

What is the Rental Solution to Making Cuts in Concrete or Masonry Deeper than 5 inches?

An ICS Gas Concrete Chain Saw and RentMAX™ Diamond Chain

Who Should Rent

- General / Remodeling Contractors
- Pipe and Excavation Contractors
- Masonry / Stone Contractors
- Utility Contractors
- Concrete Repair and Restoration Contractors
- HVAC, Electrical, and Plumbing Contractors
- Landscaping Contractors
- Concrete Sawing and Drilling Contractors

What To Rent For

- Concrete or masonry repairs
- Window and door openings
- Egress windows
- Mechanical or electrical openings, small and large
- Beam pockets
- Curb cut-outs
- Pipe taps
- Stone and masonry cutting
- Seismic retrofits
- Trimming manholes to grade

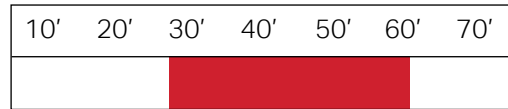
Why Rent These Saws

- Cuts quickly through reinforced concrete, masonry, block and stone
- Plunge cuts to 14 in (35 cm)
- Cuts through walls from one side, eliminating the need to match up cuts on both sides
- Makes square cuts with no over-cuts, maintaining aesthetic and structural integrity
- Creates perfectly square openings as small as 4½ in x 4½ in (11.4 cm x 11.4 cm)
- Portable, versatile, easy to operate and inherently safe

What is RentMAX™ ?



RentMAX™ cuts up to 60 linear feet in 6-inch concrete.



Actual chain life varies with operator experience, amount of steel reinforcement, and type of aggregate/application.

Doorway - 20 linear feet



Egress Window - 10 linear feet



AC Unit - 7 linear feet



Pipe Splice - 5 linear feet



Beam Pocket - 5 linear feet



Small Opening - 1.4 linear feet



Diamond Tools and Equipment

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Knowledge and Proper Care are Key to Profitability



Before Check-Out

- Break-in a new gas saw by running one full tank of pre-mixed fuel. Refer to the owner's manual for proper procedure.
- Provide the gas saw with a properly tensioned chain. The drive links should be barely hanging out of the bar. The chain should move freely around the bar when pulled by hand. Instruct the customer about proper chain tension. See the Chain Tensioning Tip Sheet.
- Provide the gas saw with a clean air filter.
- Instruct the customer about proper starting procedure. See the Quick Start Guide.
- Provide the Safety Practices and Cutting Tips to the customer.



After Return / Check-In

- Rinse with water and spray first with penetrant and then lightweight oil on the gas saw, bar and chain, especially inside the recoil starter area. Start the saw after rinsing.
- Tighten any loose fasteners.
- Inspect the air filter and replace when dirty (usually every two or three chains).
- Verify the carburetor settings by checking RPM with the bar and chain mounted. RPM's should be approximately 11,000.
- Check the drive sprocket for wear. Replace every two or three chains.
- Inspect and clean the clutch as required.
- Grease the chain tensioner.
- Check the bar for uneven rail wear. The rails can be squared up using a belt sander. The bars usually last two or three chains. The bar can be flipped over to extend life.

FAQ

Can a diamond chain cut rebar?

Yes, a number 4 or 5 (12 or 16 mm) bar is not a problem. Anything over number 8 (25 mm) is difficult. Large amounts of rebar will reduce chain life. Caution: Rebar or steel must be surrounded by concrete or aggregate material.

How long will a diamond chain last?

This depends on the material being cut, chain type, experience of the operator and how much rebar is present. For example, a diamond chain on gas saws will typically cut 30 to 60 linear feet (9 to 18 meters) in 6-inch (15 cm) concrete.

How long does a guide bar last?

Normally two or three chains. Heavy rebar can shorten bar life.

Can a concrete cutting chain saw cut dry?

No. It is a wet cut system. 20 psi (1.5 bar) minimum pressure is required.

Is "kickback" a safety problem?

No. A wood cutting chain has sharp hooked teeth that can grab the wood causing kickback. A diamond chain grinds through concrete with very small teeth (diamonds) without hooks. The preferred method of starting a cut is to plunge straight into the wall. There is no rotational kickback; however, firm footing and a two-handed grip is required and important for safety.

How fast will a concrete cutting chain saw cut?

This also depends on the material being cut, chain type, experience of the operator and how much rebar is present. Gas saws will typically saw 1 ft x 6 in deep (30 cm x 15 cm) in 2 minutes.

When does the chain need tightening?

All chains have a tendency to stretch when used. Diamond chains stretch more than wood cutting chains because of the abrasive materials they cut. When a chain stretches to the point where drive links are hanging approximately 1/2 in - 3/4 in (12 - 18 mm) below the bar, it's time to tension the chain.



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