



MK Diamond Products, Inc.

Core Saws

MK-2003E

BX-4

MK-2005G

MK-2002-16

MK-5005S

MK-5009G



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MK-2000 Series Wet/Dry Cutting Core Saw

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

- Stay level blade guard gives 180° coverage at all times
- Blade shaft is built with sealed, permanently lubricated, heavy-duty bearings
- Cast-aluminum structural components & jig-welded steel frame assembly
- Recoil spring return cutting head
- Cast aluminum blade guard with stainless steel water tubes that will not bend or rust
- Adjustable water supply for maximum blade protection

Model	MK-2003E	MK-2005G
Engine/Motor	Baldor (Electric)	Honda (Gas)
Power	3 HP, 230V 12.5 Amps	GX160 Cyclone
Motor RPM	3,100	3,600
Blade Capacity	14" (350 mm)	14" (350 mm)
Depth of Cut	5" (127 mm)	5" (127 mm)
Length of Cut	16" (406 mm)	16" (406 mm)
L x W x H (inches)	34" x 25" x 32"	38" x 24" x 39"
L x W x H (mm)	864 x 635 x 813	965 x 610 x 991
Weight	172 lbs. (78 kg)	171 lbs. (77.5 kg)
Includes	<ul style="list-style-type: none"> • Core Sample Holder • 14" Wet Cutting Diamond Blade • Water Pump • Heavy Duty Folding Saw Stand 	<ul style="list-style-type: none"> • Core Sample Holder • 14" Wet Cutting Diamond Blade • Water Pump • Heavy Duty Folding Saw Stand
Part#	158751	166423
Optional	Stand	
Part#	153331	



MK-2003E



MK-2005G



MK-5000 Series Saw Wet Cutting Core Saw

Heavy duty 14" core cutting saw with a foot pedal for hands-free cutting, open back saw frame with large conveyor cart for cutting longer cores and heavy duty blade shaft bearings. One-year limited warranty.

- Precision screw feed mechanism allows the cutting head to be easily raised or lowered to the precise cutting depth required
- Self-leveling blade guard provides optimum blade coverage for operator safety
- Open-back design allows for material up to 20" long to be cut
- Conveyor cart built from heavy-duty cast aluminum
- Adjustable water supply for maximum blade protection

Model	MK-5005S	MK-5009G
Engine/Motor	Baldor (Electric)	Honda
Power	5 HP, 208/230V	GX270
Motor RPM	1,725	3,600
Blade Capacity	14" (350 mm)	14" (350 mm)
Depth of Cut	5" (127 mm)	5" (127 mm)
Length of Cut	20" (508 mm)	20" (508 mm)
L x W x H (inches)	53" x 26" x 63"	57" x 26" x 72"
L x W x H (mm)	1,346 x 660 x 1,600	1,524 x 660 x 1,826
Weight	445 lbs. (202 kg)	498 lbs. (202 kg)
Includes	<ul style="list-style-type: none"> • 14" Wet Cutting Diamond Blade • Water Pump • Rip Guide • Core Sample Holder 	<ul style="list-style-type: none"> • 14" Wet Cutting Diamond Blade • Water Pump • Rip Guide • Core Sample Holder
Part#	169751	169757



MK-5005S



BX-4™ 1-3/4 HP, 14" Wet/Dry Cutting Core Saw

The BX-4™ is the only lightweight saw to use a patent pending misting system to control dust generated during cutting. Unique features include a removable plastic tray and a locking table. The adjustable depth stop prevents cutting through the table. The V-Block style core holder allows for cutting of hard or dense rock samples. One-year limited warranty.

- Portable and lightweight
- Open-back design allows for material up to 16" long to be cut
- Easy to grip nylon handle with built-in lockable trigger switch
- Water misting dust control system
- Plastic dust collection pan
- Built-in table lock

Motor	Electric
Power	1-3/4 HP, 120V
Amps	15
Blade RPM	3,500
Blade Capacity	14" (356 mm)
Max. Material Size	8" x 8" x 16"
Depth of Cut	5" (127 mm)
Length of Cut	16" (406 mm)
L x W x H (inches)	35" x 24" x 21"
L x W x H (mm)	889 x 610 x 533
Weight	70 lbs. (32 kg)
Includes	<ul style="list-style-type: none"> • 14" Dry Cutting Diamond Blade • Built-in Water Pump • Core Sample Holder
Part #	169756
Optional	Stand
Part#	162771



MK-2002-16 Saw Wet/Dry Cutting Core Saw

The powerful MK-2002-16 Core Saw is ideal for testing of core samples. 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.

- Dual voltage (120V/240V) Baldor electric motor
- Cast-aluminum structural components & jig-welded steel frame assembly
- Stay-level blade guard provides maximum depth of cut at any head height
- Open-back design allows for material up to 16" long to be cut
- Adjustable core clamp opening allows for secure placement
- Cuts through a 6" core with a single pass

Motor	Baldor (Electric) Dual Voltage
Power	2 Hp 120V/240V
Blade Capacity	16" (406 mm)
Depth of Cut	6.2" (157 mm)
Length of Cut	16" (406 mm)
L x W x H (inches)	34" x 25" x 32"
L x W x H (mm)	864 x 635 x 813
Weight	180 lbs. (81.6 kg)
Includes	<ul style="list-style-type: none"> • 16" Wet/Dry Cutting Diamond Blade • Water Pump • 6" Core Clamp
Part #	150598-16-CC
Optional	Stand
Part#	153331



Saw Includes
6" Core Clamp with
4" Core Insert



MK-303 Professional Blades

The MK-303 Professional grade 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 notched rim or plated diamond blades. Designed for use with a water soluble coolant.

Diameter	Width	Arbor	Part#
14" (356mm)	.070"	1"	156727

Segment Height: 5mm



MK-62Q Professional Quartz Blades

Wet cutting segmented rim blades for cutting of quartz, volcanic rock and hard rock samples.

Diameter	Width	Arbor	Part #
14" (356 mm)	.095	1"	166293
16" (406 mm)	.125	1"	168599

Segment Height: 7 mm



MK-925DSLX Supreme Hard Material Silent Core Blades

This silent core diamond blade is for cutting hard rock core samples.

Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	161283

Segment Height: 10 mm



MK-762DMX™ Supreme Blades

Dry cutting general purpose blade for maximum performance on a broad range of rock and concrete materials.

Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	161293
16" (406 mm)	.125	1"	161294

Segment Height: 10 mm

SPEED BOOST **LASER WELDED**



MK-742D Supreme Grade Blades for Hard Brick

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"	162551

Segment Height: 10 mm

LASER WELDED



Core Holder

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

Part#
161123



Core Clamp

For use with MK-2002-16-CC. Includes 4" insert

Part#
172189