



MK Diamond Products, Inc.

STONE SAWS

MK-5000 Series



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MK-5000 SERIES WET CUTTING STONE SAWS

The MK-5000 Series of Stone Saws have been designed to handle the difficult applications and requirements of stone cutting. Each saw is built to exacting standards which provide uncompromising quality and performance.

The MK-5000 Saws can cut a variety of stone types including slate, limestone, tile, marble, granite, decorative rock and quartz. The saw is capable of cutting materials up to 8" x 8" x 20". Daily greasing of bearings is eliminated with a heavy-duty oil-bath blade shaft. One year limited warranty, diamond blade not included.



MADE IN USA

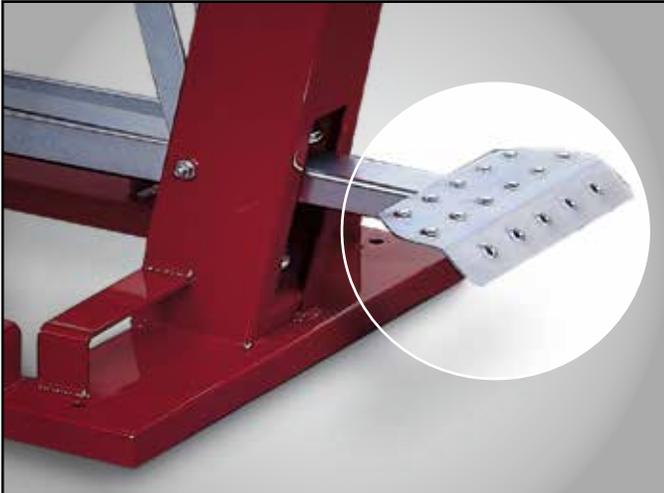
MK-5000 Saws are available with three sizes of blade guards.

Blade Guard Size	Depth of Cut
14"	5"
20"	8"
24"	10"



"Every saw is factory tested before shipping," Robert Delahaut, President, MK Diamond Products Inc.

STANDARD FEATURES:



Foot Pedal for Hands-Free Cutting

The Foot Pedal may be used to step cut, chop cut, or with masonry piece positioned vertically. Using the Foot Pedal frees both of the operator's hands for holding the masonry piece.



Spring-Assisted Cutting Head

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



Built in Forklift Bracket

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



Open-Back Design

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



Spherical Rod Ends

For long term accuracy and rigidity.



Optimum Blade Coverage

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



Built-in Tie-downs

Built-in tie-downs for safe saw transport.



Heavy-Duty Conveyor Cart

Heavy-duty cast aluminum conveyor cart with vulcanized rubber, non-slip top and four heavy-duty wheels.



MK-5000 Heavy Duty Electric Series

All Electric Saws feature an industrial, heavy-duty Baldor Motor with 1 or 3 phase power. Motor options include 9 or 10 horse power. (Diamond blades not included)

MK-5010 Heavy-Duty Saws

Description	Part #
MK-5010S 24", 10Hp Heavy-Duty Electric, 60hz/230V Single Phase	169328
MK-5010T 24", 10Hp Heavy-Duty Electric, 60hz/230V 3 Phase	169330
MK-5010T 24", 10Hp Heavy-Duty Electric, 60hz/230V 3 Phase	169331

MK-5010 Supermatic Saws

Description	Part #
MK-5010S 24", 10Hp Supermatic, 60hz/230V 1 Phase	166929
MK-5010T 24", 10Hp Supermatic, 60hz/230V 3 Phase	166930
MK-5010T 24", 10Hp Supermatic, 60hz/460V 3 Phase	166931
MK-5010T 24", 10Hp Supermatic, 60hz/575V 3 Phase	169335

*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.

Advanced Blade Guard System For Supermatic Saw

Supermatic features an advanced Blade Guard System for added operator safety.



Drive System

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



Heavy-Duty Starter

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

New Options:

- Automatic Water Flow feature that is activated by the moving cutting table towards the blade. Water flow is automatically interrupted when the table is brought to the operator's position, allowing loading and unloading of material with the motor running, but without water flowing to the blade.
- Inverter drive can be fitted, allowing for changing blade speeds for different blade sizes or material types without needing to change pulley setups.

OPTIONAL ACCESSORIES:



Six Wheel Conveyor Cart

Heavy-duty 6 wheel conveyor cart to support additional weight with ergonomical handle. Part # 165991



Cutting Jigs

Perfect for cutting veneer corners. Part # 169548
Perfect for cutting veneer flats. Part # 170158

Scan for Video

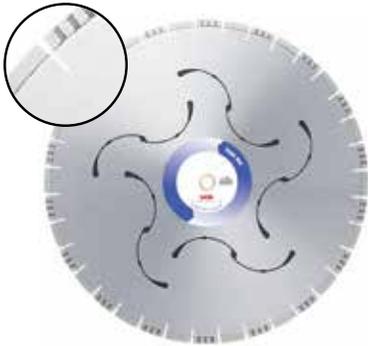


Specifications

Motor	Baldor
Arbor Size	1"
Motor RPM	1,725
Shaft RPM - 24" Blade	1,540
Depth of Cut - 24" Blade	10"
Length of Cut	20"
L x W x H	53" x 26" x 63"

OPTIONAL DIAMOND BLADES

DIAMOND BLADE GRANITE (WET)



Cost Effective Laser Cut Core shown

MK-62GSPV Professional Granite Silent Core Blades

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

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

Sandwich core available as special order only.
Segment Height: 10 mm



DIAMOND BLADE HARD MATERIAL (WET)



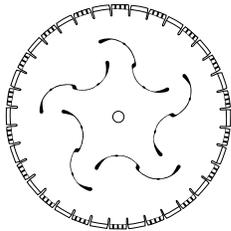
Slant Turbo Design

MK-925DSLX Supreme Hard Material Silent Core Blades

Slant turbo design with medium bond for less abrasive material.

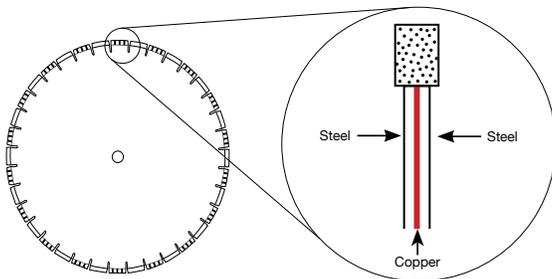
Diameter	Width	Arbor	Part#
14" (356 mm)	.125	1"	161283
20" (508 mm)	.145	1"	160971
24" (610 mm)	.142	1"	168050

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

