



***Cutters Edge***<sup>®</sup>

***CE101C  
Gasoline  
Powered  
Concrete  
Saw***



***Cuts Reinforced  
Concrete Up to 16 Inches  
(41cm) Thick***

# Cutters Edge®

The CE101C Gasoline-Powered Concrete Chain Saw with GCP Premium SealPro® Diamond Chain cuts reinforced concrete up to 16 inches thick.

Unlike hydraulic saws, no heavy, bulky power pack is needed and there are no hydraulic lines to get in the way. And, unlike rotary saws, there

is no concrete dust produced and it can cut material that is twice as thick. Just a single water line with only a 2gpm flow (7.5 liters/min) at 20psi (1.5 bar) is needed to cool and lubricate the chain and prevent any concrete dust. A garden hose from a residential hose bib is all that is needed, but water can be supplied from any water source; including a pumper, tender, hydrant, standpipe, the ocean, a lake, stream or even a puddle or bucket of water. We also offer a **Concrete Sawing Kit** that includes a lightweight pump, hoses, adapters and everything needed to pump water from any source.

The CE101C cuts a wide range of materials, including reinforced concrete (rebar), masonry brick, concrete block, natural stone, and abrasive concrete. We developed a powerful 6.2 cu. inch (101cc) engine specifically for concrete cutting. An advanced crankshaft sealing, sealed throttle shaft, waterproof ignition, and a special air filtration system are just some of the features that allow this internal combustion engine to operate in the wet rescue concrete cutting environment.

### SCRENCH TOOL AND TOOL HOLDER

*This handy, universal tool can be used for all adjustments and maintenance of the Concrete Saw.*

### WALLWALKER®

*The pivoting of the Wallwalker® creates a 4:1 mechanical advantage by transferring forward pressure into downward pressure.*

### FLAME COATED GUIDE BAR

*With internal water galleries. 14" (36cm) or 16" (41 cm)*

### PIVOT "DOGS"

*The Pivot "Dogs" are hardened steel spikes that allow the saw to gain purchase in the concrete.*

**GCP PREMIUM  
SealPro™  
DIAMOND**

*Cuts reinforced concrete up to 16 inches thick.  
(See pg. 3 for details)*

### MULTI-STAGE AIR FILTRATION SYSTEM

*The Multi-Stage Air Filtration System is oil-coated to repel water and create a tack barrier. A fine mesh nylon screen adds an additional barrier.*

### 3 AXES 360° SWIVEL HOSE CONNECTOR

*The Swivel Hose Connector enables the saw to work freely through 360 degrees of direction in each of three axes. This keeps the water supply hose out of the way and prevents the hose from kinking.*

### FUEL MIX

*The 0.26 gal (1 liter) capacity fuel mix tank allows for 15 to 18 minutes of continuous full-load operation.*

### WATER PRESSURE GAUGE

*The Water Pressure Gauge shows the water pressure being delivered to the saw to ensure long chain life and prevents concrete dust.*

### STARTER SPRING LUBRICATION PORT

*The Starter Spring Lubrication Port allows lubrication of the starter prawls and springs without disassembly.*



**The CE101C Cuts Reinforced Concrete Up to 16 Inches Thick.**

## ***Additional Features of the CE101C Concrete Saw...***

### **FOAM COVERED FULL-WRAP HANDLE**

*The Full-Wrap Handle design allows the saw to cut in any position, even upside down and provides additional protection by acting as a "chain catch." The closed cell foam wrap reduces vibration and creates a non-slip surface for working in wet rescue environments*



### **RUBBER COATING**

*The entire bottom of the saw is coated with a layer of rubber to protect the saw from the abrasive concrete and to stop the saw from "walking."*



### **MOMENTARY ON/OFF CONTACT SWITCH**

*The momentary On/Off switch is always in the "On" position for reliable starting and to eliminate the possibility of flooding.*



### **FIRE GLOVE GRIP D-HANDLE**

### **MUFFLER EXHAUST PORT COVER**

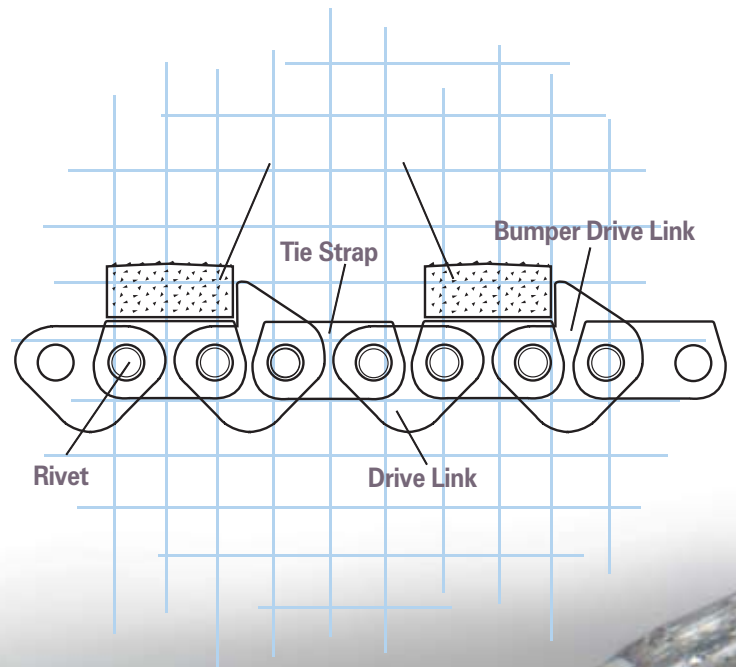
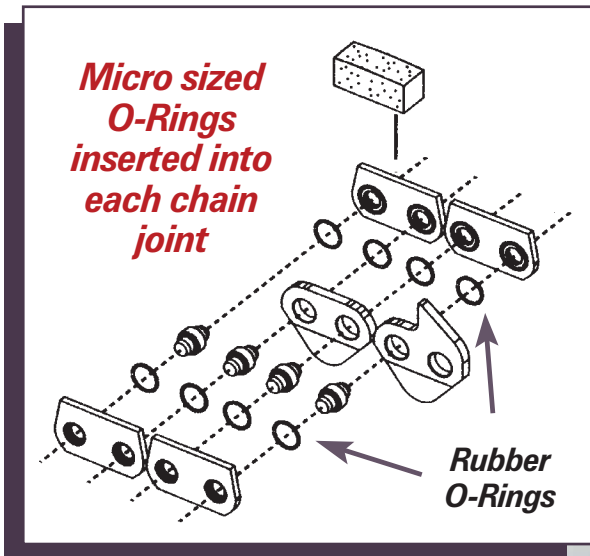
*The Muffler Exhaust Port Cover prevents water from entering the engine through the muffler.*



# GCP Premium SealPro™ Diamond Chain

The Largest Diamond Segment Available for a Gasoline Powered Concrete Chain Saw and Cuts Reinforced Concrete Up to 16 Inches Thick

Micro-sized O-rings create a totally sealed rivet joint to keep out sand and slurry during concrete cutting. This unique design results in a longer chain life, reducing chain stretch and tensioning adjustments by up to 50 percent and reduces water pressure requirements to only 20 psi.



*Laser Welded*

*Thousands of Diamonds*

*No Kickback*

*Sealed Rivets*

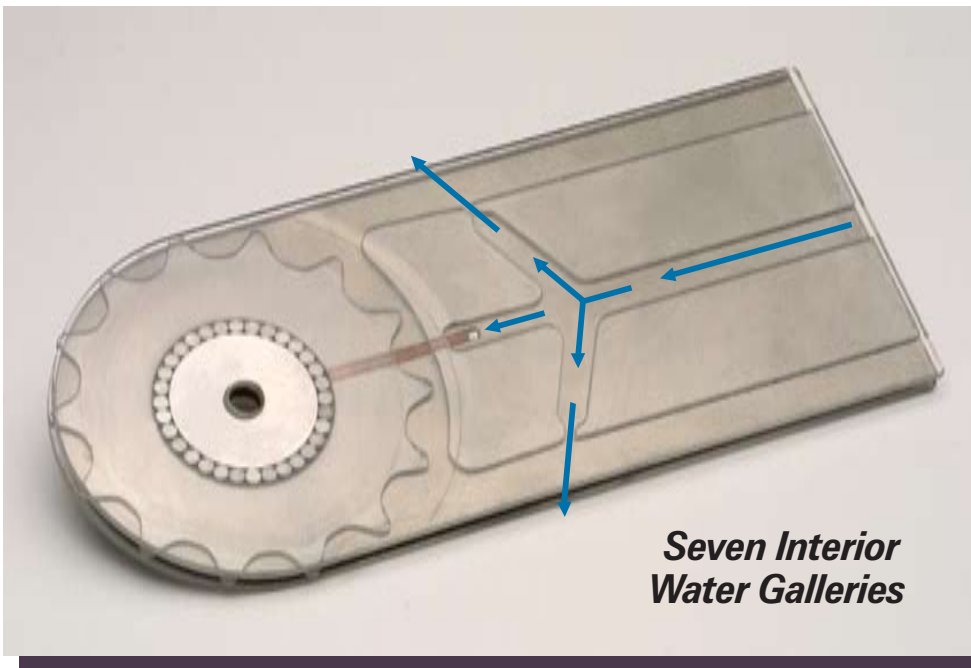
**SealPro™**  
diamond chain

# CE101C Guide Bar



A flame coating creates maximum durability of the guide bar rails for longer life and smoother operation in the harsh environment of concrete cutting.

**Flame Coating and Internal Water Galleries for Long Life and Dust-Free Cutting.**



Cool, dust-free cutting and bar and chain lubricating is the direct result of the unique, interior water galleries that deliver a constant pressurized flow of water from inside out to keep the diamond chain cool and prevent concrete dust.

***Seven Interior Water Galleries***

***Available in 14" (36cm) and 16" (41cm) lengths.***

# The CE101C Concrete Sawing Kit

*Our Rugged 24-piece CE101C Concrete Sawing Kit Includes All of the Tools You'll Need to Cut Concrete Anywhere, Using Any Available Water Source.*

75 ft. 3/4" Hose

Hydrant Wrench

*Rugged Diamond Plate Aluminum Case with Removable Engineer's Trays and Compartments that can be reconfigured.*

3/4" thru 2-1/2" Adapters

*Safety Goggles, Hearing Protectors, Tool Kit and Accessories*

25 ft. 3/4" Hose

*3-Gallon Pressurized Fuel Container for continuous 12-hour Pump run time.*

Priming Pump

8 ft. - 1-1/2" Suction Hose with Check Valve

1-1/4 Gallon Fuel Container for Saw

CE101C Concrete Saw - 14" or 16"

CE40 - 100 Pump

## Concrete Sawing Kit Includes:

- (1) Diamond Plate Aluminum Case with Dividers and Tray
- (1) CE101C/14" or CE101C/16" Gasoline Powered Concrete Cutting Chain Saw
- (1) CE40-100 Pump
- (1) 1-1/2" x 8 ft. Suction Hose
- (1) 1-1/2" Check Valve (Foot valve)
- (1) Hand Priming Pump
- (1) 1-1/2" Thread Protector (npsH)
- (1) 1-1/2" (npsH) Female x 3/4" (ght)\* Male Adapter/Thread Protector
- (1) 1-1/2" (npsH) Female x 1-1/2" (nst) Male Adapter
- (1) 3/4" x 3/4" FHT Brass Hose to Hose Connector
- (1) 3/4" x 25 ft 250 psi Myti-flo Woven Hose
- (1) 3/4" x 75 ft 250 psi Myti-flo Woven Hose
- (1) 2-1/2" Female x 3/4" (ght)\* Male Adapter
- (1) 1-1/2" Female x 3/4" (ght)\* Male Adapter
- (1) 1" Female x 3/4" (ght)\* Male Adapter
- (1) Hydrant Wrench
- (1) 1-1/4" Gallon Fuel Container (UL Approved)
- (1) 3-Gallon Fuel Container (UL Approved) with 6 ft. Fuel Line, Primer Bulb and Quick-Connect Connectors, for up to 12 hours of Full Load Pump Operation.
- (1) 8 oz. Bottle, Cutters Edge 2-Cycle Oil Mix (Will make 6 Gallons of Fuel)
- (1) Air Filter "Recharger Kit"
- (1) Spray Can of Lubricant/Water Displacer
- (1) Tool Kit
- (1) Safety Goggles
- (1) Hearing Protectors

\* (ght) Garden Hose Thread

*Specifications are subject to change without notice.*

# CE101C Rescue Series Concrete Saw Specifications

## For CE101C/14" and CE101C/16"

- GCP Premium SealPro™ Diamond Chain
- Flame Coated Guide Bar
- Patented Pivoting WALLWALKER® System
- Pivot "Dogs"
- Closed Cell Foam Covered Full-Wrap Handles
- Momentary Contact On/Off Switch
- "Screch" Tool and Tool Holder Mounted on Handle
- Water Pressure Gauge
- 360 Degree Swivel Hose Connector
- Stainless Steel Muffler Exhaust Port Cover
- Air Filter "Recharger Kit"
- 8 oz. Bottle of Cutters Edge 2-Cycle Oil Mix
- Can of Water Displacer/Lubricant
- Deluxe Tool Kit and Instruction Manual
- 6.2 cu. inch (101cc) engine designed specifically for wet cutting concrete and an abrasive environment. Special crankshaft sealing and air filtration system.
- Lightweight Magnesium Castings
- Rubber Coated Bottom
- Starter Spring Lubrication Port

### Engine Type

2-Stroke Single Cylinder Air Cooled

### Displacement

6.2 cu. in (101cc)

### Horsepower

6.5 HP @ 8700 RPM

### Engine Speed

11,500± 500 RPM, mechanically governed  
2500-2800 RPM Idle

### Chain Speed

5500 fpm (28 m/s), free running

### Weight

27.2 lbs (12.3 kg)

### Cutting Depth

14 inches (36cm)  
16 inches (41cm)

### Dimensions

Length 25 inches (63cm)  
Height 14 inches (36cm)  
Width 12 inches (30cm)

### Carburetor

Walbro WGAK3, Throttle shaft sealed

### Starter

Dust and water shielded with lubrication port

### Ignition

Special water resistant electronic ignition

### Clutch

Three-weight, single spring, water and concrete proofed  
Rim and drum drive sprocket

### Fuel Capacity

0.26 gal (1 liter) 15 - 18 minutes per tank, continuous full-load operation

### Water Supply

20psi (1.5 bar), 2gpm (7.5 liters/min) minimum

### Noise Level

102dBA @ 1 meter

### Vibration Level

8 meters/sec (front handle)

### Cutting Rate

#### **Hard Aggregates & Steel:**

15-25 in/min (90-160 cm/min)

#### **Medium Aggregates:**

20-30 in/min (160-190 cm/min)

#### **Masonry, Block, Brick:**

30-50 in/min (190-320 cm/min)

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