



Early Entry Green Concrete Saw The Green Machine

The original light weight, available with a
4.5 HP or 6 HP gas engine or 2 HP electric



CARDINAL Early Entry Saw and unique Green Sawing Technique

- eliminating random cracks
- prevent unsightly raveling
- minimize joint chipping and spalling

CARDINAL is innovator of the industry's original early entry saw for cutting uncured green concrete

CARDINAL developed the world's first Green Machine Early Entry saw. And, continuing this tradition of innovation, CARDINAL has developed an early entry saw to handle any size job, indoors or outdoors.



The Green Machine Series is sold internationally only

The CARDINAL GM-SERIES

- Equipped with patented FlatTrac wheel which permit the cutting operation to proceed often within one to two hours after the finishing process is completed... your time on-the-jobsite is minimized
- Has a low price tag yet outperforms more expensive Soff-Cut™ saws.
- Uses the lowest cost, fastest cutting CARDINAL DIAMOND Blades
- Does not require expensive skid plates that can scratch and damage concrete surfaces and need to be replaced with every blade.

Cardinal Saws & Blades

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Physical/Mechanical Specifications

The CARDINAL GM Series

Dimensions	Handle collapsed – 16” width x 42” length Handle extended – 16” width x 49” length
Weight	100 pounds
Blade raise/lower system	Manual release and engagement near handle bar
Guide System	Convenient self-extending front and rear guides
Handle	Telescoping type with infinitely adjustable length
Cutting distance from wall	3.5”

Blade Specifications

Blade type	6.5” diameter x .095” or 0.225 thick dry cut with patented Z Arbor
Blade rotation	Counter clockwise, up cutting
Blade shaft speed	5400 RPM
Cutting depth	1/2” to 1.5” (13mm – 38mm) regardless of blade wear (new blade cutting depth of 1.75”)

Engine Specifications

Gas-powered engine	4.5 HP (3.2KW) Subaru Robin Model EX-13 vibration-free, air-cooled 4 cycle, single slant cylinder, overhead camshaft gasoline engine. <i>Optional: 6.0 HP EX-17 available on self-propelled models only.</i>
Recommended Engine Speed	3600 RPM
Optional electric engine	2 HP, 115/230 volt, totally enclosed, fan cooled
Controls	Engine mounted manual throttle, choke and fuel shut off levers, manual on/off switch
Starting System	Manual recoil starter with automatic mechanical compression release and zero kick back

Average Cutting Rates*

Soft aggregates	15 ft./min. (4.7 m/min.)
Medium aggregates	10 ft./min. (3.0 m/min.)
Hard aggregates	5 ft./min. (1.6 m/min.)

** Estimates only. Speed will vary with job conditions and concrete mixtures*

Please note: The Green Machine Series is sold only outside of the United States.