

APPLICATIONS

MECHANICAL OPENINGS

Mechanical openings smaller than 2 x 2 (60 cm X 60 cm) can be created in under 20 minutes with ICS® concrete chain saws. Even new operators can achieve great results with minimal experience. Note: A core can weigh as much as 150 lbs per cubic foot (2371 kg/cu. meter). Pay special attention to shifting materials and proper cutting sequence when making larger openings.



1. After laying out the opening, score cut to 1 (2.5 cm) deep (Use a small level when making horizontal cuts to ensure a straight cut) - 4 minutes.



2. Plunge cut all sides of the opening, starting with the bottom cut - 10 minutes.



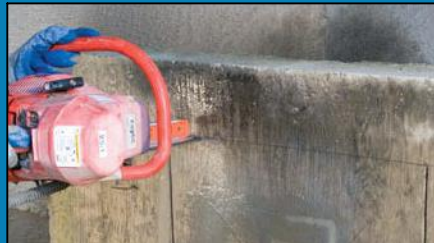
3. Carefully finish each corner.



TOTAL ELAPSED TIME: 14 MINUTES.

EGRESS WINDOWS

Diamond Chain Technology allows remodelers to easily add windows and egress windows to additions and basement remodels. Because there are no overcuts, water proofing issues around the windows are reduced.



1. Layout and score cut the entire opening to 1 (2.5 cm) deep - 6 minutes.



2. Cut the bottom first to avoid pinching the bar in cut. Plunge saw into cut and cut to the corners on each side - 12 minutes.



3. Use wedges on the bottom of the cut to keep the core in place and avoid cracking while cutting the top - 12 minutes.



TOTAL ELAPSED TIME: 30 MINUTES.

HVAC & ELECTRICAL

With an ICS® concrete chain saw, electrical and HVAC contractors can install small openings in minutes without any additional setup time or stand mounting. In addition, channels and slots can be added with the same tool for access to the installation from pipes and conduit. Note: An ICS saw with shorter height bar, like the 814PRO or 603GC, is easier to use when cutting small openings.



1. Carefully layout the electrical box to be installed - 1 minute.



2. Carefully score cut the entire opening, working slowly to each corner. Use a small level on horizontal cuts - 2 minutes.



3. Plunge into the center of each cut avoiding the corners when pushing the saw in. Then slowly work the saw to the corners - 2 minutes.



TOTAL ELAPSED TIME: 5 MINUTES.