



MK Diamond Products, Inc.

CONCRETE SAWS - PROFESSIONAL

MK-4000 Series



1315 Storm Parkway, Torrance, CA 90501, USA
Tel: 1.800.421.5830, 310.539.5221 • Fax: 310.539.5158
mkdiamond.com • customer_service@mkdiamond.com



MK-4000 SERIES SELF-PROPELLED CONCRETE SAWS



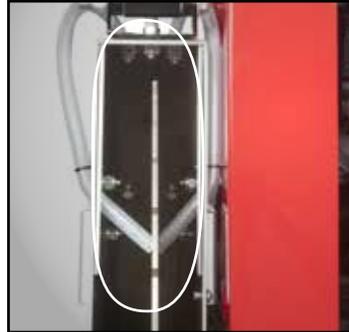
The MK-4000 Professional Series is designed for operator comfort, safety and efficiency. Saw is designed for left or right mounting of blade and blade guard. Travel speed; 0 - 200 FPM forward, 0 - 100 FPM reverse.

STANDARD FEATURES:



Balanced Design

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



Water Delivery

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



Blade Shaft

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



Maneuverability

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



Lifting Bail

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



Truck

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



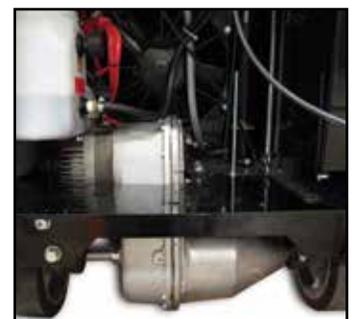
Accurate Tracking

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



Differential Drive System

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



Transmission

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

ELECTRIC



Control Panel



Front & Rear Pivot



Motor

MK-4000 Pro Electric Series Self-Propelled Concrete Saws

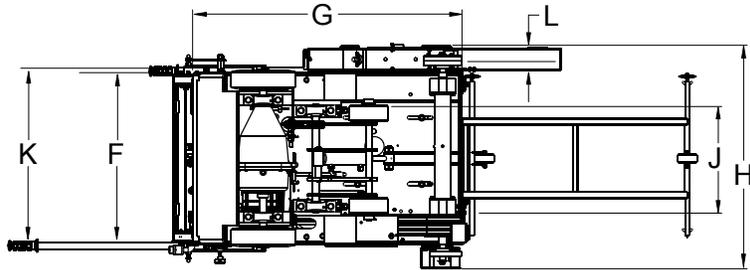
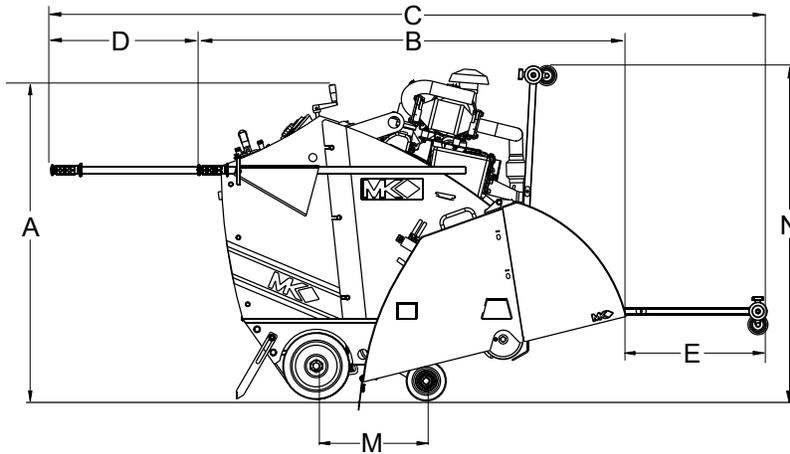
The MK-4000 Electric Saw provides a solution for those environments and situations where electric power is the right choice, whether for indoor use or simply operator preference. The saw utilizes a three-phase, 30 Hp, 460V electric motor. The saw features a hydraulic raise/lower system, self-propelled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

Switch	IP 65 IEC across the line starter			
Travel Speed	0-200 FPM Forward, 0-100 FPM Reverse			
L x W x H (inches)	64" x 35" x 47"			
L x W x H (mm)	1,626 x 889 x 1,194mm			
Motor	Electric			
Weight	1250 lbs. (567kg)			
Model	MK-4020B	MK-4026B	MK-4030B	MK-4036B
Blade Capacity	20" (508mm)	26" (660mm)	30" (762mm)	36" (916mm)
Power	30 Hp 460V 3 Ph	30 Hp 460V 3 Ph	30 Hp 460V 3 Ph	30 Hp 460V 3 Ph
Blade RPM	2,240	1,760	1,450	1,450
Depth of Cut	7-1/2" (191mm)	10-1/2" (267mm)	12-1/2" (318mm)	15" (381mm)
Part#	167439-20	167439-26	167439-30	167439-36
Optional	Water Pump Kit		Magnetic Base Headlight	
Part#	170520		170304	

Blade not included

MK-4000 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
- Bayonet mount blade guard
- Blade guard uses “ride on the blade” water tubes for superior water delivery and blade cooling
- Eaton model 7 Hydrostatic transmission coupled to an MK differentiating trans-axle
- Saw designed for left or right side mounting of blade and blade guard
- Differential lock (for cutting on slippery surfaces) and free wheel/engage controls (to allow the saw to be pushed manually)
- Three-position adjustable solid steel handlebars
- Rigid frame front pointer with high visibility guide wheel for accurate tracking
- Seven 3VX drive belts from engine to blade shaft
- Travel Speed: 0-200 FPM Forward, 0-100 FPM Reverse
- One-year limited warranty
- L x W x H: 64” x 35” x 47”



Item	Description	Inches	(mm)
A	Height	47"	(1,194)
B	Minimum Saw Length (Transport)	64"	(1,626)
C	Maximum Overall Length (Working)	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	35"	(889)
J	Front - Outside to Outside Wheel Width	17"	(432)
K	Rear - Outside to Outside Wheel Width	27-1/2"	(699)
L	Blade to Wall	2-1/4"	(57)
M	Wheel Base Length	16-1/2"	(419)
M	Maximum Overall Height w/Pointer Up	50"	(1270)

