



Soff Cut 2015

District Manager: Troy Fruth, MN, ND, SD

Soff Cut® - Ultra Early Entry™ System



Husqvarna Soff-Cut

- **Husqvarna Soff-Cut**

- 5000, 27hp Kohler, 4" depth
- 4200, 23hp Kohler, 3" depth
- 2500, 11hp Honda, 1 1/2" depth



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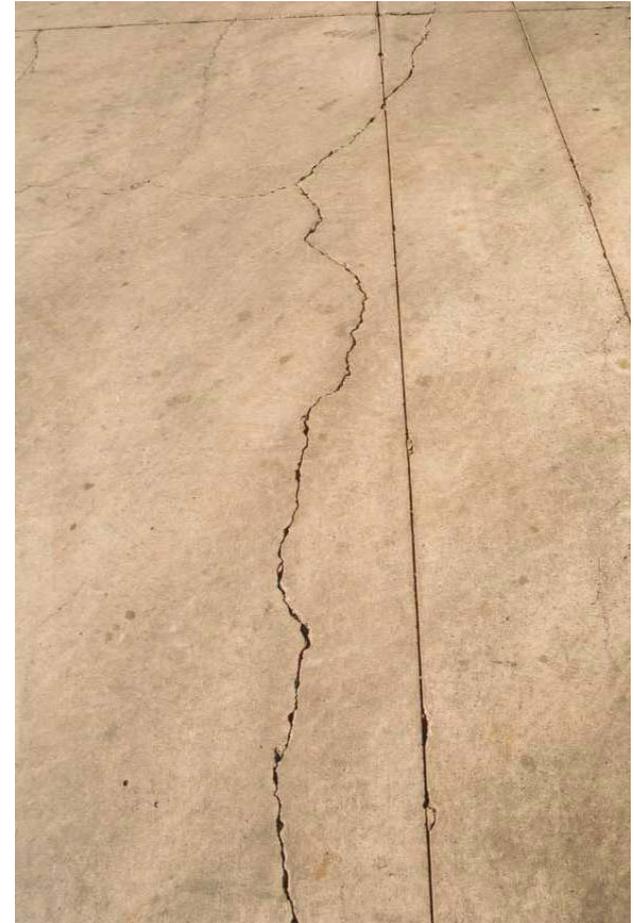
- 4000, 20hp Kohler, 2 3/4" depth
- 2000, 9hp Robin, 1 1/2" depth
- 150, 4.3hp Robin, 1 3/16" depth



Why Use Soff-Cut?

Random Cracking in Concrete

Of the many problems facing contractors, random cracking is among the most costly and aggravating. Random cracking is particularly troubling because it immediately casts doubt on concrete quality, leading to owner dissatisfaction, callbacks and disputes.



Green Zone™ & Ultra Early Entry™

- Green Zone™
 - The first 2 hours after finishing and before final set.
- Ultra Early Entry™
 - Soff-Cut® is the only system that can cut during the Green Zone™



Ultra Early Entry™ Dry Cutting System



The Husqvarna/Soft-Cut technology is based on the combination of all three key elements and one major factor.

- Four Key Elements **(#1)** SoffCut blade, **(#2)** Blade Block, and **(#3)** Skid Plate, **(#4)** The Timing of Cut

Ultra Early Entry™ Dry Cutting System



The up-cutting rotation of the Blade combines with the Blade Block, Skid Plate and Saws weight, to apply pressure on the surface of the concrete to prevent chipping, spalling and ensures the highest quality control joint available.

Soff-Cut Excel



Excel blades application chart.

MATERIAL	EXCEL 1000 PURPLE	EXCEL 2000 GREEN	EXCEL 3000 RED	EXCEL 4000 ORANGE	EXCEL 5000 YELLOW	EXCEL 6000 BLACK
ULTRA-HARD AGGREGATE, NON-ABRASIVE SAND (FLINT)	●	●	—	—	—	—
HARD AGGREGATE, NON-ABRASIVE SAND (CHERT)	●	●	—	—	—	—
MEDIUM TO HARD AGGREGATE, MEDIUM ABRASIVE SAND (TRAP-ROCK)	○	●	●	●	—	—
MEDIUM AGGREGATE, MEDIUM ABRASIVE SAND (QUARTZ)	—	○	●	●	—	—
MEDIUM TO SOFT AGGREGATE, ABRASIVE SAND (GRANITE)	—	—	○	●	●	●
SOFT AGGREGATE, ABRASIVE SAND (LIMESTONE)	—	—	—	○	●	●
SOFT AGGREGATE, SOFT LIMESTONE SAND	—	—	—	—	—	—
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● = Optimal ● = Good ○ = Acceptable — = Not recommended

Speed ----- Life

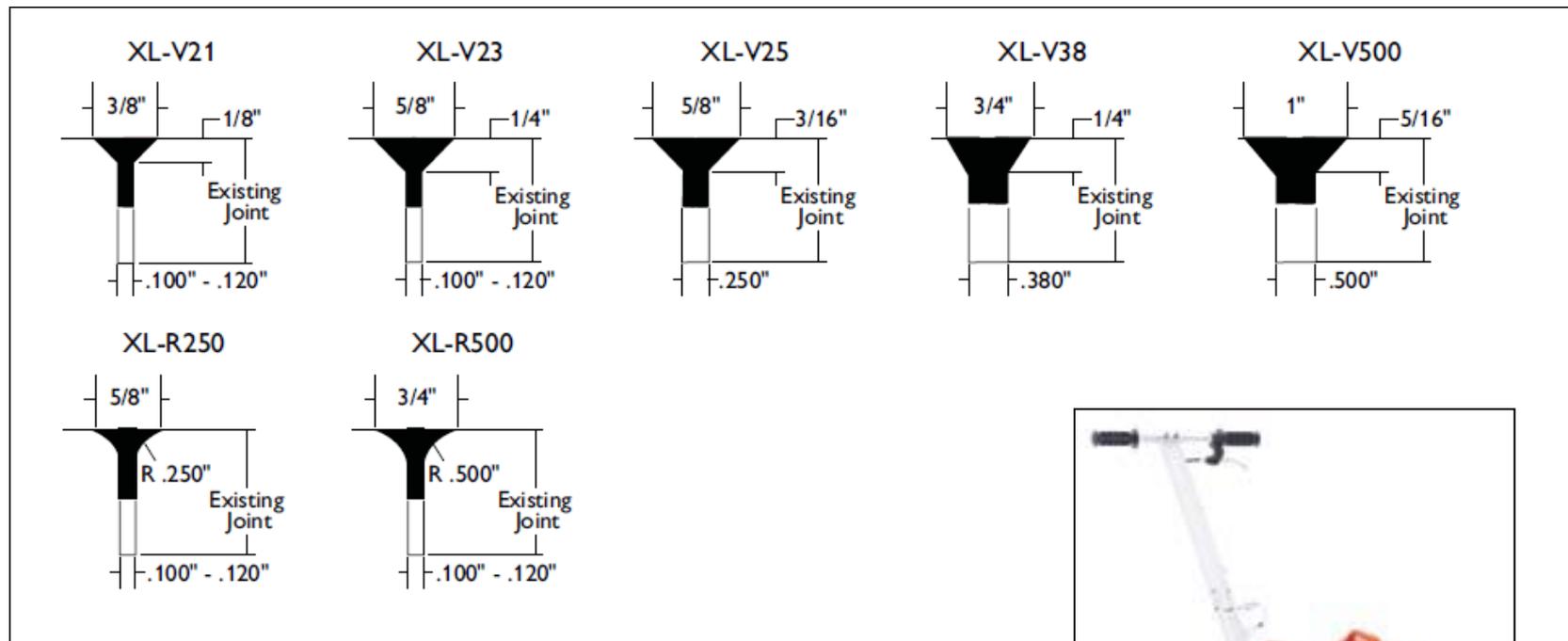
Decorative Sawing



- Why Decorative?
 - You can achieve an attractive looking control joint
 - Decorative patterns
 - Repair old broken / collapsed joints and make it look Brand New!
 - Durability of Control Joint – Heavy Traffic Areas, Run Ways, Warehouses



Pro Edge



Pro Edge Blade



Husqvarna[®]

www.husqvarnacp.com