

# RENTAL RECOMMENDATION GUIDE



CONCRETE, STONE, MASONRY. **UNSTOPPABLE.**

## Maximize Your ROI with ICS® Concrete Saw Rentals

### Who Should Rent

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

### What To Rent For

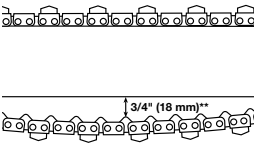
- Door and window openings (egress)
- Duct openings for HVAC, electric, plumbing
- Square corners without over-cuts
- Pipe junctions in water and sewer pipe
- Stone and masonry cutting
- Seismic retrofits and concrete removal



### Why Rent These Saws

- Cuts reinforced concrete, masonry, block and stone
- Cuts more than twice as deep as circular blade cut-off saws
- Cuts through walls from one side. No need to match up cuts on both sides of the wall
- Makes square cuts with no over-cuts. Maintains structural integrity. Cannot be done with a circular blade
- Can plunge cut very small openings, as small as 4 1/2" x 4 1/2"
- Wet Cut ONLY - No hazardous dust.

## ICS Saws - Q & A

|   |  |
|---|--|
| <p><b>Can a diamond chain cut rebar?</b><br/>Yes, 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.</p>   | <p><b>How fast will a concrete cutting chainsaw cut?</b><br/>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 foot x 6 inches deep (30 cm x 15 cm) in 2 minutes. Hydraulic saws are faster.</p>  |
| <p><b>How long will a diamond chain last?</b><br/>This depends on the material being cut, chain type, experience of the operator and how much rebar is present. For example, diamond chain on gas saws will typically cut 40 to 80 linear feet (12 to 24 meters) in 6-inch (15 cm) concrete. On hydraulic saws, this range is most often doubled.</p>   | <p><b>When does the chain need tightening?</b><br/>All chains have a tendency to stretch when used. Diamond chains stretch more than wood cutting chains because of the abrasive materials they are cutting. When a chain stretches to a point where the drive links are hanging approximately 1/2" - 3/4" (12 - 18 mm) below the bar, it's time to tension the chain.</p> <div style="text-align: right;"> <p>** As measured without pulling downward (eg. hanging by gravity)</p>  </div> |
| <p><b>How long does a guide bar last?</b><br/>Normally two or three chains. Heavy rebar can shorten bar life.</p>   | <p><b>What is the mixture ratio of oil to gas?</b><br/>25 to 1 oil to gas mixture. Recommend customer use a separate gas container marked: ICS 25:1. Use ICS formulated oil to provide maximum protection for the engine. ICS saws have a heavy duty cycle of up to 15 minutes of extended loading. 25 to 1 adds extra protection to your investment.</p>  |
| <p><b>Can a concrete cutting chainsaw cut dry?</b><br/>No. It is a wet cut system. 20 psi (1.5 bar) minimum is required.</p>  |  |
| <p><b>Is "kickback" a safety problem?</b><br/>No. Wood cutting chain has sharp hooked teeth that can grab the wood causing kickback. 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.</p> |  |

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### Before Check-Out:

- Break-in a new saw by running it at idle for one full tank of gas.
- Provide a premixed can of fuel mixed with ICS oil at 25:1.
- Provide the saw with a properly tensioned chain. The drive links should be barely hanging out of the bar. Instruct customer about proper chain tension. See Chain Tensioning Tip Sheet.
- Provide saw with a clean air filter.
- Instruct customer about proper starting procedure: See Quick Start Guide
- Measure the diamond segment height.
- Provide Safety Practices and Cutting Tips to the customer.

### After Return / Check-In:

- Rinse with water and spray lightweight oil on saw, bar & chain, especially inside the recoil starter area. Start the saw after rinsing.
- Tighten any loose fasteners.
- Clean the air filter. Inspect the fuel filter.
- Verify carb settings by checking RPM with bar and chain mounted. RPM's should be approx 11,000.
- Check drive sprocket for wear. Replace every 2 to 3 chains.
- Check bar for uneven rail wear. Rails can be squared up using a belt sander. Bars usually last 2 to 3 chains.

### How To Charge

ICS recommends the best practice of renting the complete saw for \$50 to \$125 per day, plus selling the user/customer the diamond chain at the time of rental. The daily rate may depend on market, application and specific job, and the sale of a diamond chain can be billed to customer in several methods or amortized over time, but this method of renting with selling ensures maximum long term ROI and the best user experience versus expectation. It should also be noted that a total daily rental cost to the user of over \$250 may result in limited rentals and/or repeat business. Note: Other rental charge alternatives may be used, such as measurement of diamond wear or higher daily rates including the diamond chain, but the best common practice is noted above.

