	Part#
60	Green	159050
120	Black	159051
200	Red	159052
400	Yellow	159053
800	White	159055
1500	Gray	159056
3500	Blue	159057

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





MK-400BDB Brazed Diamond Profile Bits

For profiling granite, marble and limestone.

Diameter	Profile/Radius	Nut	Part#
3-1/2" (89 mm)	A - 3/8"	5/8"-11	400038
3-1/2" (89 mm)	B - 1/2"	5/8"-11	400012
4" (102 mm)	C - 3/4"	5/8"-11	400034
4" (102 mm)	E - Bevel	5/8"-11	400040



MK-480SDR Segmented Diamond Router Bits

For profiling granite, marble and limestone.

Shapes	Profile/Size	Nut	Part#
Half Bullnose	B-10mm	5/8"-11	480010
Half Bullnose	B-15mm	5/8"-11	480015
Half Bullnose	B-20mm	5/8"-11	480020
Half Bullnose	B-25mm	5/8"-11	480025
Half Bullnose	B-30mm	5/8"-11	480030
Ogee	F-20mm	5/8"-11	480120
Full Bullnose	V-30mm	5/8"-11	480330
Full Bullnose	V-40mm	5/8"-11	480340



Segmented and sintered profile millers can be used on both granite and marble. SHAFT 1/2 GAS.

B-Profile Tool Half Bullnose

Size	Segmented	Sintered
20 mm	154843	155870
30 mm	154844	155871
40 mm	154845	155872



F-Profile Tool Ogee

Size	Segmented	Sintered
20 mm	159366	155864
30 mm	159367	155865
40 mm	159368	155866



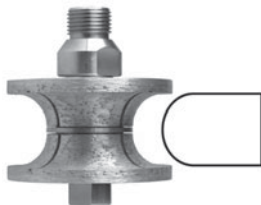
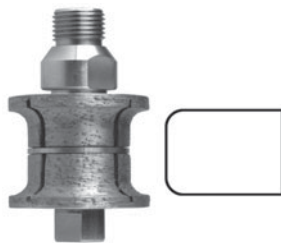
T-Profile Tool

Size	Segmented	Sintered
20 mm	159384	155873
30 mm	159385	155874
40 mm	159386	155875



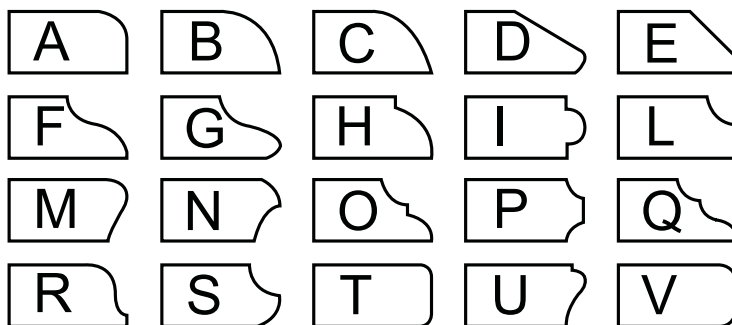
V-Profile Tool Full Bullnose

Size	Segmented	Sintered
20 mm	159390	155867
30 mm	159391	155868
40 mm	159392	155869



Sintered Profile
Tools Shown

AVAILABLE PROFILES



Profiles not listed above are available as special order items.



MK Sintered Vanity Wheels

The MK Sintered Vanity Wheels have been designed for use on a wet-feed, right-angle grinder to grind sink openings in marble and granite. Specifically designed to provide reduced vibration and have a non-rusting body.

Grit	Diameter	Nut	Part #
36	2" (51 mm)	5/8"-11	159238
60	2" (51 mm)	5/8"-11	159239
120	2" (51 mm)	5/8"-11	159240

Length 2" (51 mm)



MK Finger Bits Premium Wet Cutting Finger Bits

MK Diamond finger bits are designed for rough grinding and shaping in granite and marble.

Diameter	Length	Shaft	Part#
1" (25 mm)	1-5/8"	1/2" Gas	159048
1" (25 mm)	2"	1/2" Gas	159049

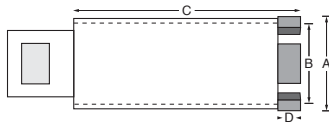


MK Gear Wheels

Diameter	Length	Nut	Part#
2" (51 mm)	1-3/8"	5/8"-11	159042
2" (51 mm)	1-5/8"	5/8"-11	159043



STONE CORE BITS (WET)



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

MK-290GW Premium Granite Core Bits

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

Thread 5/8"-11



Water Swivel

Spindle Thread	Shank	Part#
5/8"-11	1/2"	157643



MK-290 Premium Tile/Marble Core Bits

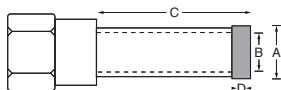
Designed to cut clean, smooth holes through all ceramic tile and marble. Can be used wet or dry. 10 mm shank.

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 drills part# 151375-149



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

Thread 3/4"-16



Water Swivel

Spindle Thread	Shank	Part#
3/4"-16	1/2"	156515



DIAMOND CORE BITS (WET)

MK-190 Premium Wet Diamond Core Bits with Cyclone Technology™



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. The reverse spiral thread delivers continuous water feed to the cutting surface areas, this extends bit life and improves drilling speed. Drilling is more efficient with the patent pending ejector slot since there is no need to stop the drilling process to clear plugs. 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. Patent pending ejector slot clears the plug during repeated drilling operations.

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

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



MK-301 Gemking™

MK-301 Gemking lapidary blades have been redesigned with a greater diamond concentration and a higher carbon content steel core for improved tension memory. The solid diamond sintered kerf provides better cutting performance and improved coolant flow.

Diameter	Width	Arbor	Part#
6" (152 mm)	.025	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
16" (406 mm)	.085	1"	166071
18" (457 mm)	.085	1"	166072
20" (508 mm)	.085	1"	166073

Rim Height: 5 mm

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

BD-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-1000 Saber®

Ultra-thin and made of stainless steel, the Saber Blade conserves gem materials and holds waste to a minimum, making it an ideal choice for precious materials such as sapphire, jade, ruby and opal. The Saber Blade cuts at twice the speed of ordinary lapidary blades, while the ultra-thin rim allows for minimal chipping and leaves a remarkably smooth surface requiring less polishing.

Diameter	Width	Arbor	Part#
4" (102 mm)	.012	1/2"	156866
4" (102 mm)	.012	5/8"	156867
5" (127 mm)	.012	1/2"	156868
5" (127 mm)	.012	5/8"	156869
6" (152 mm)	.012	1/2"	156872
6" (152 mm)	.012	5/8"	156873
6" (152 mm)	.025	1/2"	156874
6" (152 mm)	.025	5/8"	156875
8" (203 mm)	.012	5/8"	156876
8" (203 mm)	.025	5/8"	156877
10" (254 mm)	.032	5/8"	156879

Rim Height: 3.5 mm

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





The MK-303 is for cutting gemstone and lapidary materials, such as agate, quartz, jasper, and jade.

MK-303 Professional Blades

The MK-303 Professional grade continuous rim 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.

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)	.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" (356 mm)	.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: 7 mm

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.





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.



BX-4 is covered by the following
United States patents:
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)

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

- 14" Dry Cutting Diamond Blade
- Water Tank (Misting system only)
- Rip Guide

Model BX-4™ (misting)

Part# 165486

BX-4™ (non-misting)

162761

Optional Stand

Part# 162771



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



BX-10 Premium Hard Brick Blade

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

Segment Height: 8 mm



BX-30 Premium Brick/Block Blade

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

Segment Height: 8 mm



BX-40 Premium General Purpose Blade

Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	167869

Segment Height: 10 mm





MK-1080 Wet 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 Baldor (Electric)

Power 1-1/2 HP, 120V

Blade Capacity 10" (254 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

- 10" Dry Cutting Turbo Diamond Blade
- Water Pump
- Rip Guide

Part# 153203

Optional Stand

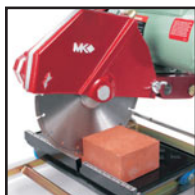
Stand w/ Casters

Part# 151889

160197

(Available with 220V/50Hz motor)

Professionally engineered with a heavy-duty blade shaft assembly with dual sealed bearings.



Heavy-duty blade shaft assembly with dual-sealed bearings



Recoil spring counterbalanced cutting head



Cutting table travels on steel roller wheels to provide precise cutting



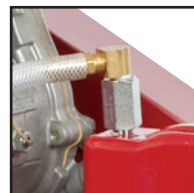
MK-1280 Wet Cutting Brick Saw

The MK-1280 is designed for landscaping, paving and masonry job sites. It's simple to operate and requires limited maintenance. This saw is designed for cutting large format bricks and pavers. The steel frame provides durability and strength. The closed back design with vacuum port helps in dust control. One-year limited warranty.

Motor/Engine	Honda (Gas)	Baldor (Electric)
Power	GX240*	2HP 120V/230V
Blade Capacity	16" (406 mm)	16" (406 mm)
Depth of Cut	6" (152 mm)	6" (152 mm)
Length of Cut	28" (711 mm)	28" (711 mm)
L x W x H (inches)	48.5" x 20.5" x 32.75"	48.5" x 20.5" x 28"
L x W x H (mm)	1,232 x 521 x 832	1,232 x 521 x 711
Weight	200 lbs. (91 kg)	185 lbs. (84 kg)
Includes	16" Diamond Blade	16" Diamond Blade
Part#	166561	167492

Optional	Cart
Part#	167437

*Engine Power Information listed on page 135.



Hose attachment for wet cutting



Vacuum port helps in dust control



Wear resistant steel roller wheels provide the table with good load carrying capacity

Suggested Blade

	MK-414PBSL Premium Penter Segment Turbo Blade			
	Diameter	Width	Arbor	Part#
	16" (406 mm)	.125	1"	160765



Optional cart for easy transportation



MK-2001SV



MK-2000 Electric Series 14" 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.

Blade Capacity	14" (350 mm)	
Depth of Cut	5" (127 mm)	
Length of Cut	16" (406 mm)	
Model	MK-2001SV	MK-2002
Engine/Motor	Baldor (Electric)	Baldor (Electric)
Power	1-1/2 HP, 120V	2 HP, 120V/230V*
L x W x H (inches)	32" x 23" x 29"	34" x 25" x 32"
L x W x H (mm)	813 x 584 x 737	864 x 635 x 813
Weight	157 lbs. (71.2 kg)	170 lbs. (77.1 kg)
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
Part#	161195	150598
Optional	Stand	
Part#	153331	

*Available with 50Hz motor



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



MK-2005H



MK-2007K

MK-2000 Gas Series 14" Wet/Dry Cutting Masonry Saws

The MK-2000 Gas Series of masonry saws have 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)		
Depth of Cut	5" (127 mm)		
Length of Cut	16" (406 mm)		
Model	MK-2005H	MK-2006R	MK-2007K
Engine/Motor	Honda (Gas)	Robin (Gas)	Kohler (Gas)
Power	GX160 Cyclone*	EX170*	CH270*
L x W x H (inches)	41" x 25" x 42"	41" x 25" x 42"	41" x 25" x 42"
L x W x H (mm)	1,041 x 635 x 1,067	1,041 x 635 x 1,067	1,041 x 635 x 1,067
Weight	187 lbs. (84.8 kg)	187 lbs. (84.8 kg)	187 lbs. (84.8 kg)
Includes	• 14" Dry Cutting Diamond Blade • Centrifugal Water Pump • Rip Guide	• 14" Dry Cutting Diamond Blade • Centrifugal Water Pump • Rip Guide	• 14" Dry Cutting Diamond Blade • Centrifugal Water Pump • Rip Guide
Part#	155961	159885	167999
Optional Stand	153331		

*Engine Power Information listed on page 135.



Jack shaft system on gas powered saws utilizes Micro-V belts and precision machined pulleys



Shock-absorbing engine mounts for smooth operation



Self-priming centrifugal water pump (gas only)



MK-5005S

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 Baldor (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, 208-230V 1PH		5 HP, 208-230V 3PH 5 HP, 460V 3PH		7.5 HP, 208-230V 3PH 7.5 HP, 460V 3PH		
Weight	445 lbs. (202 kg)		451 lbs. (205 kg)		485 lbs. (220 kg)		
Blade Guard Options			Blade Guard Options		Blade Guard Options		
Size	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" (254mm)
208-230V Part#	160634-14	160634	160636-14	160636	160641-14	160641	160641-24
460V Part#	—	—	160637-14	160637	160642-14	160642	160642-24

(Motor available in other electrical configurations.)



Heavy-duty
cast aluminum
conveyor cart



Foot pedal for
hands-free cutting
head operation



Open-back
design allow
for materials
up to 20" long
to be cut



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. One-year limited warranty.

Engine	Honda (Gas)		
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	
Power	GX270 Cyclone*	GX390 Cyclone*	
Weight	498 lbs. (225 kg)	513 lbs. (233 kg)	
Blade Guard Options		Blade Guard Options	
Size	20"	24"	20" 24"
Depth of Cut	8" (203 mm)	10" (254 mm)	8" (203 mm) 10" (254 mm)
Part#	158935	158935-24	158936 158936-24

*Engine Power Information listed on page 135.



Gas engine cutoff switch within operator reach from cutting position



Self-priming centrifugal water pump



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



Super-Matic w/
Optional Blade Guard



MK-5000 Series Wet Cutting Industrial Block Saws

The MK-5000 Series of heavy-duty industrial block 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	Baldor (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-5009T			MK-5010 Super-Matic	
Power	9 HP, 208-230V 3PH 9 HP, 460V 3PH			10 Hp, 240V 1Ph / 3Ph 10 Hp, 460V 3Ph	
Weight	503 lbs. (228 kg)			513 lbs. (233 kg)	
Blade Guard Options			Blade Guard		
Size	14"	20"	24"	24"	24"
Depth of Cut	5" (127 mm)	8" (203 mm)	10" (254 mm)	10" (254 mm)	10" (254 mm)
208-230V Part#	160646-14	160646	160646-24	166929 (1Ph)	166930 (3Ph)
460V Part#	160647-14	160647	160647-24	•	166931 (3Ph)

(Motor available in other electrical configurations.)



Heavy-duty 6
wheel conveyor
cart to support
additional weight



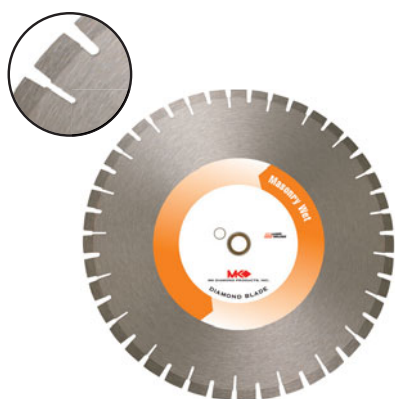
Heavy-duty
bearing
arbor shaft



NEMA 12 water-
proof enclosure
with heavy-duty
starter. Safety
Switch prevents
accidental restart
if electrical current
is disrupted



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. These blades are engineered for general purpose applications of hard brick, refractory brick, concrete and natural stone. Medium bond for less abrasive material.

Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	161283
20" (508 mm)	.145	1"	160971
24" (610 mm)	.142	1"	168050

Segment Height: 10 mm

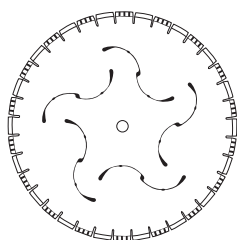


MK-10PSL Supreme Blade

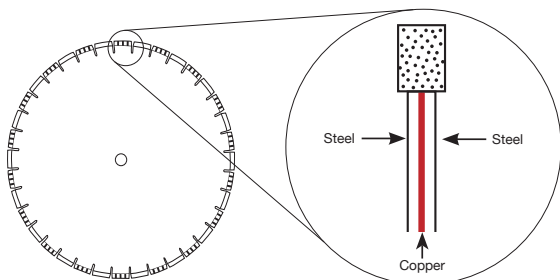
The MK-10PSL was designed to cut through brick with a hardness of 5,000 to 8,000 psi. Sandwich core technology significantly dampens the noise produced during cutting.

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

Segment Height: 12 mm



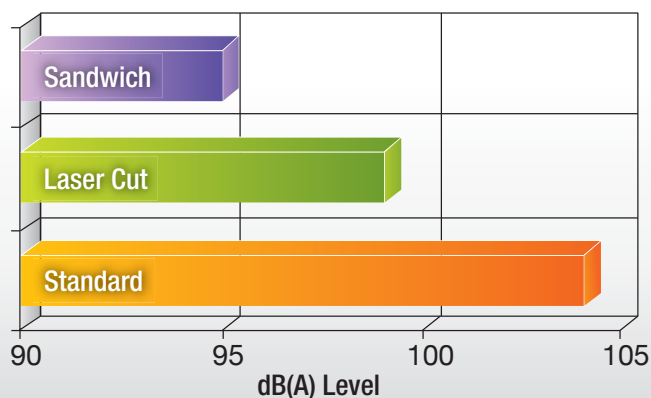
Laser Cut Core Design
Cost effective laser cut core with epoxy filled silencing material, provides limited noise reduction/suppression.



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.

BLADE SELECTION

GENERAL PURPOSE (DRY)
MK-565SKMR



HARD MATERIAL (DRY)
MK-925DSLX



HARD BRICK (DRY)
MK-742D MK-742DSL



GENERAL PURPOSE / HIGH SPEED (DRY)
MK-762DMX MK-404D MK-799D MK-299D



Blade		565SKMR	925DSLX	742D	742DSL
Rim Height		15 mm	10 mm	10 mm	10 mm
MATERIAL	Abrasive Block	n/r	n/r	n/r	n/r
	Brick	Good	Better	Best	Best
	Hard Brick	Good	n/r	Best	Best
	Block	n/r	Good	n/r	n/r
	Concrete	Better	n/r	n/r	n/r
	Pavers	Better	n/r	Best	Best

Blade		762DMX	404D	799D	299D
Rim Height		10 mm	10 mm	10 mm	10 mm
MATERIAL	Abrasive Block	n/r	Good	n/r	n/r
	Brick	Good	Best	Better	Good
	Hard Brick	n/r	n/r	n/r	n/r
	Block	Best+	Better	n/r	Good
	Concrete	Best+	Good	Good	Good
	Pavers	n/r	n/r	n/r	n/r

n/r = Not Recommended

BRICK (WET)

MK Diamond wet-cutting segmented masonry diamond blades have been designed for superior performance and long life in all types of masonry materials from hard brick to soft abrasive block.



MK-10 Supreme Brick Blades

Diameter	Width	Arbor	Part#
10" (254 mm)	.090	5/8"	158865
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.



BLOCK & BRICK (WET)



MK-30 Supreme Block/Brick Blades

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



BLOCK (WET)



MK-50 Supreme Block Blades

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



TILE

STONE

LAPIDARY

MASONRY

CONCRETE

FLOOR PREP

MIXERS

CORING

TROUBLESHOOTING

POLICY

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-440R Supreme Brick Blades

For cutting 80% alumina and basic hard brick.

Diameter	Width	Arbor	Part#
14" (356 mm)	.100	1"	136382
18" (457 mm)	.125	1"	136390
20" (508 mm)	.125	1"	136499

Segment Height: 10 mm

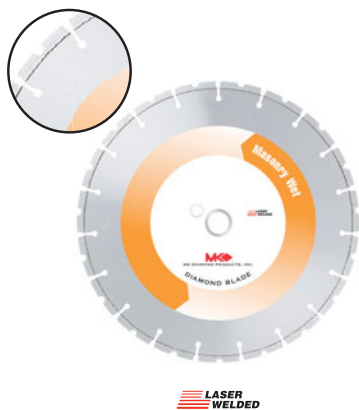


MK-480R Supreme Brick Blades

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

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

Segment Height: 8 mm



GENERAL PURPOSE HIGH SPEED (DRY)



LASER
WELDED
**SPEED
BOOST**

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)	.110	1"	161290
12" (305 mm)	.125	1"	161291
14" (356 mm)	.110	1"	161292
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



HARD BRICK (DRY)



LASER
WELDED
**SPEED
BOOST**

MK-742DSL Supreme Hard Brick/Silent Core Blade

The MK-742DSL 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 only the highest quality synthetic diamonds.

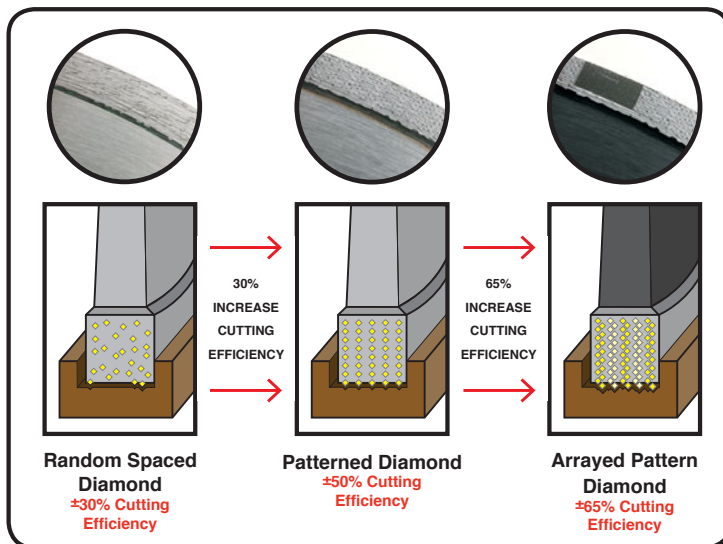
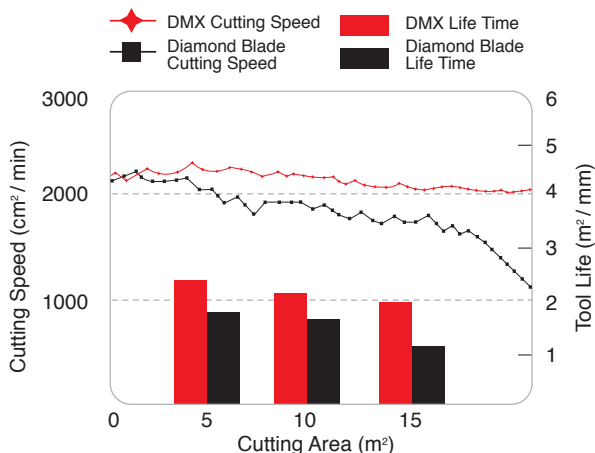
Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	162552

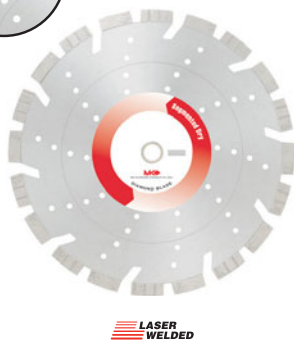
Segment Height: 10 mm



DMX FEATURES

- Higher cutting speeds and efficiency
- Wide range of sawing applications
- Reduced operator fatigue





MK-565SKMR Supreme Blades

The MK-565SKMR blade aggressively cuts a wide range of materials including concrete, masonry, brick and block. Varying size cooling slots 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
4.5" (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	7/8"	168037
12" (305 mm)	.125	20 mm	160989Z
12" (305 mm)	.125	1"	160989
14" (356 mm)	.125	1"	160617
16" (406 mm)	.125	1"	160737
18" (457 mm)	.142	1"	168040
20" (508 mm)	.125	1"	168038

Segment Height: 10-15 mm



TILE

STONE

LAPIDARY

MASONRY

CONCRETE

FLOOR PREP

MIXERS

CORING

TROUBLESHOOTING

POLICY



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	20 mm-5/8"	136713
4-1/2" (114 mm)	.080	7/8"- 5/8"	152439
5" (127 mm)	.080	7/8"- 5/8"	150627
5-1/2" (140 mm)	.080	5/8"	153161
7" (178 mm)	.090	DM-5/8"	136739
7" (178 mm)	.125	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	1"	150403
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)	.250	1"	150247
14" (356 mm)	.375	1"	151448
16" (406 mm)	.125	1"	151847
18" (457 mm)	.142	1"	153385
20" (508 mm)	.142	1"	154218

Segment Height: 10 mm



TILE

STONE

LAPIDARY

MASONRY

CONCRETE

FLOOR PREP

MIXERS

CORING

TROUBLESHOOTING

POLICY

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.



MK-799D Premium Blades

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	20 mm-5/8"	154249
4.5" (114 mm)	.060	7/8"-5/8"	157467
7" (178 mm)	.090	DM-5/8"	154250
8" (203 mm)	.090	DM-5/8"	154350
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)	.110	1"	152205
14" (356 mm)	.110	20 mm	152205Z
14" (356 mm)	.125	1"	156246
14" (356 mm)	.125	20 mm	156246Z
16" (406 mm)	.125	1"	158939
16" (406 mm)	.125	20 mm	158939Z
20" (508 mm)	.142	1"	152740

Segment Height: 10 mm

MK-299D Standard Blades

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	20 mm-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

Segment Height: 10 mm

MK-99XL Standard Blades

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	160681-MS
14" (356 mm)	.125	1"	160682-MS

Segment Height: 12 mm





MK-444D Supreme High Speed Blades

Diameter	Width	Arbor	Part#
12" (305 mm)	.110	1"	150626
14" (356 mm)	.125	1"	150382
16" (406 mm)	.125	1"	152498
18" (457 mm)	.142	1"	150383
20" (508 mm)	.142	1"	150384

Segment Height: 10 mm



MK-464D Supreme Blade

Designed for fast cutting extremely hard/non-abrasive and dense materials such as concrete pavers, concrete, field stones, and hard brick. This blade has extra tension rings to improve core stability during deep-dry cutting. Each segment has improved side clearance for less drag and improved performance efficiency.

Diameter	Width	Arbor	Part#
14" (356mm)	.125	1"	167321

Segment Height: 10 mm



Take full advantage of the MK-2000 masonry saw by teaming it up with the MK-464D diamond blade to achieve high production cutting performance at your jobsite.





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

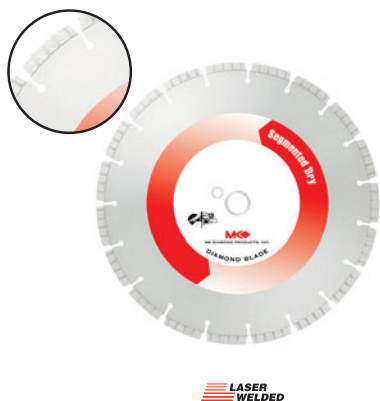


MK-414PBSL Premium Penter Blades

The MK-414PBSL (Penter Brick Slant Slot Blade) has been designed to improve performance. The slant slots provide additional cooling and fines removal, improving the speed of cut in hard/dense materials.

Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	165936
14" (356 mm)	.125	20 mm	165937
16" (406 mm)	.125	1"	160765
16" (406 mm)	.125	20 mm	160765Z

Segment Height: 12 mm



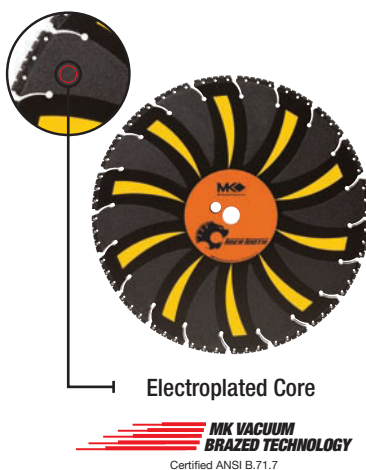
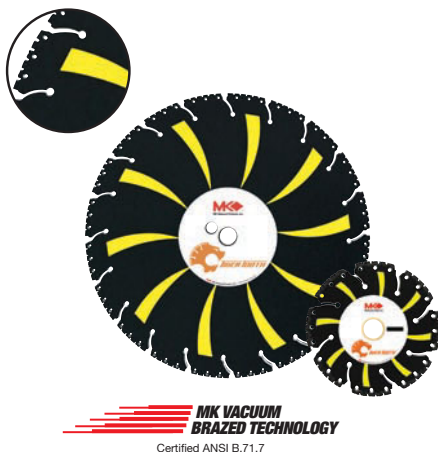
MK-414PB Supreme Penter Blades

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	DM-5/8"	159816
12" (305 mm)	.125	1"	159817
14" (356 mm)	.125	1"	159629

Segment Height: 10 mm





PVC PIPE



MASONRY



WOOD

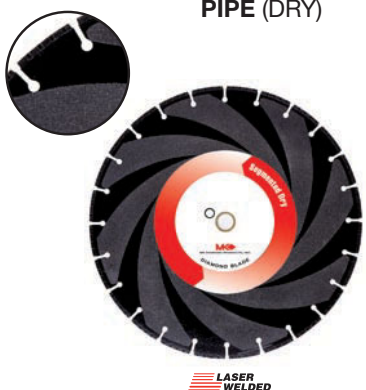
DUCTILE IRON
& STEEL PIPES

CONCRETE

POLYETHYLENE
PIPE

The Tiger Tooth multipurpose blade uses the latest MK Vacuum Brazed Technology. Contains the highest diamond content available, ensures an excellent performance that leaves a clean, smooth cut without burns. Fast cutting.

DUCTILE IRON PIPE (DRY)



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-5/8"	165109
12" (305 mm)	.125	1"	163930
12" (305 mm)	.125	7/8"	163930Y
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

Segment Height: 7 mm



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)	.100	1"	156953
14" (356 mm)	.125	1"	157333
16" (406 mm)	.125	1"	158217

Segment Height: 10 mm



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.



MK-299DT Standard Blades

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

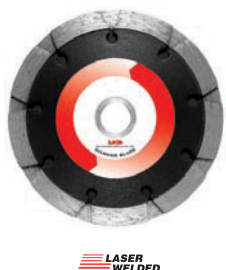
Segment Height: 10 mm



MK-404DT Supreme Blades

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
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	5/8"	153210
7" (178 mm)	.250	7/8"-5/8"	139683
7" (178 mm)	.375	7/8"-5/8"	151395
7" (178 mm)	.500	5/8"	154508
8" (203 mm)	.250	7/8"-5/8"	139691
8" (203 mm)	.300	1"	150569
8" (203 mm)	.375	7/8"-5/8"	150663
8" (203 mm)	.500	1"	154156
9" (229 mm)	.250	7/8"-5/8"	151011
10" (254 mm)	.250	1"	150360

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

Segment Height: 10 mm



.250 width



.375 width



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	20 mm-5/8"	156993
4" (102 mm)	.080	7/8"-5/8"	156993Y
4-1/2" (114 mm)	.080	7/8"-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 TURBO (DRY)



MK-625D Standard Blades

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	5/8"-20 mm	155930
4" (102 mm)	.080	7/8"-5/8"	155933
4-1/2" (114 mm)	.080	20 mm-5/8"	157396
4-1/2" (114 mm)	.080	7/8"-5/8"	157396Y
5" (127 mm)	.080	7/8"-5/8"	158345
6" (152 mm)	.080	DM-5/8"	158568
7" (178 mm)	.080	DM-5/8"	155931
7" (178 mm)	.080	7/8"-5/8"	155931Y
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 Diamond tuck point blades are excellent for repairing deteriorated mortar joints thus decreasing water entry into brickwork.





MK-925D Supreme Blades

Diameter	Width	Arbor	Part#
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	DM-5/8"	150668
6" (152 mm)	.080	DM- 7/8"-5/8"	150668Y
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



Tackle any job with the versatile MK-925 Series of diamond blades. Their turbo rim design makes fast smooth cuts through masonry or concrete products. Use wet or dry with sizes to fit hand held saws, grinders, cutoff saws and large masonry saws.



MK-915D Supreme 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



MKS-935D Supreme Blades

The MKS-935D diamond blade has been designed to cut hard concrete/masonry materials. The V-slant segments provide additional side clearance to prevent binding in the cut.

Diameter	Width	Arbor	Part#
4" (102 mm)	.080	7/8"-5/8"	167916
4-1/2" (114 mm)	.087	7/8"-5/8"	167917
5" (127 mm)	.087	7/8"-5/8"	167918
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"-20 mm	167924
14" (356 mm)	.125	1"-20 mm	167925

Segment Height: 10 mm

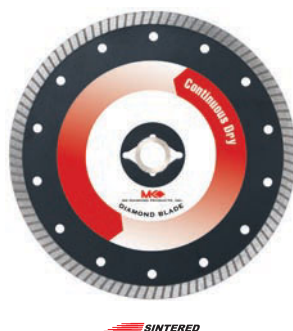


MK-205 Professional Thin-Rim Blades

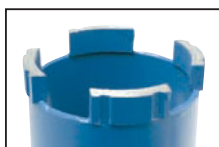
General purpose super-thin rim blade for dry cutting materials. The MK-205 has an integral steel hub stiffener to help minimize blade flexing.

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



MK-DRY MK Diamond Dry Core Bits have been specifically designed to tackle a variety of drilling operations on soft brick and concrete block. These bits feature laser-welded technology and inventive bar-slot cooling to promote efficiency, reliability and safety. 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	Mim 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	Mim 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.



Power Cord Adapter



Female: Twist Lock
(L5-20R 15 Amp/125V)



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

Part#

150960

Power Cord Adapter



Male: Twist Lock
(L5-20P 20 Amp/125V)



Female: Standard
(5-15R 15 Amp/125V)

Part#

152659

Y-Power Cord Adapter



Female: Twist Lock
(L5-15R 20 Amp/125V)



Male: Twist Lock
(L5-15P 20 Amp/125V)

Part#

152621

Dressing Stone



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

Part#

152792

MK-2000 Table



Part#

133082

MK-5000 Table



Part#

152124

Ground Fault Circuit Interrupter



15 Amp/120V

Part#

152610

BX-4 Stand



Part#

162771

MK-2000 Series Stand



Part#

153331

Electric Water Pump



2000 Series & Brick Saws

Part#

151271-MK

Centrifugal Water Pump



MK-5000 Series gas
saws

Part#

152355

MK-2000 Series gas
saws

Part#

161126

Electric Water Pump



5000 Series/Block Saws
(120V/60Hz)

Part#

160509

TILE

STONE

LAPIDARY

MASONRY

CONCRETE

FLOOR PREP

MIXERS

CORING

TROUBLESHOOTING

POLICY



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 tools to complete any concrete project. MK Diamond also provides a wide range of concrete and asphalt blades ranging from general purpose diamond blades to application-specific professional diamond blades.



MK-4024KB Kubota Saw

MK-4000 Pro Series Self-Propelled Concrete Saws

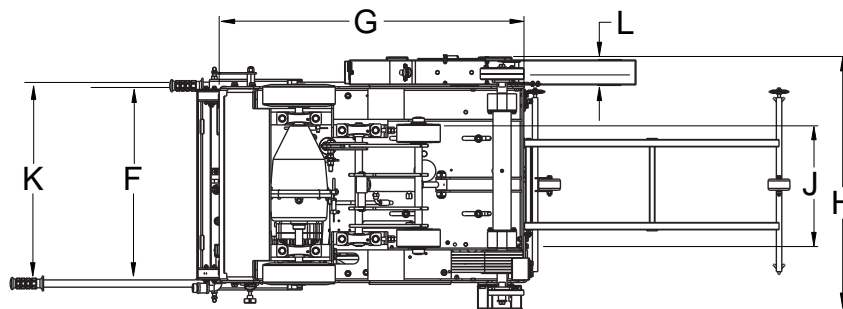
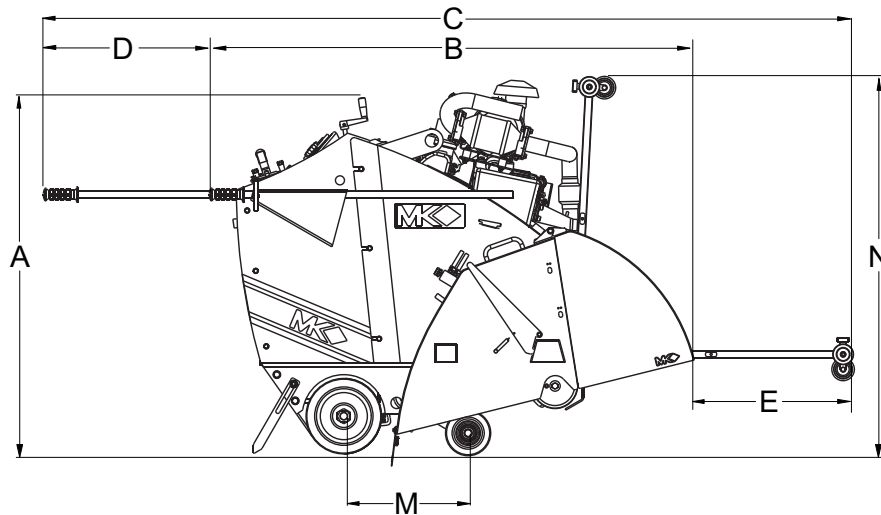
The MK-4000 heavy-duty Concrete Saw has been engineered for operator convenience, improved accessibility for maintenance and better control during operations. The MK-4000 has been designed for both front and rear pivoting and has easily removable rear and side panels to provide easy accessibility for maintenance. The MK-4000 saws are EPA Tier 3/Interim 4 compliant. One-year limited warranty.

	Deutz (Diesel) Air/Oil-Cooled			Hyundai (Gas) Water Cooled			
Engine	The 30Hp Deutz D2011L02i is a 2 cylinder in-line, diesel fueled, naturally aspirated engine. It features integrated oil cooling complete with heat exchanger. The engine meets current EPA Tier 3/Interim 4 requirements. It is a 1550cc displacement overhead valve engine with low noise emissions.			The 48Hp Hyundai 416 is a 4 cylinder in-line, DOHC, gasoline fueled, spark-ignited, liquid-cooled engine. It is computer-controlled, fuel efficient, multi-port fuel injected, has low emissions and meets all EPA and CARB requirements. The engine utilizes a check engine light to provide diagnostic codes through a connector. This engine is 1599cc in displacement with a 10.1 to 1 compression ratio. It features a cast iron engine block and a cast aluminum head. This is a super quiet, powerful, low vibration, state of the art engine.			
Power	D2011L02i* (30 Hp)			ZPP-416* (48 Hp)			
Weight	1190 lbs. (540 kg)			1,120 lbs. (510 kg)			
Model	MK-4024D	MK-4030D	MK-4036D	MK-4018HY	MK-4024HY	MK-4030HY	MK-4036HY
Blade Capacity	24" (610 mm)	30" (762 mm)	36" (914 mm)	18" (457 mm)	24" (610 mm)	30" (762 mm)	36" (914 mm)
Blade RPM	1,900	1,650	1,350	2,300	2,000	1,750	1,450
Depth of Cut	9-1/2"	12-1/2"	15"	7"	9-1/2"	12-1/2"	15"
Part#	162468	162469	164946	167196-18	167196-24	167196-30	167196-36
	Kubota (Diesel) Water Cooled						
Engine	The 44Hp Kubota V1505-T-E3B is a 4 cylinder in-line, diesel fueled, turbo-charged, liquid-cooled engine. It is fuel efficient, altitude compensating, has low emissions and meets all EPA and CARB requirements. The engine is 1498cc in displacement and features Kubota's Three Vortec Combustion system, which produces an ideal air/fuel mixture that provides increased combustion efficiency and cleaner exhaust.						
Power	V1505-T-E3B* (44 Hp)						
Weight	1,080 lbs. (490 kg)						
Model	MK-4018KB		MK-4024KB		MK-4030KB		MK-4036KB
Blade Capacity	18" (457 mm)		24" (610 mm)		30" (762 mm)		36" (914 mm)
Blade RPM	2,300		2,000		1,750		1,450
Depth of Cut	7"		9-1/2"		12-1/2"		15"
Part#	167420-18		167420-24		167420-30		167420-36

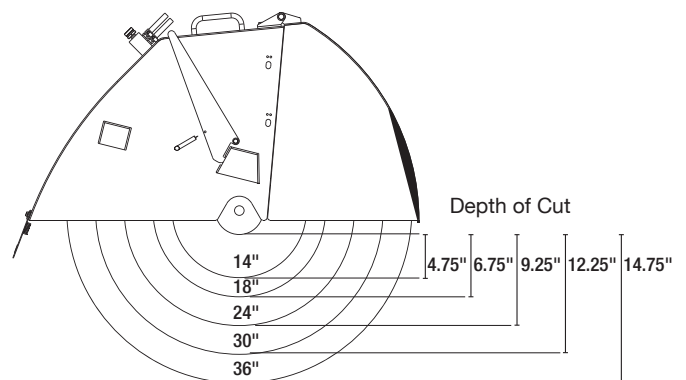
*Engine Power Information listed on page 135.
Blade not included

FEATURES

- Totally enclosed and sealed blade shaft with continuous oil bath lubrication system
- Control set provides proportional blade raising/lowering and travel speed with one hand operation
- Quick release, auto-latching bayonet mount blade guard
- Blade guard uses "ride on the blade" water tubes for superior water delivery and blade cooling
- Eaton model 6 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
- EPA Tier 3/Interim 4 compliant
- 7 3VX V-belt drive from engine to blade shaft
- Travel Speed: 0-220 FPM Forward, 0-100 FPM Reverse
- Fuel Capacity: 5.75 gallons
- L x W x H: 64¼" x 34¾" x 47¼"



Item	Description	Inches	(mm)
A	Height	47-1/4"	(1,200)
B	Minimum Saw Length	64-1/4"	(1,632)
C	Maximum Overall Length	107-1/2"	(2,731)
D	Handle Extension	22"	(559)
E	Maximum Pointer Extension	21-1/4"	(540)
F	Frame Width	27"	(686)
G	Frame Length	42"	(1,067)
H	Saw Width	34-3/4"	(863)
J	Outside to Outside Wheel Width - Front	17"	(432)
K	Outside to Outside Wheel Width - Rear	27-1/2"	(699)
L	Blade to Wall	2-1/4"	(57)
M	Wheel Base Length	16-1/2"	(419)
N	Maximum Overall Height (Pointer Up)	50"	(1,270)



*Engine Power Information listed on page 135.





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, Baldor electric motor in 230V or 460V to match the user's need. The saw features the same hydraulic raise/lower system, self-propelled transmission and control set as other MK-4000s. 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) 64¼" x 34¾" x 47¼"

L x W x H (mm) 1,632 x 883 x 1,200

Motor Baldor (Electric)

Weight 1250 lbs. (567 kg)

	Model MK-4024B	MK-4024B	MK-4030B	MK-4030B
Blade Capacity	24" (610 mm)	24" (610 mm)	30" (762 mm)	30" (762 mm)
Power	30 Hp 230V 3 Ph	30 Hp 460V 3 Ph	30 Hp 230V 3 Ph	30 Hp 460V 3 Ph
Blade RPM	2,040	2,040	1,770	1,770
Depth of Cut	9-1/2" (241 mm)	9-1/2" (241 mm)	12-1/2" (318 mm)	12-1/2" (318 mm)
Part#	167438-24	167439-24	167438-30	167439-30

Blade not included



MK-3000B Pro Electric 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, Baldor 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			
L x W x H (inches)	57" x 29¾" x 43"			
L x W x H (mm)	1,448 x 756 x 1,092			
Motor	Baldor (Electric)			
Weight	700 lbs. (318 kg)			
Model	MK-3024B	MK-3024B	MK-3030B	MK-3030B
Size	24" (610 mm)	24" (610 mm)	30" (762 mm)	30" (762 mm)
Power	20 Hp 230V 3Ph	20 Hp 460V 3Ph	20 Hp 230V 3Ph	20 Hp 460V 3Ph
Blade RPM	2,020	2,100	1,750	1,750
Depth of Cut	9-1/2" (241 mm)	9-1/2" (241 mm)	12-1/2" (318 mm)	12-1/2" (318 mm)
Part#	167428-24	167429-24	167428-30	167429-30

Blade not included.



Baldor 20HP, 3 Phase, TEFC motor, providing 30ft-lb of torque



Three position adjustable solid steel handle bars



7 3VX V-belt drive from engine to center shaft



MK-3024K



MK-3000 Pro Gas Self-Propelled Concrete Saws

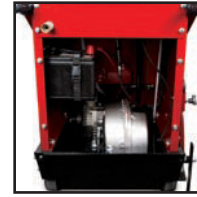
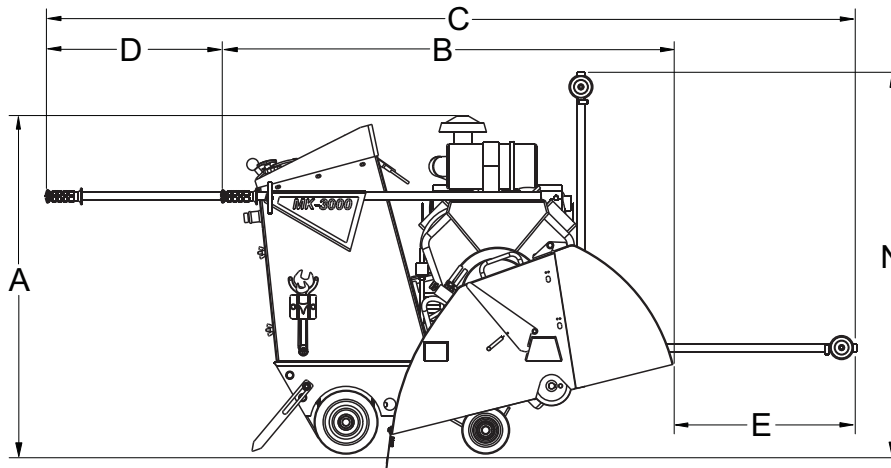
The MK-3000 series Concrete Saws are big performance saws in small packages. They have been engineered to take advantage of the new breed of high horsepower V-Twin air-cooled engines from Briggs and Stratton and Kohler. They provide the cutting depth and power of traditional street saws with all the 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		
Travel Speed	0-220 FPM Forward, 0-100 FPM Reverse		
Fuel Capacity	5.0 gallons		
Arbor	1" with 3/8" Drive Pin		
L x W x H (inches)	57" x 29¾" x 43"		
L x W x H (mm)	1,448 x 756 x 1,092		
Engine	Vanguard (Gas)		Kohler (Gas)
Power	V-Twin Big Block OHV 35* (35 HP)		Command Pro CH980* (38 HP)
Weight	750 lbs. (340 kg)		750 lbs. (340 kg)
Model	MK-3024V	MK-3030V	MK-3024K MK-3030K
Size	24"	30"	24" 30"
Blade RPM	2,100	1,750	2,100 1,750
Depth of Cut	9-1/2" (241 mm)	12-1/2" (318 mm)	9-1/2" (241 mm) 12-1/2" (318 mm)
Part#	166447	166448	166449 166450

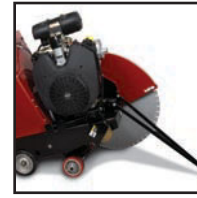
*Engine Power Information listed on page 135.

FEATURES

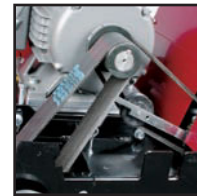
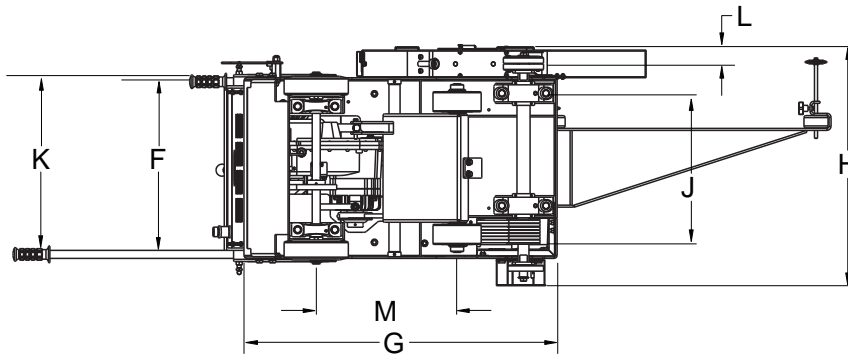
- 1-7/16 blade shaft with heavy-duty pillow block bearings
- Quick release, auto-latching bayonet mount blade guard
- Three position adjustable solid steel handlebars
- Blade guard uses "ride on the blade" water tubes for superior water delivery and blade cooling
- Saw designed for left or right side 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
- 7 3VX V-belt drive 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 6 Hydrostatic transmission coupled to an MK trans-axle



Removable rear and lower front panel for easy service.

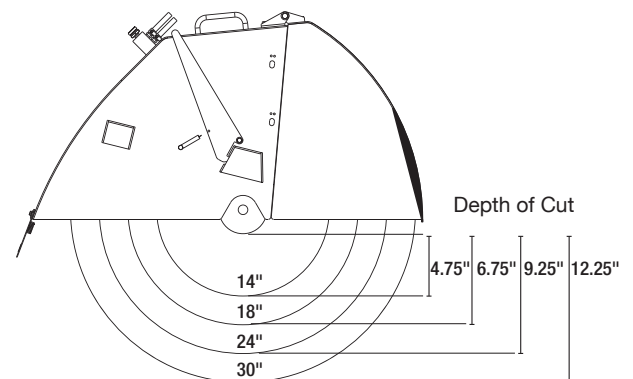


Saw designed for left or right side mounting of blade and blade guard.



7 3VX V-belt drive from engine to blade shaft

Item	Description	Inches	(mm)
A	Height	43"	(1,092)
B	Minimum Saw Length	57"	(1,448)
C	Maximum Overall Length	102"	(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	29-3/4"	(756)
J	Outside to Outside Wheel Width - Front	19"	(483)
K	Outside to Outside Wheel Width - Rear	23"	(584)
L	Blade to Wall	2"	(51)
M	Wheel Base Length	17-1/2"	(445)
N	Maximum Overall Height (Pointer Up)	48"	(1,219)



The MK-7000 Series of professional diamond blades provide the maximum performance of MK Diamond's line of wet-cutting blades. Each application is specifically engineered for superior life, improved tracking and performance.

Cured Concrete



MK-7501 Hard Aggregate, Non-Abrasive Sand

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	153968
14" (356 mm)	.125	1"	152603
16" (406 mm)	.125	1"	152534
18" (457 mm)	.125	1"	152738
18" (457 mm)	.155	1"	154670
20" (508 mm)	.125	1"	153190
24" (610 mm)	.155	1"	153305
24" (610 mm)	.187	1"	161124
26" (660 mm)	.155	1"	154079
30" (762 mm)	.187	1"	154080
36" (914 mm)	.187	1"	161125

MK-7502 Medium/Hard Aggregate

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	152240
14" (356 mm)	.125	1"	151504
14" (356 mm)	.155	1"	154083
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)	.155	1"	152372
26" (660 mm)	.175	1"	153299
30" (762 mm)	.175	1"	154089

MK-7503 Soft Aggregate, Abrasive Sand

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	152154
14" (356 mm)	.125	1"	153972
14" (356 mm)	.155	1"	154092
18" (457 mm)	.125	1"	153980
18" (457 mm)	.155	1"	154094
20" (508 mm)	.125	1"	153984
24" (610 mm)	.155	1"	153990
26" (660 mm)	.175	1"	154095

Segment Height: 12 mm

Brazed segments on blades over 24" diameter.

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



Green Concrete



MK-7601W Hard Aggregate, Non-Abrasive Sand

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	153187
12" (305 mm)	.140	1"	154096
12" (305 mm)	.187	1"	154097
14" (356 mm)	.125	1"	153867
14" (356 mm)	.145	1"	154098
14" (356 mm)	.187	1"	154099
14" (356 mm)	.250	1"	152774
18" (457 mm)	.125	1"	153981
18" (457 mm)	.155	1"	154100
20" (508 mm)	.145	1"	154101
24" (610 mm)	.155	1"	153991
30" (762 mm)	.187	1"	154103

Segment Height: 12 mm

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

Asphalt



MK-7710W Soft Aggregate

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	153562
14" (356 mm)	.125	1"	152602
14" (356 mm)	.145	1"	153586
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
24" (610 mm)	.145	1"	153995

Segment Height: 12 mm

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





CX-3® Kohler

CX-3® Honda

CX-3® Series Walk-Behind Concrete Saw

The CX-3 Series 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. It is designed for left or right mounting of blade and blade guard; cuts within 1" of wall or curb. One-year limited warranty.

Blade Capacity 14" (356 mm)

Arbor Size 1" (25 mm)

Depth of Cut 5-1/2" (140 mm)

L x W x H (inches) 32" x 19" x 42"

L x W x H (mm) 813 x 483 x 1,067

Includes 12" Dry Cutting Diamond Blade

Model	CX-3® Honda	CX-3® Robin	CX-3® Kohler
Engine	Honda (Gas)	Robin (Gas)	Kohler (Gas)
Power	GX200 Cyclone*	EX170*	CH270*
Weight	114 lbs. (52 kg)	117 lbs. (53 kg)	118 lbs. (54 kg)
Part#	159345	159346	167955

Optional Water Tank System

Tachometer

Part# 166784

153877

*Engine Power Information listed on page 135.



The design of the CX-3® allows easy access to the control panel



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



Folding handle bar for compact transport



AX-10 Premium Asphalt Blades

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	159617
14" (356 mm)	.125	1"	159618

Segment Height: 10 mm



GX-10 Premium Green Concrete Blades

Diameter	Width	Arbor	Part#
12" (305 mm)	.110	1"	159619
14" (356 mm)	.110	1"	159620

Segment Height: 10 mm



CX-10 Premium Cured Concrete Blades

Diameter	Width	Arbor	Part#
12" (305 mm)	.100	1"	159615
14" (356 mm)	.125	1"	159616

Segment Height: 10 mm



DX-10 Premium Cured Concrete Blades

Diameter	Width	Arbor	Part#
12" (305 mm)	.110	1"	159685
14" (356 mm)	.125	1"	159686

Segment Height: 10 mm





MK-2013 HSP

MK-2020 HSP

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. One-year limited warranty.

Engine Honda (Gas)

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 • 14" Dry Cutting Diamond Blade
• Lifting Bail

Model	MK-2013 HE	MK-2013 HSP	MK-2020 HSP	MK-2024 HSP
Starter	Electric	Pull	Electric	Electric
Power	GX390 Cyclone*	GX390 Cyclone*	GX620 V-Twin*	GX670 V-Twin*
Blade Capacity	16" (406 mm)	16" (406 mm)	20" (508 mm)	20" (508 mm)
Depth of Cut	5-5/8" (143 mm)	5-5/8" (143 mm)	7-5/8" (194 mm)	7-5/8" (194 mm)
Weight	290 lbs. (132 kg)	310 lbs. (141 kg)	392 lbs. (178 kg)	398 lbs. (181 kg)
Part#	155714	156499	156498	158777

Optional 6.5 Gallon Water Tank

High-Volume Water Pump

Part# 157852

158097

*Engine Power Information listed on page 135.



MK-2020KSP Propane Concrete Saw

The MK-2020KSP Propane Concrete Saw has been designed around an open-loop Kohler 20 HP propane system for safety and ease of operation. The 5 gallon industrial grade tank is remotely mounted above the engine. This saw provides all the capacity and features of the MK-20 Series with the added feature of a propane system. One-year limited warranty.

Engine	Kohler (Propane)
Power	CH20LPG*
Blade Capacity	20" (508 mm)
Arbor Size	1" (25 mm)
Fuel Capacity	5 gallons (20 lb. tank)
Depth of Cut	7-5/8" (194 mm)
L x W x H (inches)	46" x 26" x 37"
L x W x H (mm)	1,168 x 660 x 940
Weight	417 lbs. (189 kg)
Includes	<ul style="list-style-type: none"> • 14" Dry Cutting Diamond Blade • Lifting Bail • 5 Gallon Propane Tank • Propane Tank Holder
Part#	158776
Optional	High-Volume Water Pump
Part#	158097

*Engine Power Information listed on page 135.



User friendly control panel



Front nose of blade guard can be rotated up for easy blade removal



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

TILE

STONE

LAPIDARY

MASONRY

CONCRETE

FLOOR PREP

MIXERS

CORING

TROUBLESHOOTING

POLICY



MK-1613H Standard

MK-1610B Premium



MK-1600 Series Walk-Behind Standard 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 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)

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-1609H Standard	MK-1613H Standard	MK-1613H Premium	MK-1610B Premium
Engine	Honda (Gas)	Honda (Gas)	Honda (Gas)	Baldor (Electric)
Power	GX240 Cyclone*	GX390 Cyclone*	GX390 Cyclone*	10 Hp 230V 3 PH**
Blade Capacity	16" (406 mm)	18" (457 mm)	18" (457 mm)	18" (457mm)
Depth of Cut	5-5/8" (143 mm)	6-5/8" (168 mm)	6-5/8" (168 mm)	6-5/8" (168 mm)
Weight	210 lbs. (95 kg)	223 lbs. (101 kg)	233 lbs. (106kg)	275 lbs. (125 kg)
Includes	• 14" Dry Cutting Diamond Blade	• 14" Dry Cutting Diamond Blade	• 14" Dry Cutting Diamond Blade • Built-in Depth Gauge • Built-in Tach/Hour Meter • Lifting Bail	• 14" Dry Cutting Diamond Blade • Built-in Depth Gauge • Power cord with connector • Lifting Bail
Part#	157867	160832	160772	167426

Optional 6.5 Gallon Water Tank

Part# 157852

*Engine Power Information listed on page 135.

**Available with 460V/3PH motor, part# 167427



Cast aluminum hinged blade guard



Positive-locking depth control mechanism



Optional water tank is available



MK-APC/W Air Powered Walk Behind Concrete Saw

The MK-APC/W Air Powered Walk Behind Concrete Saw has a 9.5 hp pneumatic motor with gear box drive. The rugged tubular steel design provides a rigid base from which the pneumatic motor is fixed to the blade guard. Designed for tough cutting jobs, this saw is ideal for joint widening, indoor floor sawing, trenching and patch work. The MK-APC/W will cut up to 7 inches deep with no gas or engine fumes.

Air Requirement	85 cfm of air at 80 psi
Blade Capacity	20"
Depth of Cut	7"
L x W x H (inches)	42" x 19" x 41"
L x W x H (mm)	1,067 x 483 x 1,041
Weight	108 lbs (49 kg)
Part #	167990

Blade not included



MK-APC/H Air Powered Chop Saw

The MK-APC/H Handheld Air Powered Chop Saw is portable with a non-slip belt designed to improve power transfer. The MK-APC/H has the benefits of an air motor with no performance loss when compared to conventionally powered competitors. This saw can be used in the same way as a conventional gas high speed saw, but without having to worry about exhaust fumes. Cuts up to 5-inches deep. The weight of the saw is precisely balanced for the operator in order to eliminate rocking of saw during cutting. This saw also has a built "at rest" stand. The adjustable guard will swing 90 degrees allowing a range cutting angles. This saw is ideal for concrete pile cutting, demolition and pipe cutting at below grade. An easy to read oiler is included for quick check of fluid levels by the operator. Built-in water hose adaptor allows for either wet or dry cutting.

Air Requirement	85 cfm of air at 80 psi
Blade Capacity	14"
Depth of Cut	5"
L x W x H (inches)	37" x 9.5" x 19"
L x W x H (mm)	940 x 241 x 483
Weight	24 lbs (11 kg)
Part #	167989

Blade not included

ASPHALT (WET)
MK-705W MK-710W



ASPHALT OVER CONCRETE (WET)
MK-599W MK-625W



CURED CONCRETE (WET)
MK-505 MK-525



PROFESSIONAL (WET)
MK-7501 MK-7502 MK-7503 MK-7710W



	Blade	705W	710W	7710W	599W	625W
	Rim Height	10 mm	10 mm	10 mm	10 mm	10 mm
MATERIAL	Asphalt	Better	Best	Best	n/r	n/r
	Asphalt w/ Soft Aggregate	n/r	n/r	Best	n/r	n/r
	Asphalt Over Concrete	n/r	n/r	n/r	Good	Best

	Blade	505	525	7501	7502	7503
	Rim Height	10mm	10mm	10mm	10mm	10mm
MATERIAL	Cured Concrete	Better	Best	n/r	n/r	n/r
	Hard aggregate, non-abrasive sand	n/r	Best	Best+++	n/r	n/r
	Medium-hard aggregate, non-abrasive sand	Better	n/r	n/r	Best+++	n/r
	Soft aggregate, non-abrasive sand	n/r	n/r	n/r	n/r	Best+++
	Hard aggregate, abrasive sand	n/r	n/r	n/r	Good	Best
	Medium-hard aggregate abrasive sand	n/r	Good	n/r	Best	n/r
	Soft aggregate abrasive sand	n/r	Best	n/r	n/r	n/r

n/r = Not Recommended



MK-505 Premium Blades

Diameter	Width	Arbor	Part#
10" (254 mm)	.110	1"	128991
12" (305 mm)	.110	1"	129015
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)	.125	1"	135301
24" (610 mm)	.155	1"	135319
24" (610 mm)	.185	1"	133884
26" (660 mm)	.155	1"	139279
26" (660 mm)	.185	1"	135327
28" (711 mm)	.210	1"	151373
30" (762 mm)	.185	1"	133843
30" (762 mm)	.210	1"	135335
36" (914 mm)	.185	1"	135343
36" (914 mm)	.250	1"	135368

Segment Height: 10 mm

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



MK Diamond cured concrete wet cutting diamond blades have been designed for maximum performance and value. The MK-500 Series delivers long-lasting performance for any type of concrete-cutting application providing the lowest cost per inch foot.





LASER
WELDED

MK-525 Supreme Blades

Diameter	Width	Arbor	Part#
10" (254 mm)	.110	1"	134866
12" (305 mm)	.110	1"	134882
12" (305 mm)	.125	1"	134890
12" (305 mm)	.250	1"	134908
12" (305 mm)	.375	1"	134916
14" (356 mm)	.110	1"	134932
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)	.155	1"	134981
24" (610 mm)	.185	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)	.185	1"	135038
36" (914 mm)	.210	1"	135046
36" (914 mm)	.250	1"	135053

Segment Height: 12 mm

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




CORE PROTECTION


Drop segments are used on cured concrete, asphalt and green concrete when undercutting conditions are present

MK Diamond asphalt diamond blades have been formulated to exacting specifications for accurate cutting of all types of abrasive materials. Drop segments or laser welded insert 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-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
12" (305 mm)	.312	1"	150259
12" (305 mm)	.375	1"	135160
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)	.155	1"	137422
26" (660 mm)	.187	1"	152397
30" (762 mm)	.210	1"	153508

Segment Height: 12 mm

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

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)	.187	1"	151041
26" (660 mm)	.187	1"	151158
30" (762 mm)	.210	1"	151341

Segment Height: 12 mm

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



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)	.110	1"	150685
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: 10 mm

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



LASER
WELDED

**ASPHALT OVER
CONCRETE (WET)****MK-599W Standard Blades**

MK-599W Diamond Blades deliver the superior speed and performance of a diamond blade compared to an abrasive blade.

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	153836
14" (356 mm)	.125	1"	153805
18" (457 mm)	.125	1"	154033

Segment Height: 10 mm

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



LASER
WELDED

MK-625W Premium Blades

The vertical inserts on these blades are undercut protectors, specially positioned around the steel center to change the pattern of constant abrasion, ensuring longer lasting blade life. They provide the best undercutting protection for asphalt and asphalt overlay applications. The increased segment height on the MK-625W lowers 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)	.250	1"	150815

Segment Height: 12 mm

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



LASER
WELDED



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, width, and special arbors available upon request.



The MK-465D and MK-485D Series diamond blades have been manufactured with the latest technology and the highest quality diamonds. Engineered for superior cutting performance, the MK-465D and MK-485D Series provide peak efficiency and consistent cutting speed in all asphalt and green concrete applications.

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.

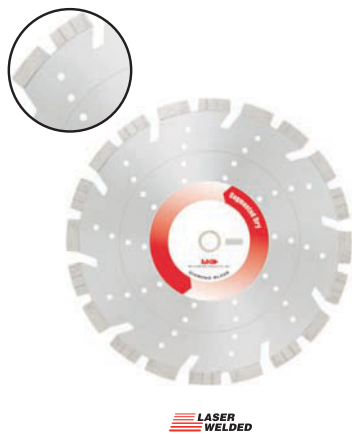


MK-465D Premium Blades

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)	.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





MK-565SKMR Supreme Blades

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

Diameter	Width	Arbor	Part#
12" (305 mm)	.125	1"	160989
12" (305 mm)	.125	20 mm	160989Z
14" (356 mm)	.125	1"	160617
16" (406 mm)	.125	1"	160737
18" (457 mm)	.142	1"	168040
20" (508 mm)	.125	1"	168038

Segment Height: 15 mm



ASPHALT/GREEN CONCRETE (DRY)



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	20 mm	160932Z
16" (406 mm)	.125	1"	162838
18" (457 mm)	.142	1"	153491
20" (508 mm)	.155	1"	168166

Segment Height: 10 mm



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 of 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	5/8"-11 Thread	156262
4" (102 mm)	.375	7/8"-5/8"	156048
4-1/2" (114 mm)	.375	5/8"-11 Thread	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 Thread	157370
8" (203 mm)	.375	7/8"-5/8"	157214

Segment Height: 10 mm



MK-8250 Supreme Crack Chaser

Diameter	Width	Arbor	Part#
8" (203 mm)	.250	1"	151927

MK-8375 Supreme Crack Chaser

Diameter	Width	Arbor	Part#
8" (203 mm)	.375	1"	151934

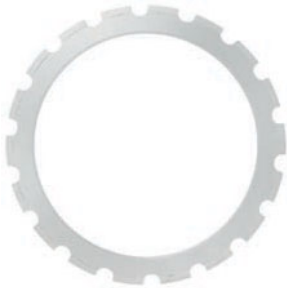
MK-8500 Supreme Crack Chaser

Diameter	Width	Arbor	Part#
8" (203 mm)	.500	1"	151938

Segment Height: 10 mm



Wet cutting ring saw blades for all concrete applications. Ring saw blades offer a 10" cutting depth and are used for pre-cutting and following diamond chain saws. Each blade includes two drive wheels.



RS-20 Premium Ring Saw Blade

For cutting hard materials

Diameter	Part#
14" (356 mm)	161127

RS-45 Premium Ring Saw Blade

General purpose for cutting concrete less than 6000 psi

Diameter	Part#
14" (356 mm)	161129

RS-70 Premium Ring Saw Blade

For cutting concrete block, abrasive concrete, limestone, shale and sandstone

Diameter	Part#
14" (356 mm)	161130

RSL-45 Standard Ring Saw Blade

General purpose blade for cutting precast and reinforced concrete

Diameter	Part#
14" (356 mm)	161131

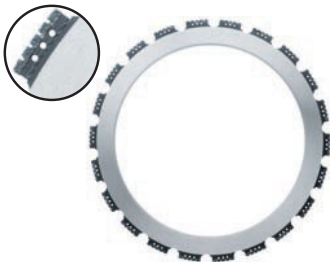
MK ring saw blades fit Partner and other cut-off type ring saws. Drive wheel included with each blade.



Ring Saw Drive Wheel

Description	Part#
Drive wheel for 14" MK Ring Saw Blades	161132

Fits Partner and other cut-off type ring saws.



**MK VACUUM
BRAZED TECHNOLOGY**
Certified ANSI B.71.7

MK-404RCK Premium Ring Saw Blade

Diameter	Part#
14" (356 mm)	165924

Segment Height: 10 mm
Two drive wheels included with each blade.



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 included for every situation.



MK-SDG-7 Grinder

Perfect for small jobs, the MK SDG-7 is designed to grind concrete surfaces to a smooth finish. Durably built with heavy gauge steel it is still lightweight and portable and the removable handle bar makes it easy to transport. The dust control system is ready to hook-up to any vacuum system for dustless grinding. Comes with the MK IXL dust shroud and a 7" cup wheel.

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	120V, 15 AMP
Weight	44 lbs. (18.6 kg)
Includes	<ul style="list-style-type: none"> • MK IXL Vacuum Shroud • Vacuum Connection Port • 7" Cup Wheel
Part#	166859
Optional	IXL Hinged Shroud
Part#	166964



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/220 V 50/60 Hz
Amperage	14 A
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	121 lbs.
Part#	167676

Optional	Blade 7-3/8" x 3"	Blade 10" x 3"
Part#	167796	167619

Blades sold separately in 5 packs only



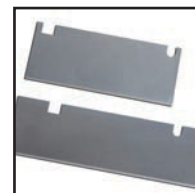
Wheel height is adjustable to provide ideal blade angle



Kick plate for pivoting ease and a push-point for added force



Easy to adjust handle height



The general purpose blades work on wood or concrete floors



SDG-11

SDG-13



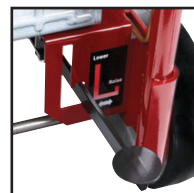
SDG-11
With Vacuum Shroud

SDG Series Single Disc Grinders

The MK SDG Single Disc Grinder is 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		
Includes	10" MK-1010S Grinding Head		
Model	SDG-13	SDG-11	SDG-3
Engine/Motor	Honda (Propane)	Honda (Gas)	Baldor (Electric)
Power	GX390*	GXV340*	3 Hp, 230V
Weight	265 lbs. (121 kg)	212 lbs. (96 kg)	212 lbs. (96 kg)
Part#	167425	157377	161180
Optional	SDG-11 with Vacuum Shroud		
Part#	157377-VAC		

*Engine Power Information listed on page 135.
Grinding Heads listed on page 109.



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



Removable nose weight



MK-SDG grinding disc mount

TILE

STONE

LAPIDARY

MASONRY

CONCRETE

FLOOR PREP

MIXERS

CORING

TROUBLESHOOTING

POLICY



DDG-11



DDG-13

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 1,051

Includes Two 10" MK-1010S Grinding Heads

Model	DDG-13	DDG-11	DDG-5
Engine/Motor	Honda (Propane)	Honda (Gas)	Baldor (Electric)
Power	GX390*	GXV340*	5 Hp, 230V 1PH
Weight	285 lbs. (129 kg)	234 lbs. (106 kg)	295 lbs. (134 kg)
Part#	167406	157012	158780

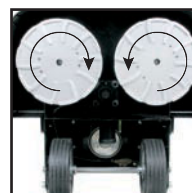
*Engine Power Information listed on page 135.
Grinding Heads listed on page 109.



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-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 the mounting bolts



MK-1020 ARROW Supreme Soft Bond Grinding Head

Diameter	Mount	Segments	Part#
10" (254 mm)	4 Bolt	20	167971

Segment Height: 8 mm
Includes the mounting bolts



SG-9

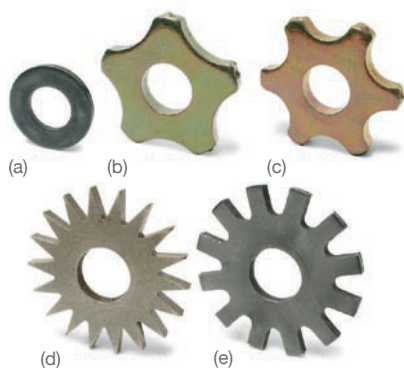
Scarifiers

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)	
Drum Weight	30 lbs. (14 kg)	
L x W x H (inches)	23" x 20" x 43"	
L x W x H (mm)	813 x 508 x 1,092	
Weight	170 lbs. (77 kg)	
Model	SG-9	SG-5
Engine/Motor	Honda (Gas)	Baldor (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 135.

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 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 17/32" ID x 3/16" 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.



5 Point Carbide



18 Point Steel Sharp Tooth

8" SG-9 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 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	78	158584
18 Point Steel Sharp Tooth 2" OD x 17/32" ID x 3/16" 18 tooth, 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 tooth cutter, flat tip. General purpose removal of concrete or asphalt	114	158586

Drum weight 30 lbs. (14 kg)

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



MK-S Scoring Saw for Decorative Concrete

MK Diamond's handheld MK-S Saw is ideal for the decorative concrete industry and affordable for contractors. The MK-S Saw can be used by one person to cut and score decorative lines, unique designs and shapes into concrete. Front and rear guides allow users to easily follow a chalk line for accurate cutting. With the optional pivot kit radial cuts, geometric shapes, arcs and circles are easy to score.

Power	Electric
Motor Speed	11,000 RPM
Amps	9.1
Volts	120V 50 or 60 Hzt
Blade Capacity	4"
Depth of Cut	1-1/2"
Arbor	20 mm
L x W x H (inches)	15" x 11" x 9"
L x W x H (mm)	381 x 279 x 229
Weight	13.5 lbs. (6 kg) (not including pivot base)
Part#	168151
Optional	Vacuum Pivot Kit
Part#	168186



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.



The IXL full shroud is designed for open areas.



The IXL hinged shroud is designed for grinding against walls and edges.

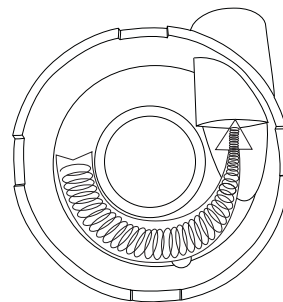
MK-IXL Vacuum Shroud

The MK-IXL shroud has been engineered to fit popular 7" grinders. It's 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 many traditional shop vacuums or commercial vacuums
- Easy to install, no tools are required

Description	Part#
Full Vacuum Shroud - 5 pack	167129
Hinged Vacuum Shroud - 5 pack	167130

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



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.



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



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.











Vacuum Shroud Kit Includes:

- MK-IXL shroud
- 7" single row cup wheel
- Cup wheel washer
- IXL shroud clamp
- IXL shroud spacers (set of 5)
- IXL shroud instruction manual
- Cup nut assembly (5/8" arbor to 5/8"-11 nut adapter)

Description	Part#
Full Vacuum Shroud Kit	167127
Hinged Vacuum Shroud Kit	167128

Recommended 7" Cup Wheels For A Variety Of Applications

Single Row Grinding Cup Wheels		Double Row Grinding Cup Wheels	
	MK-304CG-1 <ul style="list-style-type: none"> • 12 segment cup wheel • 6mm diamond depth height • 600-800 sq. ft. area • For concrete deburring & rough surface grinding 		MK-304SG-2 <ul style="list-style-type: none"> • 24 segment cup wheel • 6mm diamond depth height • 800-1200 sq. ft. area • For concrete deburring & rough surface grinding
Part# 155446		Part# 155447	
Turbo Cup Wheels		PCD Cup Wheels	
	MK-504CG-1 <ul style="list-style-type: none"> • 12 segment cup wheel • 6mm diamond depth height • 1800-2400 sq. ft. area • For fast surface grinding 		MK-604CG-1 <ul style="list-style-type: none"> • 12 segment cup wheel • 800-1000 sq. ft. area • For epoxy/paint removal
Part# 158734		Part# 162789	
	MK-504SG-2 <ul style="list-style-type: none"> • 24 segment cup wheel • 6mm diamond depth height • 2400-3000 sq. ft. area • For fast surface grinding 		MK-604SG-2 <ul style="list-style-type: none"> • 18 segment cup wheel • 1400-1800 sq. ft. area • For epoxy/paint removal
Part# 158736		Part# 162792	
T-Segment Cup Wheel		Bi-Turbo Cup Wheel	
	T- Segment <ul style="list-style-type: none"> • 14 segment cup wheel • 6mm diamond depth height • 1800-2400 sq. ft. area • For smooth surface grinding 		MK-704SG-2 <ul style="list-style-type: none"> • 18 segment cup wheel • 6mm diamond depth height • 5000-8000 sq. ft. area • For high efficiency surface grinding
Part# 166380		Part# 167115	

CUP WHEELS



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

304SG-2 Double Row Premium Cup Wheels

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



CUP WHEELS

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

504SG-2 Double Row Supreme Cup Wheels

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



MK-604CG-1 and MK-604SG-2 Polycrystalline diamond cup wheels have been designed for the quick removal of epoxy and paint. The polycrystalline diamonds also provide a smooth finish to any concrete surface. Polycrystalline diamond cup wheels work five times faster than segmented diamond cup wheels.

604CG-1 Single Row Standard Cup Wheels



Diameter	Arbor	Part#
4" (102 mm)	7/8"-5/8"	162787
4-1/2" (114 mm)	7/8"-5/8"	162788
7" (178 mm)	7/8"-5/8"	162789
Diameter	Nut	Part#
4" (102 mm)	5/8"-11	164608
4-1/2" (114 mm)	5/8"-11	164609
7" (178 mm)	5/8"-11	164610

604SG-2 Double Row Supreme Cup Wheels



Diameter	Arbor	Part#
4" (102 mm)	7/8"-5/8"	162790
4-1/2" (114 mm)	7/8"-5/8"	162791
7" (178 mm)	7/8"-5/8"	162792
Diameter	Nut	Part#
4" (102 mm)	5/8"-11	164611
4-1/2" (114 mm)	5/8"-11	164612
7" (178 mm)	5/8"-11	164613

T-Segment Cup Wheels



The MK- "T" segment diamond cup wheels are used for cleaning, thin coating removal, edging and concrete leveling. The unique "T" segment configuration puts more diamond surface area to work resulting in fast and very aggressive material removal reducing swirl marks.

Diameter	Arbor	Part#
4" (102 mm)	7/8"-5/8"	166376
4-1/2" (114 mm)	7/8"-5/8"	166381
5" (127 mm)	7/8"-5/8"	166378
Diameter	Nut	Part#
4" (102 mm)	5/8"-11	166377
4-1/2" (114 mm)	5/8"-11	166382
5" (127 mm)	5/8"-11	166379
7" (178 mm)	5/8"-11	166380

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	Part#
7" (178 mm)	7/8"-5/8"	167115
Diameter	Nut	Part#
7" (178 mm)	5/8"-11	167114



MIXERS



Canoga® mixers have been recognized for over 50 years for their heavy-duty quality, dependability and value. Each mixer has been designed to increase productivity and reduce maintenance. As an industry leader, Canoga® offers a complete line of mixers from large capacity to smaller, more compact models. Canoga® mixers are backed with a comprehensive warranty and unparalleled service.

Canoga® 70 Wheelbarrow Style Mixer

The lightweight, portable Canoga 70 Mixer is suited for mixing grout and polymer based materials in smaller quantities. It can mix all material from sand and cement to self-leveling epoxies. The Model 70 is designed for easy transport by one person and is quiet enough to operate anywhere. This durable mixer has an all-steel frame and is powered by a high torque 1/3 HP electric gear motor.

Motor	Baldor (Electric)
Power	1/3 HP, 120V
Batch Capacity	1/4 to 1/3 Bag (2 Cubic Ft.)
Total Volume	4 Cubic Ft.
Drive	Single V-Belt & Gear
Wheels	4.80 x 8"
L x W x H (inches)	48" x 31" x 42"
L x W x H (mm)	1,219 x 787 x 1,067
Weight	185 lbs. (84 kg)
Part#	165785



Canoga® 80 Electric Utility Mixer

The Canoga 80 Electric Utility Mixer has a rigid tubular steel frame, is mounted on a stationary stand. It features a heavy-duty polyethylene drum driven by a stress-proof steel shaft and gear assembly. Drum measures 23" in diameter with a 15" opening. Drum tilts easily to discharge mixed material. Powered by 1/3 HP TEFC electric motor.

Motor	Baldor (Electric)
Power	1/3 HP, 120V
Batch Capacity	1/4 to 1/3 Bag (2 Cubic Ft.)
Total Volume	4 Cubic Ft.
Drive	Single V-Belt & Gear
L x W x H (inches)	33" x 33" x 43"
L x W x H (mm)	838 x 838 x 1,092
Weight	185 lbs. (84 kg)
Part#	164145



Canoga® 113 Series Concrete Mixers

The Canoga 113 Series of concrete mixers are towable with a welded steel frame and torsion bar suspension. Model 113 mixers feature cast iron ring and pinion drive system powered by 1/2 HP TEFC electric motor or a GX120 Honda engine. Simple dump mechanism is easy to use and provides control when discharging material. Heavy-duty steel drum measures 26" in diameter with 16" opening. Tow-tongue includes cast iron 2" ball hitch.

Batch Capacity	1/3 to 1/2 Bag (3-1/2 Cubic Ft.)	
Total Volume	6-1/3 Cubic Ft.	
Drive	Single V-Belt & Gear	
Axle	Torsion-Bar	
Wheels	5.0 x 13"	
Tires	ST175/80D 13C 6 ply Bias/Load Range C	
L x W x H (inches)	95" x 62" x 63"	
L x W x H (mm)	2,413 x 1,575 x 1,600	
Weight	590 lbs. (268 kg)	
Model	Canoga 113-E	Canoga 113-GH
Engine/Motor	Baldor (Electric)	Honda (Gas)
Power	1/2 HP, 120V	GX120*
Part#	162845	162846

*Engine Power Information listed on page 135.



Canoga® 193 Series Concrete Mixers

The Canoga 193 Series of concrete mixers are towable with a welded steel frame and torsion bar suspension. Features include a cast steel pinion gear for superior wear and durability, as well as a dump gear to provide better control when discharging material. 10-gauge steel drum is fabricated with a 1/4" steel bottom and 3/8" thick reinforcing ring. Powered by 1 HP TEFC electric motor or GX160 Honda engine. Tow-tongue includes cast iron 2" ball hitch.

Batch Capacity	1/2 to 3/4 Bag (5 Cubic Ft.)	
Total Volume	8-1/2 Cubic Ft.	
Axle	Torsion-Bar	
Wheels	5.0 x 13"	
Tires	ST175/80D 13C 6 ply Bias/Load Range C	
L x W x H (inches)	95" x 62" x 67"	
L x W x H (mm)	2,413 x 1,575 x 1,702	
Model	Canoga 193-E	Canoga 193-GH
Engine/Motor	Baldor (Electric)	Honda (Gas)
Power	1 HP, 120V	GX160*
Drive	Single V-Belt & Gear	Dual V-Belt & Gear
Weight	700 lbs. (318 kg)	705 lbs. (320 kg)
Part#	163821	163822

*Engine Power Information listed on page 135.



TILE

STONE

LAPIDARY

MASONRY

CONCRETE

FLOOR PREP

MIXERS

CORING

TROUBLESHOOTING

POLICY

Canoga® 300 Series Concrete Mixers

The Canoga 300 Series of concrete mixers are towable with a welded structural tubing and channel frame, cast steel pinion gear and torsion bar suspension. Features include a geared dump system for better control and gravity latch for secure drum position. Heavy-duty 10-gauge drum fabricated with 1/4" steel bottom and 3/8" thick reinforcing ring. Powered by 1-1/2" HP TEFC electric motor or GX240 Honda engine with dual V belts. Drum measures 34" in diameter with 19" opening. Tow-tongue includes cast iron 2" ball hitch and heavy-duty safety chain.

Batch Capacity	1-1/2 to 2 Bag (9 Cubic Ft.)	
Total Volume	15 Cubic Ft.	
Drive	Dual V-Belt & Gear	
Axle	Torsion-Bar	
Wheels	5.0 x 13"	
Tires	ST175/80D 13C 6 ply Bias/Load Range C	
L x W x H (inches)	120" x 60" x 70"	
L x W x H (mm)	3,048 x 1,524 x 1,778	
Weight	1,060 lbs. (481 kg)	
Model	Canoga 300-E	Canoga 300-GH
Engine/Motor	Baldor (Electric)	Honda (Gas)
Power	1-1/2 HP, 120V	GX240* (6 to 1)
Part#	164147	163823

*Engine Power Information listed on page 135.



Canoga® 300G Front Load

The Canoga 300G front load towable mixer has the same features as the 300 series with the benefit of a front load drum. This system allows material to be moved from the truck bed directly to the mixing drum. This feature provides greater safety to the operator so as to not cause the operator to stand in traffic during mixing operation. Ideal for municipalities that are frequently moving from one job location to another. The mixer never has to be disengaged from the vehicle in order to operate.

Batch Capacity	1-1/2 to 2 Bag (9 Cubic Ft.)	
Total Volume	15 Cubic Ft.	
Drive	Dual V-Belt & Gear	
Axle	Torsion-Bar	
Wheels	5.0 x 13"	
Tires	ST175/80D 13C 6 ply Bias/Load Range C	
L x W x H (inches)	88" x 96" x 73"	
L x W x H (mm)	2,235 x 2,438 x 1,854	
Weight	1,060 lbs. (481 kg)	
Engine/Motor	Honda (Gas)	
Power	GX240* (6 to 1)	
Part#	167940	

*Engine Power Information listed on page 135.



Canoga® 890-GH Plaster/Mortar Mixer

The Canoga 890-GH Plastic/Mortar Mixer is constructed from structural tubing and channel and features torsion bar suspension. Drum fabricated from 1/4" and 3/16" steel plate with heavy-duty grate and permanently mounted bag splitter. Drum has a 12" by 18" opening and can tilt back for easy cleaning. Powered by GX240 Honda engine with triple V-belt drive through pinion and bull gears. Removable tow-tongue with cast iron 2" ball hitch and heavy-duty safety chain.

Model	Canoga 890-GH
Engine	Honda (Gas)
Power	GX240* (6 to 1)
Batch Capacity	2 to 3 Bag (8 Cubic Ft.)
Total Volume	10.2 Cubic Ft.
Drive	Triple V-Belt & Bull and Pinion Gear
Axle	Rigid
Wheels	5.0 x 13"
Tires	ST175/80D 13C 6 ply Bias / Load Range C
L x W x H (inches)	108" x 60" x 61"
L x W x H (mm)	2,743 x 1,524 x 1,549
Weight	984 lbs. (446 kg)
Part#	163920

*Engine Power Information listed on page 135.



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CORING



MK Diamond manufactures core rigs, handheld 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.



Combination Anchor Base

Combination Tilt Base

Anchor Tilt Base

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 feed handle can be mounted on either side for easy drilling close to walls and columns. 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
	Horsepower	1 HP	1 HP	1 HP	1 HP	1 HP
(A) Combination Base Drill Stand*	Weight	109 lbs.	109 lbs.	109 lbs.	109 lbs.	109 lbs.
	Part#	158639	158641	157449	157448	158640
Includes Vacuum						
(B) Combination Tilt Base Drill Stand	Weight	114 lbs.	114 lbs.	114 lbs.	114 lbs.	114 lbs.
	Part#	158647	158649	158644	158645	158648
Includes Vacuum						
(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	—	74 lbs.	74 lbs.	74 lbs.	74 lbs.
	Part#	—	167324	167325	167326	167327

*Combination base drill stand without motor: Part# 157452
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" 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	MK-2000P
	The mechanical 3-speed gearbox allows the operator to select the best speed for the core bit diameter.	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)
Watts	1700	1500
Speed	3 speed	2 speed
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	Stand	
Part#	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.

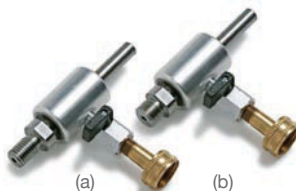
Male	Female	Part#
1-1/4"-7	5/8"-11	304147
5/8"-11	1-1/4"-7	304148

12" Shaft Extensions

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

Shank Adapters

Description	Part#
Morse Taper Shaft	152213
1/2" Straight Shaft	154070

Water Swivels

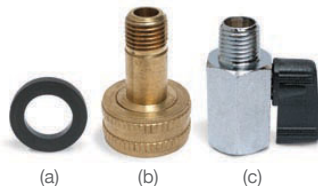
1/2" Shank

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

Water Swivels

5/8"-11 Female Shank Thread

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

Valve Assembly

Description	Part#
(a) 3/4" Rubber Washer	153663
(b) 1/4" MNPT Hose Fitting	152525
(c) Control Valve	231248

Small Anchor Base

Description	Part#
Anchor Base	158410

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	Par#
6" Diameter	60 mm (fits MK-130/3)	30-1/2" X 15-1/2" X 9"	21 lbs.	159253

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"-11	1-1/4"-11	1-1/4"-11	1-1/4"-11	1-1/4"-11
Horsepower	1 HP	1 HP	1 HP	1 HP	1 HP
Part#	159263	155976	154633	155540	159264

Manta Vacuum Pumps



(a)



(b)

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

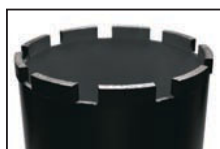
Description	Part#
(a) 120V with Handle & Iso-vibe Foot Pads	154741
(b) 120V for Manta III Combination Drill Stands	158530

Manta Control Box



Box Type	Part#
Dual Switch 120V	158428

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.



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MK-Black Supreme Core Bits

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" (39 mm)	5/8"-11	157178
1-3/4" (44 mm)	5/8"-11	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" (365 mm)	1-1/4"-7	156400

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



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
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MK-Orange Premium Core Bits

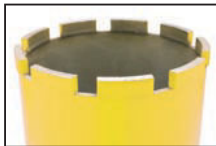
Diameter	Thread	Part#
1" (25 mm)	5/8"-11	156348
1-1/8" (29 mm)	5/8"-11	204011
1-1/4" (32 mm)	5/8"-11	156349
1-1/2" (38 mm)	5/8"-11	156350
1-3/4" (44 mm)	5/8"-11	156351
2" (51 mm)	1-1/4"-7	156352
2-1/4" (57 mm)	1-1/4"-7	156353
2-1/2" (64 mm)	1-1/4"-7	156354
2-3/4" (70 mm)	1-1/4"-7	156355
3" (76 mm)	1-1/4"-7	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

Segment Height: 7.5 mm

Drilling Depth: 14" (356 mm)

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





 **LASER
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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
1-3/4" (44 mm)	5/8"-11	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
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

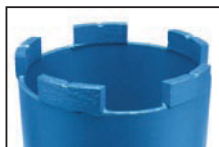
Segment Height: 7.5 mm

Drilling Depth: 14" (356 mm)

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



HARD AGGREGATE WITH HEAVY STEEL (WET)



LASER
WELDED



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 Turbo Professional 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: 7.5 mm, Drilling Depth: 14" (356 mm)

MK-Black Turbo Supreme 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: 7.5 mm, Drilling Depth: 14" (356 mm)

Additional diameter and special length core bits 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" (13 mm)	5/8"-11	157009
1" (25 mm)	5/8"-11	157010
1-1/2" (38 mm)	5/8"-11	157011
2" (51 mm)	1-1/4"-7	157793
2-1/2" (64 mm)	1-1/4"-7	157794
2-3/4" (70 mm)	1-1/4"-7	160305
3" (76 mm)	1-1/4"-7	157795
3-1/2" (89 mm)	1-1/4"-7	157796
4" (102 mm)	1-1/4"-7	157797
4-1/2" (114 mm)	1-1/4"-7	157798
5" (127 mm)	1-1/4"-7	157799
6" (152 mm)	1-1/4"-7	157800

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

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



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.



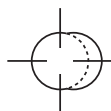
UNDERCUTTING THE STEEL CENTER

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).

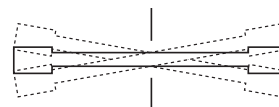
Install new blade shaft bearings or blade shaft, as required.

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.

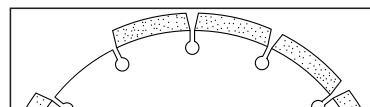
Check blade collar discs to make sure they are clean, flat and of correct diameter.

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.

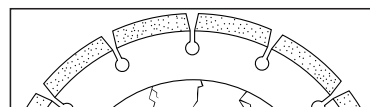
Use proper blade specification for material being cut.

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.

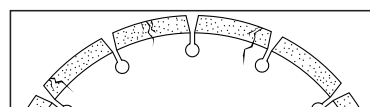
Use a softer blade bond to eliminate stresses that create cracks.

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 effect 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. Distributors are responsible for stocking a sufficient quantity and assortment of equipment and blades to properly service their specific market, and who actively promote and sell MK Diamond Products' line or products. 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.

FREIGHT POLICY

- **General Freight Policy** MK Diamond will prepay freight for a single order of at least \$700 value (comprised of either equipment, diamond blades and/or parts, or a combination of these products) to 1 location within the continental United States. All shipments must be made to the distributor's place of business. Other orders not meeting this criteria may qualify for free freight, as specified below. For non-qualifying orders, freight is prepaid and added to the invoice.
- **Combination of Equipment and Diamond Blades** MK Diamond will prepay freight for 1 saw, if combined with a single diamond blade order of at least \$100, to 1 location within the continental United States. All shipments must be made to the distributor's place of business. For non-qualifying blade and equipment orders, freight is prepaid and added to the invoice.
- **Diamond Blades** MK Diamond will prepay freight for a single diamond blade order of at least \$230 value, to 1 location within the continental United States. All shipments must be made to the distributor's place of business. For all other blade orders, freight is prepaid and added to the invoice.
- **Equipment** MK Diamond will prepay freight for a single order of 2 saws of at least \$250 value each to 1 location within the continental United States. All shipments must be made to the distributor's place of business. For all other equipment orders, freight is prepaid and added to the invoice.
- **Parts, Accessories and Miscellaneous Items** Freight is prepaid and added to the invoice.
- **General Freight Terms** Orders shipped to Hawaii, Alaska or outside the United States will be charged for all freight and handling fees. Residential delivery and lift gate charges are extra, which are billed separately as a handling fee.

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.

MINIMUM ORDER

A \$5.00 charge will be added to all orders having a net billing value of under \$50.00.

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

Distributors must contact their MK Diamond Products Regional Manager or Representative and complete and submit a "Returned Goods Authorization". The authorization will include instructions as to where the merchandise is to be returned. All merchandise must be new (e.g. a current model), listed in the current product brochure/catalog, in good, usable/saleable condition and accompanied by a purchase order for other merchandise of equivalent value. Acceptance of the merchandise by MK Diamond Products is final only after inspection. Transportation charges must be paid by the Distributor on all goods returned for credit. Credit will be based upon invoice price or current discount schedule less a 15% handling charge. Any returned merchandise received that does not comply with the above policy will be returned to the Distributor, freight collect.

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 chargeback 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, 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	2 Years
Deutz	2 Years
Honda	2 Years
Kohler	2 Years
Kubota	2 Years or 2000 hours
Robin/Subaru	2 Years
Zenith/Hyundai	2 Years or 2000 hours

Transmission Manufacturer	Length of Manufacturer's Warranty
Eaton	3 Years

Electric Motor Manufacturers	Length of Manufacturer's Warranty
Baldor	1 Year
DeWalt	1 Year
Leeson	1 Year
Milwaukee	Lifetime

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.



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