

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating power tools.
Keep this information accessible for all users.

- **Read All Instructions:** Familiarize yourself with the tool's operation and safety guidelines before use.
- **Wear Eye Protection:** Always wear safety goggles or safety glasses with side shields.
- **Wear Hearing Protection:** Use ear protection during extended operation.
- **Secure Workpiece:** Always clamp or otherwise secure the workpiece to prevent movement during cutting.
- **Maintain a Clean Work Area:** Cluttered areas invite accidents.
- **Avoid Dangerous Environments:** Do not use power tools in damp or wet locations, or expose them to rain. Keep work area well lit.
- **Keep Children Away:** All visitors should be kept a safe distance from the work area.
- **Do Not Force Tool:** It will do the job better and more safely at the rate for which it was designed.
- **Use Right Tool:** Do not force small tool or attachment to do the job of a heavy duty tool.
- **Disconnect Tools:** When not in use, before servicing, or when changing accessories, disconnect the tool from its power source.
- **Check for Damaged Parts:** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function.

SETUP

Unpacking and Components

Carefully unpack all items from the packaging. Verify that all components listed below are present and undamaged.



All components included in the Dremel Blueprint Portable Saw Station kit.

Kit Contents:

- 12V Brushless Cordless Compact Saw (CS12V)
- Portable Saw Station

- 12V 2Ah Battery (B816-01)
- 3-3/8" Multi-Material Cutting Blade
- Allen Key
- Fast Charger
- Edge Guide
- Dust Collection Port Adaptor
- 2x4 Guide
- Bevel Risers
- 2 Clamps

Battery Charging

Before first use, fully charge the 12V Lithium-Ion battery using the provided Fast Charger. Insert the battery into the charger until it clicks into place. The charger's indicator light will show charging status.



The 12V battery provides cordless power for the saw.

Saw Station Assembly and Blade Installation

The Portable Saw Station is designed for fast set-up. Unfold the station and ensure it is stable on a flat surface. Install the 3-3/8" multi-material cutting blade onto the compact circular saw using the Allen key. Refer to the saw's specific instructions for detailed blade changing procedures.



Adjusting the angle guide for precise cuts on the saw station.



The compact circular saw securely mounted on the portable saw station.

Your browser does not support the video tag.

Official product video demonstrating the features and quick setup of the Dremel Blueprint Portable Saw Station.

OPERATING INSTRUCTIONS

Making Cuts

The Dremel Portable Saw Station allows for various types of cuts, including miter, bevel, straight, and rip cuts. Always ensure the workpiece is securely clamped to the saw station before initiating a cut.



The Dremel Portable Saw Station supports four primary cutting methods.

- **Straight Cuts:** Position the workpiece against the main fence. Use the integrated guide rails for smooth, straight cuts.
- **Miter Cuts:** Adjust the saw station's angle guide to the desired miter angle. Secure the workpiece and guide the saw along the rail.
- **Bevel Cuts:** Adjust the saw blade's bevel angle as per the saw's instructions. Use the bevel risers if needed for material clearance.
- **Rip Cuts:** Utilize the edge guide to maintain a consistent width for rip cuts.
- **2x4 Cutting Guide:** For quick cuts through 2x4 material, simply clamp the 2x4 guide onto the material and ride the saw along the guide. This allows for multi-pass cuts on thicker stock.

Integrated Alignment Laser

The compact circular saw features an integrated alignment laser. This laser projects a line onto your workpiece, allowing you to visualize your cut path instantly and ensure accuracy before cutting. Always verify the laser alignment with a test cut on scrap material.



The integrated laser provides a clear visual guide for precise cuts.

Dust Collection

Attach the dust collection port adaptor to the saw's dust port and connect it to a shop vacuum or dust collection system. This will help keep your work area clean and improve visibility during cutting.

MAINTENANCE

Cleaning

Regularly clean the saw and saw station to ensure optimal performance and longevity. Disconnect the battery before cleaning. Use a dry cloth or soft brush to remove sawdust and debris. Do not use solvents or harsh chemicals.

Blade Care and Replacement

Inspect the cutting blade before each use for sharpness and damage. A dull or damaged blade can cause kickback and poor cut quality. Replace the blade when it becomes dull or damaged. Always use genuine Dremel replacement blades.

Battery Care and Storage

Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. Do not store the battery fully discharged for extended periods. Charge the battery periodically if not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start.	Battery not charged or improperly inserted.	Ensure battery is fully charged and correctly inserted.
Poor cut quality or saw binds.	Dull or incorrect blade; improper feed rate; workpiece not secured.	Replace blade; adjust feed rate; securely clamp workpiece.
Laser not visible.	Laser obscured by dust or malfunction.	Clean laser aperture; if problem persists, contact support.
Excessive dust.	Dust collection port not connected or clogged.	Connect dust collection system; clear any blockages.

SPECIFICATIONS

Feature	Detail
Brand	Dremel
Model Number	CS12V-S1C
Power Source	Battery Powered (12V Lithium Ion)
Speed	5000 RPM (Single Speed)
Blade Material	Carbide
Blade Length	1 Inches (Note: This might refer to arbor size, actual blade is 3-3/8")
Surface Recommendation	Cuts wood, plastic, soft metals (aluminum, copper, brass)
Special Features	Brushless Motor, Keyed Blade Change, Spindle Lock, Integrated Laser (Class 1, <.39mW (650 nm))
Product Dimensions	10"L x 5"W x 7"H
Item Weight	16.42 pounds
UPC	000346817126

WARRANTY INFORMATION

This Dremel product is covered by a limited warranty. For detailed information regarding warranty coverage, terms, and conditions, please refer to the official User Manual (PDF) provided with your product or visit the official Dremel website.

SUPPORT

For technical assistance, replacement parts, or further inquiries, please contact Dremel Customer Service. You can also find additional resources and FAQs on the official Dremel website.

Official User Manual (PDF): [Download Here](#)

Dremel Official Store: [Visit Store](#)

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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