



**GREENLEE®**

A Textron Company

**MADE FOR THE TRADE!™**

**GREENLEE.**  
5-3/8" Metal Cutting Circular Saw  
1-1000 - 105-144



**POWER TOOLS™**

**PROVL**  
LITHIUM-ION POWER TOOLS



# PROVL™

LITHIUM-ION POWER TOOLS

Electrician trusted for nearly 150 years, Greenlee is proud to introduce its new line of top-performing Lithium-Ion power tools. Professional, versatile and lightweight, these tools are the perfect companion to our industry leading holemaking and power tool accessory products. With this winning combination you will achieve optimum performance on the job, day in and day out.

MADE FOR THE TRADE!™

# PROVL™

LITHIUM-ION POWER TOOLS

When it comes to making holes on the jobsite, electrical contractors reach for Greenlee's power tool accessories to get the job done – whether it be our Nail Eater® Auger Bits, Drill/Tap Bits, Kwik Stepper® Bits, Spade Bits, D'Versibit® System or our QuickChange Hole Saws.



Now you can get optimum performance from our already highly-reputable holemaking and power tool accessories with Greenlee's new line of battery power tools. These power tools are compact, lightweight and cordless, yet powerful, heavy-duty and ergonomically-designed for working in tight spaces like panel boxes.

Our power tools are powered by second-generation Cobalt Lithium-Ion batteries, which provide lower internal resistance than traditional Lithium-Ion batteries and store more amp hours than most of the competitors' batteries – meaning more work can be done with one charge.

So now is the time to get your hands on Greenlee! Choose from our 3.6V screwdriver; 14.4V drill/driver, circular saw or rotary hammer drill/driver; 21.6V drill/driver and hammer drill/driver; or the very strong 28.8V heavy-duty rotary hammer. Each tool is powered with the proper voltage to meet the tool's requirements, which gives electrical contractors the right amount of power and flexibility for just about any jobsite application.

WARRANTY  
GARANTIE  
GARANTÍA

**3** YEAR  
ANS  
AÑO

Limited Warranty  
Garantie limitée  
Garantía Limitada



## PRODUCT LINE-UP



LSD-36  
**3.6v**  
Lithium-Ion



LDD-144  
**14.4v**  
Lithium-Ion

AVAILABLE ALSO  
IN LDS-144 COMBO KIT

*The Right Tool for the Job. The Right*



LDD-216  
**21.6v**  
Lithium-Ion



LHD-216  
**21.6v**  
Lithium-Ion



LRH-144  
**14.4v**  
Lithium-Ion

# Best Battery for the Tool.



## Increased productivity with higher amp hours

Our batteries have a higher amp hour rating than most of our competitors'.  
**2.8 amp hours v. 2.4 amp hours**

## Faster Charge Time

Keeps your tools working!

## Battery Cell Monitoring

Lengthens battery life by preventing damage to cells.

## Cobalt Lithium-Ion Battery System



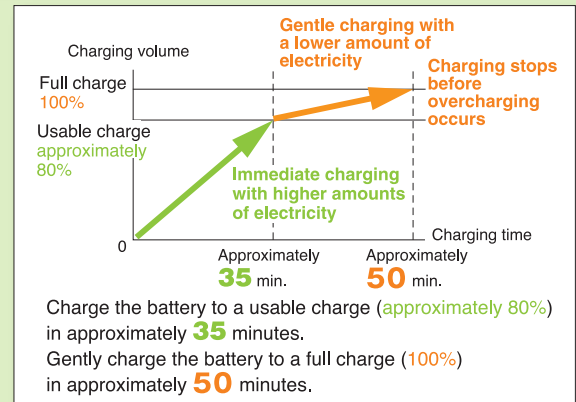
### Individual Battery Cell Monitoring

Each cell in the battery is monitored for charge level. The sensors prevent the charger from overcharging any cell, and they shut off the tool if any cell is in danger of being over discharged.

### Battery Temperature Sensor

During heavy use, a battery can become hot. If this happens, a sensor in the battery cuts off power to the tool before any damage to the battery occurs.

## 2-Stage Charging System



To minimize battery charging time, Greenlee chargers use a 2-stage charging method. A high charge rate is used to quickly charge the battery to 80%, a usable state. The charge rate is decreased for the remaining 20% to make sure that the battery isn't subjected to life shortening overcharging.

## 2 Chargers



3.6V

14.4V - 28.8V

LRH-288

**28.8v**  
Lithium-Ion

LCS-144

**14.4v**  
Lithium-Ion

AVAILABLE ALSO  
IN LDS-144 COMBO KIT

# LCS-144

AVAILABLE ALSO IN  
LDS-144  
COMBO KIT

## Electrician's Metal Cutting Circular Saw

**14.4v**  
Lithium-Ion

The Greenlee circular saw is designed primarily to cut metal—almost any metal. This includes conduit, strut, and threaded rod. Plus, the blade doesn't leave burrs, so chasing threads or filing the edges isn't needed. The full surround blade guard contains most of the chips, and with its compact size, it will work where larger saws can't. It even has a LED work light so you can make straight cuts in dark locations.

- 1 High capacity battery: 14.4V LI-ION
- 2 Rotating speed: 3,600 rpm
- 3 Blade size: Outer diameter 5-3/8"  
Arbor size: 20mm
- 4 Adjustable cutting depth up to 1-13/16"
- 5 Electric brake
- 6 Charging time (using LBC-81B charger):  
Usable: 35 minutes • Full: 50 minutes
- 7 3-way chip control system (vacuum cleaner, chip case or eject from rear of tool)
- 8 Shaft lock for easy blade replacement
- 9 Electronic performance monitoring system maximizes battery life
- 10 Electric brake stops the blade instantaneously
- 11 LED work light



**INCLUDES:** (1) 14.4V Metal Cutting Circular Saw with LCS-M13C Metal Blade, (2) 14.4V Lithium-Ion Compact Batteries, (1) 14.4V – 28.8V Battery Charger, (1) Carrying Case

### Also Available



**LCS-W13A**  
CARBIDE-TIPPED  
WOOD CIRCULAR  
SAW BLADE - 5-3/8"  
(REGULAR)



**LCS-W13B**  
CARBIDE-TIPPED  
WOOD CIRCULAR  
SAW BLADE - 5-3/8"  
(THIN)



**LCS-M13C**  
CARBIDE-TIPPED  
METAL CIRCULAR  
SAW BLADE - 5-3/8"  
(REGULAR)



**LCS-M13D**  
CARBIDE-TIPPED  
METAL CIRCULAR  
SAW BLADE - 5-3/8"  
(THIN)

**No burrs!**  
Save time on  
the jobsite  
with burr-free  
cutting.



Small and lightweight  
yet powerful.

# LDD-144

AVAILABLE  
ALSO IN LDS-144  
COMBO KIT

1/2" LI-ION Electrician's Drill/Driver

**14.4v**  
Lithium-Ion

This drill/driver is small and light. It is easy to carry around and easy to fit into tight spaces. Yet, with its 14.4V LI-ION battery, it has enough power to drive Greenlee's top performing Self-Feeding spade bits—up to 42 holes in 1-1/2" wood with a 7/8" bit. With 18 clutch settings, it can be set to drive just about any screw properly.

- 1 High capacity battery: 14.4V LI-ION
- 2 High power: 390 in-lb
- 3 Variable speed / reversible: Low: 60-400 rpm • High: 200-1350 rpm
- 4 Clutch torque: 4.4 to 39.0 in-lb, 18 stages (2 in-lb per stage)
- 5 1/2" Heavy-duty keyless chuck
- 6 Charging time (using LBC-81B charger):  
Usable: 35 minutes • Full: 50 minutes
- 7 Over molded grip for comfort
- 8 Electronic trigger provides longer life compared to a mechanical trigger
- 9 Electronic performance monitoring system maximizes battery life
- 10 Belt hook

**INCLUDES:** (1) 14.4V Drill/Driver, (2) 14.4V Lithium-Ion Compact Batteries,  
(1) 14.4V – 28.8V Battery Charger, (1) Carrying Case



**WEIGHS ONLY  
3.5 LBS.**



## LDS-144 COMBO KIT

**INCLUDES:**

- (1) LDD-144 Drill/Driver
- (1) LCS-144 Metal Cutting Circular Saw
- (2) 14.4V Lithium-Ion Compact Batteries
- (1) 14.4V – 28.8V Battery Charger
- (1) Heavy-Duty Multi-Pocket Bag



# LDD-216

## 1/2" LI-ION Electrician's Drill/Driver

**21.6v**  
Lithium-Ion

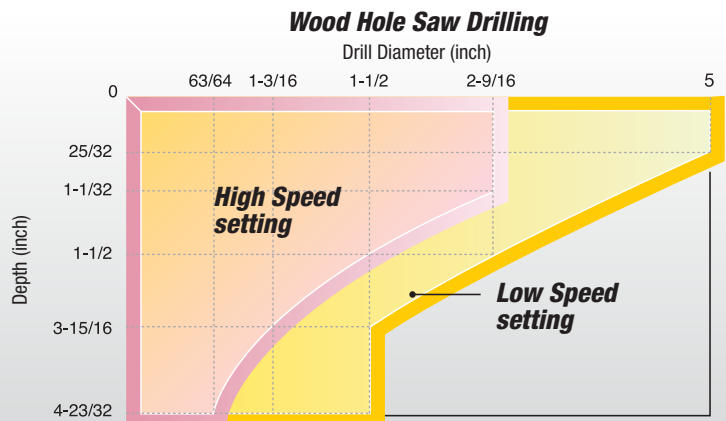
This drill/driver is a rugged workhorse for day after day heavy-duty drilling, yet at 5.4 pounds it is one of the lightest drills in its class. The high capacity 21.6V LI-ION battery delivers plenty of power to drill up to 139 holes 3/4" diameter in 1-1/2" wood. It includes an accessory handle for better control, and it features an 18 stage clutch so you can drive screws to just the right torque.

- 1 High capacity battery: 21.6V LI-ION
- 2 High power: 575 in-lb
- 3 Variable speed / reversible: Low: 100-400 rpm • High: 350-1500 rpm
- 4 Clutch torque: 8.8 to 61.0 in-lb (3.0 in-lb. per stage), 18 stages
- 5 1/2" Heavy-duty keyless chuck
- 6 Charging time (using LBC-81B charger): Usable: 45 minutes • Full: 60 minutes
- 7 Over molded grip for comfort
- 8 Electronic trigger provides longer life compared to a mechanical trigger
- 9 Electronic performance monitoring system maximizes battery life
- 10 360° side handle for better leverage
- 11 LED work light
- 12 Rugged all-metal gear system
- 13 Fan-cooled motor for long life

**INCLUDES:** (1) 21.6V Drill/Driver, (2) 21.6V Lithium-Ion Compact Batteries, (1) 14.4V – 28.8V Battery Charger, (1) Carrying Case



### Variable Speed – High & Low Performance





# LHD-216

## 1/2" LI-ION Electrician's Hammer Drill/Driver

**21.6v**  
Lithium-Ion

The LHD-216 provides the same heavy-duty drilling and bit driving performance as the LDD-216 drill/driver, plus it offers the hammer function for drilling up to 1/2" holes in masonry and up to 5" holes in plywood. It is truly a multi-purpose tool. Turn the chuck collar to any of the 18 clutch positions for bit driving, or to the drilling or the hammer drill position. Yet with all of these functions, it only weighs 5.6 pounds.

- 1 High capacity battery: 21.6V LI-ION
- 2 Variable speed / reversible: Low: 100-400 rpm • High: 350-1500 rpm
- 3 High speed masonry drilling: 1,500 rpm / 27,000 bpm
- 4 Blows per minute: Low: 1,800-7,200 bpm • High: 6,300-27,000 bpm
- 5 Clutch torque: 8.8 to 61.0 in-lb (3.0 in-lb per stage, maximum torque at drilling position is stage 16), 18 stages
- 6 1/2" Heavy-duty keyless chuck
- 7 Over molded grip for comfort
- 8 360° side handle for better leverage
- 9 Electronic performance monitoring system provides longer battery life
- 10 Charging time (using LBC-81B charger): Usable: 45 minutes • Full: 60 minutes
- 11 LED work light
- 12 Rugged all-metal gear system
- 13 Fan-cooled motor for long life

**INCLUDES:** (1) 21.6V Drill/Driver, (2) 21.6V Lithium-Ion Compact Batteries, (1) 14.4V – 28.8V Battery Charger, (1) Carrying Case



### Gear System and Motor Capable of Withstanding Tough Continuous Work!

**More Up Time • Longer Lasting • Higher Quality**



#### All-Metal Gear System

The use of metal gears for switching between high- and low-speed operation reduces part wear and offers superior durability compared to plastic gears, decreasing the frequency of tool breakdowns.



#### Fan-Cooled Ventilated Motor

The use of a 21.6V high-power Lithium-Ion battery and a motor with high cooling efficiency helps keep the motor temperature low even during tough work, making the drill well suited to use in repetitive tasks.



# LRH-144

## Electrician's 1/2" SDS-plus Rotary Hammer Drill/Driver

**14.4V**  
Lithium-Ion

With this one tool, you can do a complete concrete anchor installation. In the hammer mode, you can use a SDS masonry bit to drill the anchor hole. Then you can change to the drilling mode and use the included bit adapter to drive the screw into the anchor. Plus the LRH-144 has 5 clutch settings so you can use just the right amount of torque for the screw. The 14.4V LI-ION battery provides plenty of power to drill up to 12 holes of 1/2" diameter x 1-1/2" deep in concrete.

- 1 High capacity battery: 14.4V LI-ION
- 2 Hammering force: 21.6 kN
- 3 Blow rate per minute (rotation with hammering): 0-3,800 bpm
- 4 Speed at no-load (rotation only): 0-1,000 rpm
- 5 Clutch torque: 13 to 48.7 in-lb (5 stages - 8.8 in-lb per stage)
- 6 3/4" SDS-plus bit system
- 7 Ergonomic soft rubber grip for stress reduction
- 8 Electronic performance monitoring system provides longer battery life
- 9 Charging time (using LBC-81B charger):  
Usable: 35 minutes • Full: 50 minutes
- 10 Dust-proof switch ensures long life
- 11 Adapter for hex shank bits

**INCLUDES:** (1) 14.4V Rotary Hammer Drill/Driver, (2) 14.4V Lithium-Ion Compact Batteries, (1) 14.4V - 28.8V Battery Charger, (1) Carrying Case, (1) Shoulder Strap, (1) Bit Adapter



**Air-Coupling Hammer Mechanism provides quick hole drilling in hard concrete!**

**Large cooling fan**

**Dust-protected switch**

Covered in rubber to protect against dust, which may cause problems to the switch.

**Air System Hammer**

Power is effectively output by using compressed air to power the piston.

# LRH-288

## Electrician's 3/4" SDS-plus Rotary Hammer

**28.8V** Lithium-Ion This is one tough rotary hammer. With its magnesium gear case housing that provides excellent heat dispersal and its cooling fan that flows air around the gear case, it is capable of drilling up to 9/16" diameter holes in concrete continuously. Also, the large cooling fan provides enough air flow to prevent tool-killing dust buildup, and the two-finger trigger is sealed to prevent dust entry. Use the Soft hammer selection for holes up to 3/16" diameter and the Hard hammer selection for holes from 3/16" through 3/4" diameter.



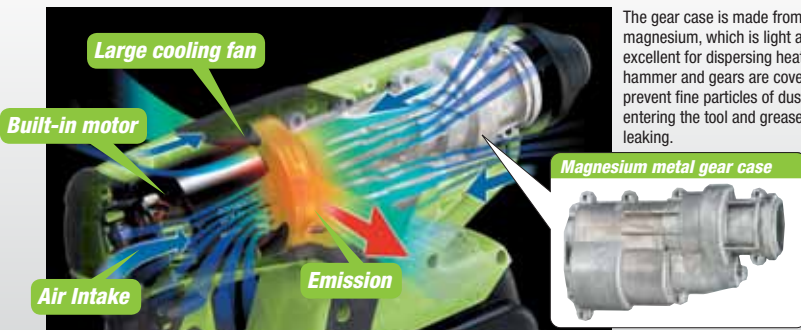
- 1 High capacity battery: 28.8V LI-ION
- 2 Hammering force: 5,300 lbF
- 3 Two speed hammering selection:  
High: 0-4,500 bpm • Low: 0-2,800 bpm
- 4 Two speed drilling selection: variable speed/reversible:  
High: 0-920 rpm • Low: 0-500 rpm
- 5 1" SDS-plus bit system
- 6 Magnesium gear case provides long gear life and heat dispersion
- 7 Ergonomic soft rubber grip for stress reduction
- 8 Electronic performance monitoring system provides longer battery life
- 9 Charging time (using LBC-81B charger):  
Usable: 55 minutes • Full: 70 minutes
- 10 Dust-proof switch ensures long life



**INCLUDES:** (1) 28.8V Rotary Hammer, (2) 28.8V Lithium-Ion Compact Batteries, (1) 14.4V – 28.8V Battery Charger, (1) Carrying Case, (1) Shoulder Strap

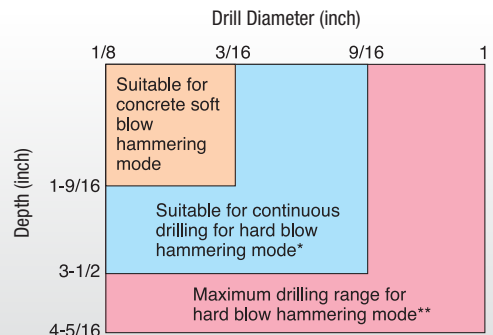
### Cooling/dust-proof design supports continuous use.

Rigorous continuous use is made possible by air flowing through the space between the gear case and the main unit housing. Which, similar to a radiator, cools the entire gear case containing the hammer and gears which become hot from use. A large cooling fan drives the exhaust system to prevent dust buildup.



The gear case is made from magnesium, which is light and excellent for dispersing heat. The hammer and gears are covered to prevent fine particles of dust from entering the tool and grease from leaking.

### Powerful and Tough



\*Continuous drilling range: Range which can drill continuously (room temperature 68° F, drilling at 10 second intervals)

\*\*Hard blow drilling range: Range which you can drill (It is not recommended for continuous drilling over 9/16" dia. x 3-1/2" depth)

# LSD-36

## LI-ION Electrician's Pivoting Drill/Driver

**3.6V**  
Lithium-Ion

This screwdriver can be used to drive a wide variety of screws and to drill small diameter holes. To fit a variety of situations, it can be used as a straight tool or as a pistol style tool. It has 21 clutch stages to precisely provide the right torque for almost any screw, and when the clutch setting is reached, the tool automatically shuts off to save battery and clutch life.

- 1 High capacity battery: 3.6V LI-ION
- 2 2 speed reversible: Low: 200 rpm • High: 600 rpm
- 3 Clutch torque: 2.7 to 25.7 in-lb (0.9 in-lb per stage) 21 stages
- 4 1/4" Hex quick change chuck
- 5 Charging time (using LBC-10B charger):  
Usable: 15 minutes • Full: 30 minutes
- 6 Maximum drill diameter: In metal 13/64"
- 7 Maximum screw driving: Wood screws 5/32" diameter x 1-1/2"
- 8 Powerful maximum torque:  
Low speed: 39.0 in-lb • High speed: 13.3 in-lb
- 9 Anti-slip rubber grip to maintain a better grip
- 10 LED work light



Intertek  
3193286

**INCLUDES:** (1) 3.6V Drill/Driver, (2) 3.6V Lithium-Ion Compact Batteries,  
(1) 3.6V Battery Charger



# PRO-VL ACCESSORY GUIDE



	GREENLEE PRODUCT	SIZE RANGE	LSD-36	LDD-144	LDD-216	LHD-216
<b>STEEL</b>	Combination Drill/Tap Bits	ALL	✓	✓	✓	✓
	Kwik Stepper® Step Bits	1/8" to 1-3/8"		✓	✓	✓
	Bi-Metal Hole Saws	9/16" to 7/8"		✓	✓	✓
	Bi-Metal Hole Saws	9/16" to 6"			✓	✓
	Ultra Cutter	7/8" to 2-1/2"		✓	✓	✓
	Twist Drill Bits *	1/16" to 1/2"		✓	✓	✓
	Drill Saw Bits *	1/8" to 1/2"		✓	✓	✓
<b>STAINLESS STEEL</b>	Quick Change Stainless Steel Hole Cutters	5/8" to 2"		✓	✓	✓
	Carbide-Tipped Hole Cutters	3/4" to 1-1/2"		✓	✓	✓
	Carbide-Tipped Hole Cutters	1-3/4" to 2-1/2"			✓	✓
	Twist Drill Bits *	1/16" to 1/2"		✓	✓	✓
<b>WOOD</b>	Nail Eater® RT Auger Bit	7/8" to 1"		✓	✓	✓
	Nail Eater® Extreme Auger Bit	5/8" to 1-1/4"		✓	✓	✓
	Kwik Stepper® Step Bits	1/8" to 1-3/8"		✓	✓	✓
	Bi-Metal Hole Saws	9/16" to 7/8"		✓	✓	✓
	Bi-Metal Hole Saws	9/16" to 6"			✓	✓
	Self-Feeding Spade Bits	3/8" to 1"		✓	✓	✓
	Recessed Light Hole Saws	4-3/8" to 6-7/8"		✓	✓	✓
	D'VersiBIT® System	3/16" to 1"		✓	✓	✓
	Stubby Auger Wood Bits	5/8" to 1"		✓	✓	✓
	Long Auger Wood Bits	11/16" to 15/16"		✓	✓	✓
	Twist Drill Bits *	1/16" to 1/2"		✓	✓	✓
	Drill Saw Bits *	1/8" to 1/2"		✓	✓	✓
	Installer Bits *	3/16" to 3/4"		✓	✓	✓
<b>ALUMINUM</b>	Combination Drill/Tap Bits	ALL	✓	✓	✓	✓
	Kwik Stepper® Step Bits	1/8" to 1-3/8"		✓	✓	✓
	Bi-Metal Hole Saws	9/16" to 7/8"		✓	✓	✓
	Bi-Metal Hole Saws	9/16" to 6"			✓	✓
<b>FIBERGLASS &amp; PLASTIC</b>	Bi-Metal Hole Saws	9/16" to 7/8"		✓	✓	✓
	Bi-Metal Hole Saws	9/16" to 6"			✓	✓
	Kwik Stepper® Step Bits	1/8" to 1-3/8"		✓	✓	✓
	Carbide-Grit Hole Saws	7/8" to 4-1/2"		✓	✓	✓
	Twist Drill Bits *	1/16" to 1/2"		✓	✓	✓
Installer Bits *	3/16" to 3/4"		✓	✓	✓	
<b>METAL STUDS</b>	Ultra Cutter	7/8" to 2-1/2"		✓	✓	✓
	Twist Drill Bits *	1/16" to 1/2"		✓	✓	✓
	Installer Bits *	3/16" to 3/4"		✓	✓	✓

	GREENLEE PRODUCT	SIZE RANGE	LSD-36	LDD-144	LDD-216	LHD-216
<b>DRYWALL &amp; CEILING TILE</b>	Self-Feeding Spade Bits	3/8" to 1"		✓	✓	✓
	Recessed Light Hole Saws	4-3/8" to 6-7/8"		✓	✓	✓
	Quick Cutter™ Hole Saws	2-1/2" to 7"		✓	✓	✓
	Twist Drill Bits *	1/16" to 1/2"		✓	✓	✓
	Drill Saw Bits *	1/8" to 1/2"		✓	✓	✓
	Installer Bits *	3/16" to 3/4"		✓	✓	✓
<b>HARDY BOARD &amp; CEMENT BOARD</b>	Carbide-Grit Hole Saws	7/8" to 4-1/2"		✓	✓	✓
	Twist Drill Bits *	1/16" to 1/2"		✓	✓	✓
	Installer Bits *	3/16" to 3/4"		✓	✓	✓
<b>MISC.</b>	Glass/Tile Bits *	1/8" to 1/2"	✓	✓	✓	✓

	GREENLEE PRODUCT	SIZE RANGE	LRH-144	LHD-216	LRH-288
<b>MASONRY BITS</b>	1/4" SDS Bit *	3/16" to 3/4"	✓		✓
	1/4" SDS Plus Bit	5/32" to 3/4"	✓		✓
	Hex Drill Bit	3/16" to 3/4"		✓	

\* Denotes a product that is not available through Greenlee that will work with the indicated Greenlee power tool.

## GREENLEE PRODUCT - LCS-144

<b>5-3/8" METAL BLADES</b>	10 Gage Steel	
	Channel Strut (1-5/8")	
	Conduit (Rigid, EMT, IMC) (1-1/4")	
	Threaded Rod (1-1/4")	
<b>Metal Blade</b>		
<b>5-3/8" WOOD BLADES</b>	Blockboard	
	Oak • Pine • Mahogany Cherry • Beech	
	MDF & HDF Fiberboard	
	Plywood, Chipboard, Hardboard	
<b>Wood Blade</b>		



Kwik Stepper® Step Bits

Nail Eater® RT

Bi-Metal Hole Saws

Self-Feeding Spade Bits

Combination Drill/Tap Bits

Nail Eater® Extreme

D'VersiBIT® System

Ultra Cutters

SDS+ Masonry Bits

Hex Quick Change Masonry Bits

## Ordering Information

Cat No.	UPC	Description	Qty
LCS-144	95936	METAL CUTTING CIRC SAW KIT - 14.4V	1
LDD-144	95934	DRILL/DRIVER KIT - 14.4V	1
LDD-216	95937	DRILL/DRIVER KIT - 21.6V	1
LDS-144	05098	COMBO KIT (DRILL & SAW)	1
LHD-216	95938	HAMMER DRILL/DRIVER KIT - 21.6V	1
LRH-144	95935	ROTARY HAMMER DRILL DRIVER KIT - 14.4V	1
LRH-288	95939	ROTARY HAMMER KIT - 28.8V	1
LSD-36	95940	SCREWDRIVER / DRILL - 3.6V	1
LBC-10B	95951 <b>R</b>	BATTERY CHARGER - 2.4-3.6V (PT)	1
LBC-81B	95945 <b>R</b>	BATTERY CHARGER - 7.2-28.8V (PT)	1
LBP-36	95950 <b>R</b>	LI-ION BATTERY - 3.6V (PT)	1
LBP-144	95942 <b>R</b>	LI-ION BATTERY - 14.4V (PT)	1
LBP-216	95943 <b>R</b>	LI-ION BATTERY - 21.6V (PT)	1
LBP-288	95944 <b>R</b>	LI-ION BATTERY - 28.8V (PT)	1
LCS-M13C	95946 <b>R</b>	BLADE, METAL CIRC SAW - 5-3/8" REG	1
LCS-M13D	95947 <b>A</b>	BLADE, METAL CIRC SAW - 5-3/8" THIN	1
LCS-W13A	95948 <b>A</b>	BLADE, WOOD CIRC SAW - 5-3/8" REG	1
LCS-W13B	95949 <b>A</b>	BLADE, WOOD CIRC SAW - 5-3/8" THIN	1

**R** = REPLACEMENT PART    **A** = ACCESSORY



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to watch a video about Greenlee's  
PRO-VL Lithium-Ion Power Tools.



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