Bosch CM10GD

BOSCH CM10GD 10 Inch Dual-Bevel Sliding Glide Miter Saw Instruction Manual

Introduction

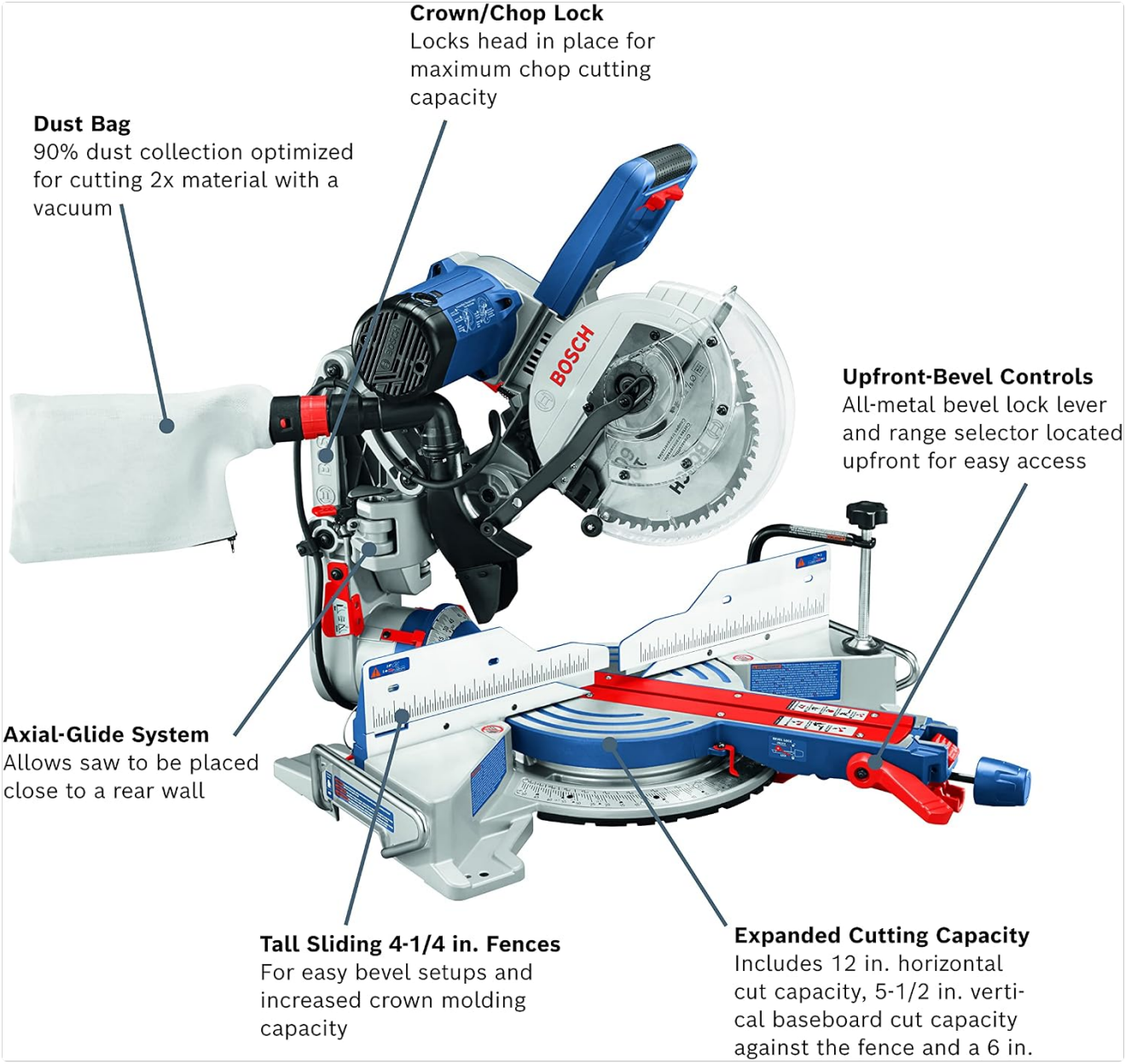
The Bosch CM10GD 10 In. Dual-Bevel Glide miter saw provides accuracy and cutting control at all angles. Its innovative Axial-Glide System offers wider cross-cuts, enhanced alignment, and smoother glide, while its compact design reduces front-to-back workspace requirements. Powered by a 15 Amp motor delivering 4,800 no-load RPM, this saw handles various cutting tasks efficiently. Adjustable miter and bevel detents, along with an override feature, allow for precise angle adjustments. The bevel lock lever and range selector are conveniently located upfront for easy access.

Safety Information

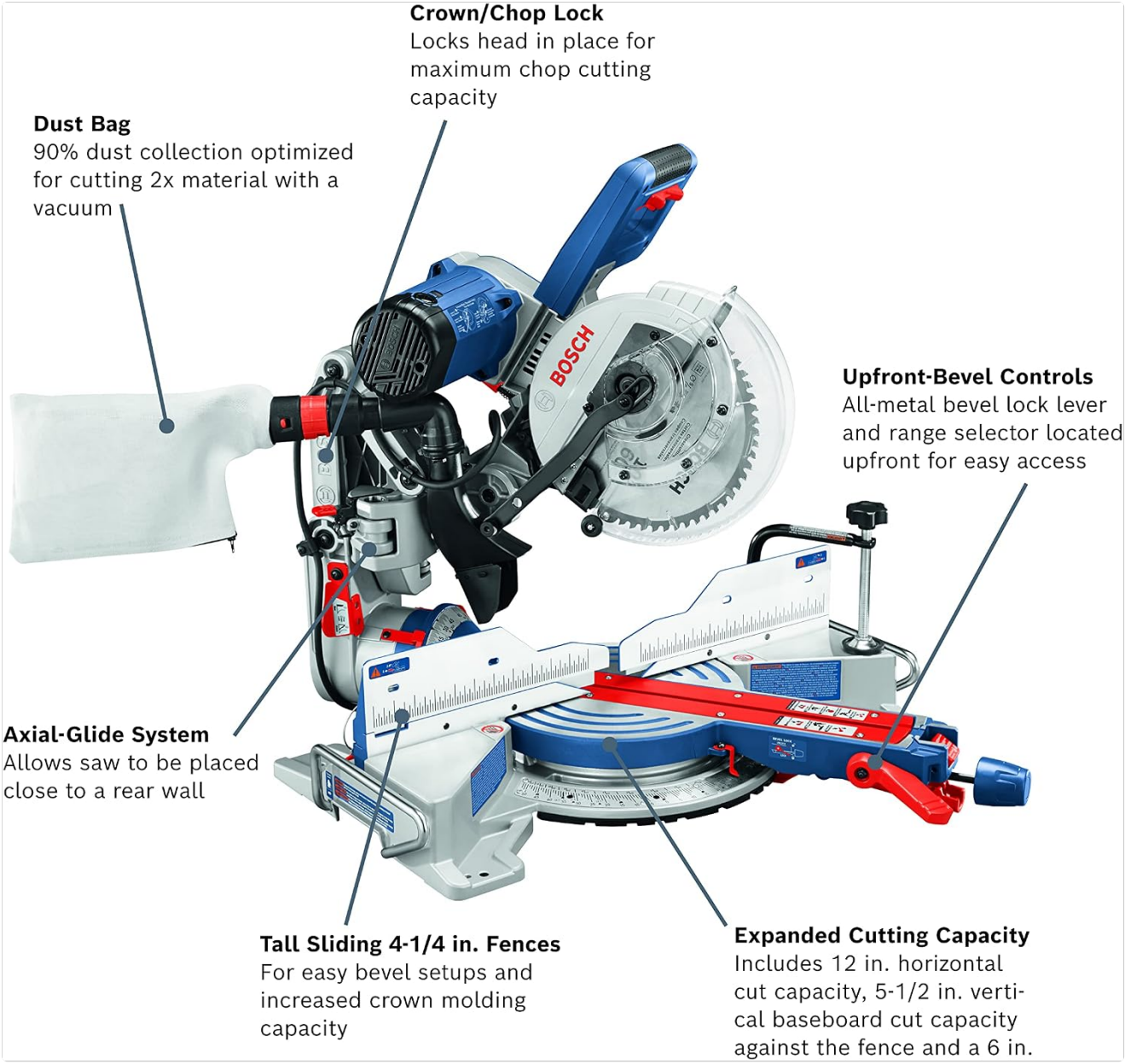
Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury. Keep all warnings and instructions for future reference. Always wear appropriate personal protective equipment, including eye protection, hearing protection, and a dust mask. Ensure the workpiece is securely clamped before cutting. Never reach into the blade area while the saw is operating or connected to power. Disconnect power before making any adjustments or changing accessories.

Product Overview

The BOSCH CM10GD miter saw features a robust design for precision and durability. Key components include the Axial-Glide System, upfront bevel controls, and a powerful 15 Amp motor.



This image displays the complete BOSCH CM10GD miter saw, highlighting its compact design and key operational areas.



Detailed view of the BOSCH CM10GD miter saw with labels pointing to its main features: the Axial-Glide System for smooth operation, upfront bevel controls for easy adjustments, a crown/chop lock for maximum cutting capacity, a dust bag for collection, tall sliding fences for support, and an expanded cutting capacity.

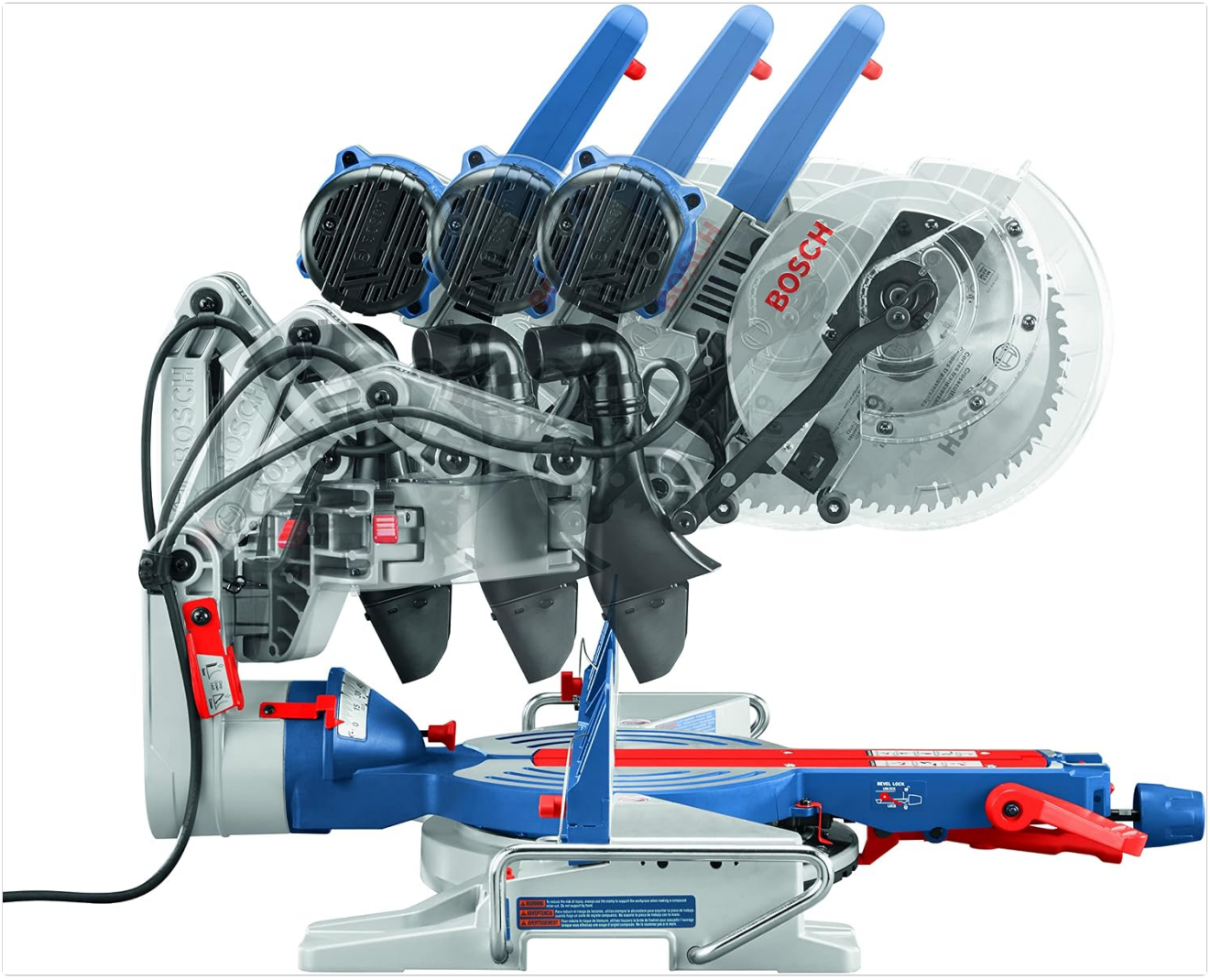
This official product video from Bosch demonstrates the key features and benefits of the CM10GD miter saw, including its Axial-Glide system, cutting capacities, and user-friendly controls.

Key Features

- **ACCURACY:** The Bosch-exclusive Axial-Glide System allows wider cross cuts and better alignment.
- **CONVENIENCE:** Features large, upfront metal bevel controls and Squarelock precision fences for precise, quick, and easy adjustments. Complete with dust collection chute and vacuum adapter for easy cleanup.
- **CONTROL:** This miter saw provides accuracy and cutting control at all angles. Crown chop lock locks head in place for maximum chop cutting capacity for upright base molding and nested crown.
- **COMPACT:** Features a compact design that replaces the sliding rail system, taking up to 10 In. less workspace than a slide miter saw. Ideal for tight quarters.
- **COMFORT:** Large, form-fitting ergonomic ambidextrous trigger handle with soft grip provides maximum comfort for all-day use, while the clear lower guard allows for unobstructed visibility throughout the cutting job.

Setup

Before initial use, ensure the saw is placed on a stable, level surface. Unpack all components and verify against the included parts list. Attach any accessories such as the dust bag or vacuum adapter. Perform initial calibration checks for miter and bevel angles to ensure accuracy. Refer to the detailed instructions in the manual for specific assembly steps.



This image shows the unique Axial-Glide System of the miter saw, illustrating how the arm articulates smoothly without requiring rear clearance, which is beneficial for setup against a wall.

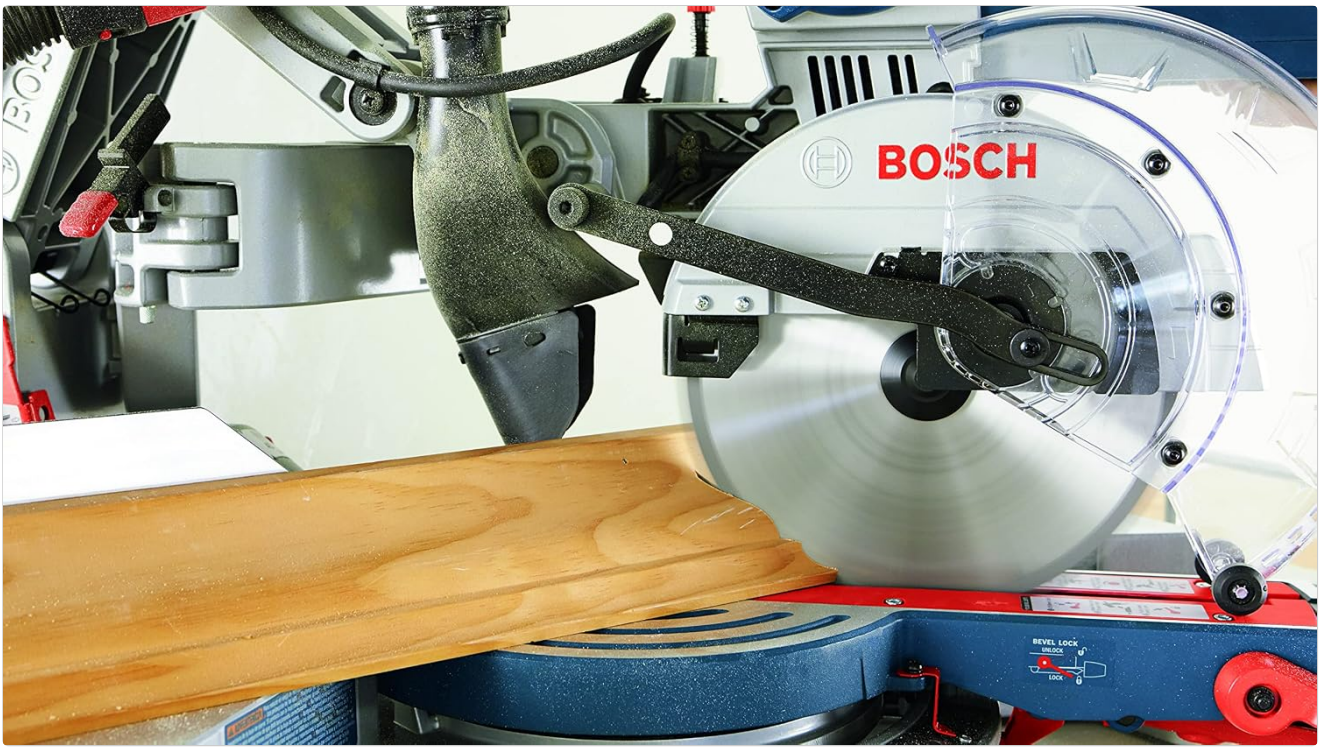
Operating Instructions

Making Miter Cuts

To make a miter cut, loosen the miter lock knob and rotate the turntable to the desired angle. The saw features positive stops at common angles for quick selection. Tighten the miter lock knob securely before cutting. Place the workpiece firmly against the fence and table. Lower the blade slowly and steadily through the material.

Making Bevel Cuts

For bevel cuts, use the upfront bevel controls. Release the bevel lock lever and adjust the saw head to the required bevel angle. The saw can bevel both left and right. Secure the bevel lock before operating. Ensure the workpiece is properly supported and clamped.



This image shows the miter saw in operation, with a user making a precise cut on a wooden workpiece. The clear blade guard provides visibility of the cutting line.



A close-up view of the saw blade actively cutting through wood, demonstrating the saw's cutting action and the precision of the blade.

Maintenance

Regular maintenance ensures optimal performance and extends the life of your miter saw. Keep the saw clean, especially the Axial-Glide System and the blade area. Periodically check and tighten all fasteners. Inspect the power cord for any damage. For dust management, regularly empty the dust bag or connect a vacuum to the dust collection port.

Dust Collection

The integrated dust collection chute and included dust bag help manage sawdust. For improved dust extraction, connect a shop vacuum to the vacuum adapter. Ensure the dust bag is emptied regularly to maintain efficiency.



This image highlights the dust bag attached to the miter saw, illustrating the saw's dust collection feature for a cleaner workspace.

Troubleshooting

Common Issues and Solutions

- **Saw not starting:** Check power connection, ensure the trigger lock is disengaged, and verify the circuit breaker.
- **Inaccurate cuts:** Verify miter and bevel settings are locked. Check blade for damage or dullness. Ensure the workpiece is securely clamped.
- **Excessive dust:** Empty the dust bag or check the vacuum connection for obstructions. Ensure the dust chute is clear.
- **Blade binding:** Reduce feed rate. Ensure the workpiece is properly supported and not twisting. Check for warped material.

Specifications

Feature	Specification
Brand	Bosch
Model Number	CM10GD
Power Source	Corded Electric
Voltage	120 Volts
Amperage	15 Amp
Speed	4800 RPM

Feature	Specification
Blade Length	10 Inches
Number of Teeth	60
Cutting Angle	90 Degrees
Product Dimensions	32"L x 26.5"W x 20.5"H
Item Weight	64 Pounds
Included Components	(1) 10 In. 60-Tooth Carbide-Tipped Saw Blade, (1) Wrench, (1) Work Clamp, (1) Dust Bag, (1) Vacuum adapter/elbow
Warranty Type	Limited warranty

Warranty Information

The BOSCH CM10GD Miter Saw comes with a 1-year limited warranty. For detailed terms and conditions, please refer to the warranty card included with your product or visit the official Bosch website.

Customer Support

For technical assistance, parts, or service, please contact Bosch customer support. Visit the official Bosch website for contact information and additional resources.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question