Makita XSC01Z

Makita XSC01Z 18V LXT Lithium-Ion Cordless 5-3/8" Metal Cutting Saw

Brand: Makita | Model: XSC01Z

Product Overview

The Makita 18V LXT Lithium-Ion cordless 5-3/8-inch metal cutting Saw delivers cordless cutting power to the jobsite. The XSC01Z has a Makita-built high-torque motor and a compact design for a range of cutting applications in a variety of metal materials. The XSC01Z features a Makita-built high-torque motor that produces 3,400 RPM for faster metal cutting through unistrut, all thread, channel, corrugated, conduit, pipe, sheet metal, square tubing, steel and more.



Figure 1: The Makita XSC01Z 18V LXT Lithium-Ion Cordless 5-3/8" Metal Cutting Saw, shown without battery.

Key Features

- Makita-built motor delivers 3,600 RPM for faster cutting in a wide range of metals.
- Compact, ergonomic design at 13-3/4" Long and weighs only 5.7 lbs. for reduced operator fatigue.
- Built-in L.E.D. Light illuminates the work area.
- Soft grip handle provides increased comfort on the job.
- LXT Lithium-Ion battery and Rapid optimum charger produces 430% Total lifetime work with 3x more cycles.

Setup and Assembly

Battery Installation

The Makita XSC01Z is a bare tool and requires an 18V LXT Lithium-Ion battery (sold separately). To install the battery, align the battery pack with the receptacle on the tool handle and slide it in until it clicks into place. Ensure the battery is fully seated and locked before operation.

For optimal performance and safety, always use genuine Makita LXT Lithium-Ion batteries and chargers. Non-genuine batteries may pose risks including fire, personal injury, or property damage.



Figure 2: Important safety warning regarding the use of non-genuine batteries with Makita tools.

Blade Installation

The saw comes with a 5-3/8" 30T Carbide-Tipped Saw Blade (A-95037). Refer to the detailed user guide for specific instructions on safely installing and replacing the saw blade. Always ensure the tool is disconnected from its power source (battery removed) before performing any maintenance or blade changes.

Operating Instructions

General Operation

Before starting, ensure your work area is clear and well-lit. Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection. The built-in LED light will illuminate the cutting line for improved visibility.

Cutting Metal

The Makita XSC01Z is designed for cutting various metal materials such as unistrut, all thread, channel, corrugated, conduit, pipe, sheet metal, and square tubing. Position the material securely before cutting. Apply steady, even pressure and allow the saw to do the work. Avoid forcing the blade through the material, as this can lead to kickback or damage to the blade and tool.

The Makita LXT system provides advanced power management and faster charging capabilities for extended use.



Figure 3: The LXT Advantage highlights key benefits of the Makita LXT Lithium-Ion system, including optimized charging and motor efficiency.



Figure 4: Overview of faster charging times for different Makita LXT battery capacities.

Maintenance and Care

- **Cleaning:** Regularly clean the tool's ventilation openings and housing with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Blade Inspection:** Inspect the saw blade before each use for any signs of damage, dullness, or missing teeth. Replace damaged blades immediately.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Do not store fully discharged batteries for extended periods.
- **Storage:** When not in use, store the saw in a secure, dry location out of reach of children.

Troubleshooting Guide

Problem	Possible Cause	Solution
Saw does not start	Battery not charged or improperly installed.	Ensure battery is fully charged and correctly inserted.

Problem	Possible Cause	Solution
Reduced cutting performance	Dull or damaged blade; incorrect blade for material.	Replace blade; ensure correct blade type for metal cutting.
Excessive vibration or noise	Loose blade; damaged internal components.	Check blade tightness; if problem persists, contact service.

For more complex issues, please refer to the full user manual or contact Makita customer support.

Technical Specifications

Specification	Value
Brand	Makita
Model Number	XSC01Z
Power Source	Battery Powered (18V LXT Lithium-Ion)
Blade Material	Metal, Steel
Surface Recommendation	Metal
Included Components	5-3/8" 30T C.T. Saw Blade (A-95037), Bare Tool
Product Dimensions	13.9"L x 9.37"W x 9.69"H
Voltage	18 Volts
Item Weight	5.7 lbs (Tool Only)
Speed	3,600 RPM
Blade Length	5-3/8 Inches
Number of Teeth	30
Cutting Angle	90 Degrees

Warranty and Support

Warranty Information

This Makita product comes with a Limited Warranty. Please refer to the official Makita warranty statement included with your product packaging or visit the Makita website for full details on coverage and terms.

Customer Support

For any questions, technical assistance, or service inquiries, please contact Makita customer support:

- **Phone:** (800) 4-MAKITA (800-462-5482)
- **Online:** Visit the official Makita website for FAQs, service center locators, and contact forms.
- **User Guide:** A comprehensive user guide is available for download:Makita XSC01Z User Guide (PDF)

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