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> [SIROCCO Dustless Table Saw 8.5" Instruction Manual](#)

SIROCCO M1D-PR-216W-1

SIROCCO Dustless Table Saw 8.5" Instruction Manual

Model: M1D-PR-216W-1

1. INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and setup of your SIROCCO 8.5-inch Dustless Table Saw. Please read and understand all instructions before operating the tool. Retain this manual for future reference.



Image 1.1: Overview of the SIROCCO 8.5-inch Dustless Table Saw. This image displays the complete table saw unit with its main components, including the table, blade guard, fence, and control panel.

2. SAFETY INFORMATION

WARNING: Always follow basic safety precautions to reduce the risk of fire, electric shock, and serious personal injury.

- Wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and a dust mask.
- Ensure the work area is clean, well-lit, and free from obstructions.
- Keep children and bystanders away from the operating area.
- Do not operate the saw in damp or wet conditions.
- Always use the blade guard and other safety features provided.
- Disconnect power before making adjustments, changing blades, or performing maintenance.
- Use push sticks or push blocks when cutting small pieces of material.
- Never reach over or around the saw blade while it is running.
- Ensure the blade is sharp and suitable for the material being cut.
- Securely fasten the workpiece before cutting.

3. PRODUCT FEATURES

- **Powerful Cutting Performance:** Equipped with a 15 AMP, 1800W motor, generating up to 4500 RPM for efficient and precise cuts.
- **Precision Cross Cuts:** Adjustable miter gauge allows for precise cross cuts from 0° to 45°.
- **High-Quality Blade:** Includes an 8-1/2-inch 60-tooth carbide-tipped blade for sharp and clean cuts.
- **Enhanced Safety:** Features an oversized power switch with an emergency off safety cover and a transparent blade guard.
- **Efficient Dust Collection:** U.S. Patented dust collection system achieves a 98.5% dust collection rate.
- **Spacious Working Surface:** A 24" x 19" table surface with a telescoping side table extending up to 22" on the left.

DUSTLESS TABLE SAW

M A C H I N E

SAFER FOR WOOD CUTTING



TRANSPARENT SHIELD



CUTTING GUARD



ON/OFF SAFETY SWITCH

Image 3.1: Key features of the SIROCCO Dustless Table Saw, highlighting the transparent shield, cutting guard, and on/off safety switch.

BUILT-IN VACUUM CLEANER



Image 3.2: Illustration of the built-in vacuum cleaner system, demonstrating the 98.5% saw dust collection rate during operation.

4. SETUP AND ASSEMBLY

Before assembly, ensure all components are present and undamaged. Refer to the included parts list for verification.

4.1 Unpacking and Inspection

1. Carefully remove all contents from the packaging.
2. Inspect the saw and all accessories for any shipping damage. Report any damage immediately to the retailer.
3. Verify that all items listed in the packing list are included.



Image 4.1: All components included with the SIROCCO 8.5-inch Dustless Table Saw, laid out for inspection prior to assembly.

4.2 Blade Installation

1. Ensure the saw is unplugged from the power source.
2. Remove the throat plate and blade guard assembly.
3. Use the provided wrenches to loosen the arbor nut and remove the outer blade flange.
4. Place the 8.5-inch 60-tooth carbide-tipped blade onto the arbor, ensuring the teeth are pointing towards the front of the saw.
5. Reinstall the outer blade flange and arbor nut, tightening securely.
6. Reattach the blade guard assembly and throat plate.



Image 4.2: Close-up view of the 8.5-inch 60-tooth carbide-tipped saw blade, indicating its diameter and tooth configuration.

4.3 Fence and Miter Gauge Setup

1. Attach the rip fence to the front rail, ensuring it slides smoothly and locks securely.
2. Calibrate the rip fence to ensure it is parallel to the saw blade.
3. Insert the miter gauge into the table slot. Adjust the angle for desired cross cuts (0° to 45°).

32-1/2 IN. RIP CAPACITY

CUT A VARIETY OF LARGER
SHELVING AND TRIM MATERIALS



SPECIFICATIONS	
Model	M1D-FR-216W
Motor	120V~ 60Hz 15A
Speed	5000rpm
Blade diameter	216mm
Date of manufacture	2024/04
Conforms to UL STD.	62841-1 and 62841-3-1
Certified to CSA STD.	C22.2
No.	62841-1 and 62841-3-1

Warnings
 For Your Own Safety Read Instruction Manual Before Operating Saw.
 1) Read all instructions.
 2) Use only the guard and spacers for every operation for which it can be used, including all bench work.
 3) Never touch the blade or the blade teeth.
 4) Use the anti-kickback pawl and bumper to reduce the risk of kickback, (or brace knee to reduce the risk of kickback).
 5) For particular directions to reduce the risk of kickback, see the instruction manual.
 6) Do not operate the saw with the blade, or never reach over or over saw blade, or never reach in back of or over saw blade.

Precautions
 Four main parts require the use of the dust extraction system (cyclone filter).
 1) The motor and turbine protection.
 2) The blade guard and the guard of the operator's feet.
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SIROCCO
 8.5" DUSTLESS TABLE SAW

ADJUSTABLE ANGLE CUTTING



TURBINE HEAT DISSIPATION



STRONG LOAD CAPACITY



SAFETY PROTECTION



PRECISION SCALE



Image 4.3: Demonstrates the 32-1/2 inch rip capacity and adjustable angle cutting features, along with the precision scale for accurate measurements.



Image 4.4: View of the extendable rip fence, illustrating its capability to handle larger workpieces and its adjustable nature.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- To turn on the saw, press the green "ON" button.
- To turn off the saw, press the red "OFF" button or engage the emergency off safety cover.

5.2 Adjusting Blade Height and Angle

- Use the blade height adjustment wheel to raise or lower the blade. For most cuts, the blade should extend approximately 1/8 inch above the workpiece.
- Use the bevel adjustment lever to tilt the blade for angled cuts (up to 45°).



Image 5.1: Close-up of the height-adjustable carbide-tipped blade, suitable for various cutting operations like slotting, ripping, or cross-cutting.

5.3 Making Cuts

- **Rip Cuts:** Use the rip fence to guide the workpiece. Apply steady, even pressure.
- **Cross Cuts:** Use the miter gauge to guide the workpiece. Ensure the workpiece is firmly against the fence and table.
- Always use a push stick or push block when the workpiece is close to the blade.
- Allow the blade to reach full speed before beginning a cut.

5.4 Dust Collection System

The integrated dust collection system is designed to capture 98.5% of sawdust. Ensure the dust collection hose is properly connected and free of obstructions for optimal performance.



Image 5.2: Illustration of the dust elimination system, showing the internal and external dust collection paths and the benefits of a cleaner workspace.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your table saw.

- **Cleaning:** After each use, unplug the saw and clean off sawdust and debris from the table, fence, and blade guard. Use a brush or vacuum.
- **Blade Inspection:** Regularly inspect the blade for sharpness, damage, or missing carbide tips. Replace dull or damaged blades promptly.
- **Dust Collection System:** Periodically check the dust collection hose and internal components for clogs. Clear any blockages to maintain efficiency.
- **Lubrication:** Apply a light coat of machine wax or dry lubricant to the table surface to reduce friction and prevent rust.
- **Electrical Cord:** Inspect the power cord for any damage. Do not use the saw if the cord is frayed or damaged.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start	No power, tripped circuit breaker, emergency stop engaged.	Check power connection, reset circuit breaker, disengage emergency stop.
Blade binds or stalls during cut	Dull blade, improper feed rate, misaligned fence, motor overload.	Replace or sharpen blade, reduce feed rate, align fence, allow motor to cool.
Excessive dust accumulation	Clogged dust collection system, loose hose connection.	Clear clogs from hose and internal system, secure all connections.

Problem	Possible Cause	Solution
Inaccurate cuts	Misaligned fence or miter gauge, worn blade.	Calibrate fence and miter gauge, replace blade if worn.

8. SPECIFICATIONS

Feature	Detail
Brand	SIROCCO
Model Number	M1D-PR-216W-1
Power Source	Corded Electric
Voltage	230 Volts
Wattage	1800 watts
Speed	4500 RPM
Blade Diameter	8.5 Inches
Number of Teeth	60 (Carbide-Tipped)
Cutting Angle	0-45 Degrees (Bevel Capability)
Product Dimensions	19"L x 14"W x 24"H
Item Weight	50.7 pounds
Dust Collection Rate	98.5%
Rip Capacity	Up to 32.5 inches (with extended fence)



Image 8.1: Diagram illustrating the high-power motor specifications, including 120V, 15 Amps, 4600 RPM, and 1800 Watts. Note: Refer to the specifications table for precise voltage and RPM values for this model.

9. WARRANTY AND SUPPORT

This SIROCCO table saw comes with a limited warranty. For specific terms and conditions, please refer to the warranty documentation included with your purchase.

For further assistance, technical support, or to inquire about replacement parts, please visit the official SIROCCO store or contact customer service.

- Official SIROCCO Store: [Visit Store](#)
- Additional User Manual (PDF): [Download PDF](#)

