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### Fein MM 500 Start Q

# Fein MultiMaster MM 500 Start Oscillating Kit User Manual

Model: MM 500 Start Q (72295264090)

## 1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your Fein MultiMaster MM 500 Start Oscillating Kit. Please read these instructions thoroughly before using the tool and retain them for future reference. The Fein MultiMaster MM 500 Start is a high-performance corded multi-tool designed for interior construction and renovation tasks, featuring a 350W motor, Starlock Max mount, and QuickIn system.



## 2. GENERAL SAFETY INSTRUCTIONS

Always observe the following safety precautions to reduce the risk of electric shock, fire, and serious injury.

- **Work Area Safety:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Wear a dust mask if operations create dust. Dress properly; avoid loose clothing or jewelry.
- **Power Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

## 3. PACKAGE CONTENTS

The Fein MultiMaster MM 500 Start Oscillating Kit includes the following items:

- 1 x Fein MultiMaster MM 500 Start Oscillating Tool
- 1 x Backing Pad
- 12 x Sanding Sheets (3 each of grits 60, 80, 120, and 180)
- 1 x Universal E-Cut Saw Blade 1-3/4" (Type 152)
- 1 x E-Cut Long-Life Saw Blade 2"
- 1 x E-Cut Precision BIM Saw Blade 1-3/8"
- 1 x Nylon Soft Case

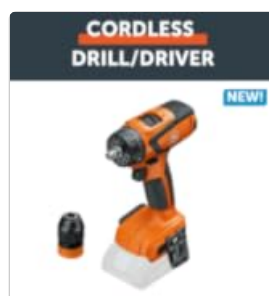


Image 3.1: The Fein MultiMaster MM 500 Start kit showing the tool, various blades, sanding pad, and sanding sheets.

## 4. SETUP

### 4.1 Attaching Accessories (QuickIn Rapid-Clamping System)

The Fein MultiMaster MM 500 Start features the QuickIn rapid-clamping system for fast, tool-free accessory changes. This system ensures secure attachment and minimizes downtime.

1. Ensure the tool is unplugged from the power source.
2. Locate the QuickIn lever on the tool head.
3. Push the lever to release the accessory mount.
4. Align the Starlock Max accessory with the tool mount. The Starlock Max system provides a wide range of compatible accessories.
5. Press the accessory firmly onto the mount until it clicks into place.
6. Release the QuickIn lever to secure the accessory. Gently pull on the accessory to ensure it is locked.



Image 4.1: Detailed view of the Starlock accessory mounting system, illustrating how blades are attached and secured.



Image 4.2: A user demonstrating the QuickIn rapid-clamping system, showing the ease of attaching and detaching accessories without additional tools.

### 4.2 Power Connection

The MM 500 Start is a corded electric tool. Connect the power cord to a standard 120 Volt AC power outlet. Ensure the power outlet is properly grounded.

## 5. OPERATING INSTRUCTIONS

### 5.1 Powering On/Off

To turn the tool on, slide the power switch to the 'ON' position. To turn it off, slide the switch to the 'OFF' position. The tool features a soft start for controlled operation.

## 5.2 Speed Control

The MM 500 Start maintains a constant speed under load, optimizing performance. Adjust the oscillation speed using the speed dial, typically located near the power switch, to match the material and accessory being used.

## 5.3 Using the Tool

Hold the tool firmly with both hands. Apply gentle, consistent pressure. Allow the tool and accessory to do the work. The anti-vibration design, featuring a self-supporting motor and vibration decoupling, reduces user fatigue and noise during extended use.

- **Cutting:** For cutting applications, select the appropriate saw blade for the material. Position the blade against the workpiece and slowly engage the power.
- **Sanding:** Attach the backing pad and desired grit sanding sheet. Move the tool in a consistent pattern over the surface to achieve an even finish.



Image 5.1: A user demonstrating the Fein MultiMaster MM 500 Start in action, performing a precise cut on a wooden surface.



Image 5.2: A user utilizing the Fein MultiMaster MM 500 Start with a sanding attachment to smooth a surface.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tool.

- **Cleaning:** After each use, disconnect the tool from the power supply. Use a soft brush or compressed air to clean dust and debris from the ventilation openings and the accessory mount. Do not use water or chemical cleaners.
- **Accessory Inspection:** Regularly inspect accessories for wear or damage. Replace worn or damaged blades and sanding sheets to maintain cutting efficiency and safety.
- **Cord Inspection:** Check the power cord for any signs of damage, cuts, or fraying. If damaged, have it replaced by a qualified service technician.
- **Storage:** Store the tool and its accessories in the provided nylon soft case in a dry, secure location, out of reach of children.

## 7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Tool does not start	No power supply; damaged cord; faulty switch	Check power connection; inspect cord; contact service for switch replacement

Problem	Possible Cause	Solution
Reduced performance/cutting efficiency	Dull or incorrect accessory; excessive pressure	Replace accessory; ensure correct accessory for material; reduce pressure
Excessive vibration or noise	Loose accessory; damaged accessory; internal issue	Ensure accessory is securely attached; replace damaged accessory; contact service

## 8. SPECIFICATIONS

Feature	Detail
Manufacturer	Fein
Model Number	72295264090 (MM 500 Start Q)
Power Source	Corded Electric
Voltage	120 Volts
Wattage	350 watts
Item Weight	3.1 pounds
Product Dimensions	13.25 x 2.63 x 3.25 inches
Sound Level	83 Decibels
Accessory Mount	Starlock Max
Accessory Change System	QuickIn Rapid-Clamping System

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information

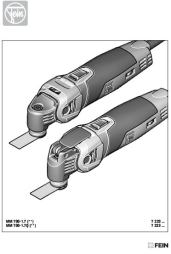

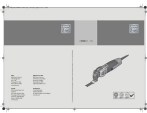
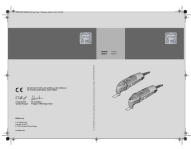
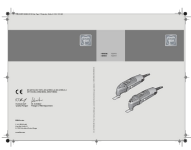

Fein products are manufactured to high-quality standards. For specific warranty terms and conditions applicable to your MultiMaster MM 500 Start, please refer to the warranty card included with your product or visit the official Fein website. Keep your proof of purchase for warranty claims.

### 9.2 Customer Support

For technical assistance, spare parts, or service inquiries, please contact Fein customer support. You can find contact information and additional resources on the official Fein website:

[Visit the Official Fein Store on Amazon](#)

## Related Documents - MM 500 Start Q

	<p><a href="#">FEIN MM 700-1.7 / MM 700-1.70 Oszillierwerkzeug Bedienungsanleitung   Sicherheit &amp; Technische Daten</a></p> <p>Entdecken Sie die Bedienungsanleitung und technischen Spezifikationen für das FEIN MM 700-1.7 und MM 700-1.70 Oszillierwerkzeug. Erfahren Sie mehr über sichere Anwendung, Wartung und Leistung.</p>
	<p><a href="#">FEIN MULTIMASTER: The Original, Versatile, and Powerful Oscillating Power Tool System</a></p> <p>Discover the FEIN MULTIMASTER, the original and versatile oscillating power tool system for interior construction, renovation, and professional tasks. Learn about its features, benefits, applications, and extensive accessory range.</p>
	<p><a href="#">FEIN FSC500QSL Oscillating Tool Instruction Manual</a></p> <p>Comprehensive guide to the FEIN FSC500QSL oscillating tool, covering safety, operation, assembly, and maintenance. Learn how to use your FEIN power tool effectively and safely.</p>
	<p><a href="#">FEIN FMT250/FMT250Q Multi-Cutter: User Manual and Safety Instructions</a></p> <p>Comprehensive guide to the FEIN FMT250 and FMT250Q multi-cutters, covering operation, safety precautions, technical specifications, and maintenance. Learn how to use these versatile power tools for sanding, sawing, scraping, and more.</p>
	<p><a href="#">FEIN FMT2500/FMT250 Oscillating Tool Instruction Manual</a></p> <p>Official instruction manual for FEIN FMT2500 and FMT250 oscillating multi-tools. Covers safety, operation, intended use, and maintenance for versatile DIY and professional tasks.</p>
	<p><a href="#">FEIN ASCD18 Serie Akku-Schlagschrauber Bedienungsanleitung</a></p> <p>Umfassende Bedienungsanleitung für FEIN ASCD18 Serie Akku-Schlagschrauber (ASCD18-200W4 AS, ASCD18-300W2 AS, ASCD18-1000W34 AS) mit technischen Daten, Sicherheitshinweisen und Bedienungsanleitungen.</p>

