

## Ferrex 20V Cordless Multi-Tool

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## INSTRUCTION MANUAL

### INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Ferrex 20V Cordless Multi-Tool. This tool is designed for various DIY tasks, including cutting wood, metal, plastic, and brick, as well as removing grout. Please read this manual thoroughly before first use and keep it for future reference.

**Note:** The Ferrex 20V Cordless Multi-Tool is sold as a 'tool skin' and does not include the battery pack or charger. It is compatible with Activ Energy 20V battery packs and chargers (sold separately).

### SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury. Keep your work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Always wear appropriate personal protective equipment, including safety glasses, hearing protection, and gloves. Ensure the tool is switched off before making any adjustments, changing accessories, or storing it. Keep children and bystanders away while operating a power tool.

### PACKAGE CONTENTS

Carefully unpack the contents and ensure all items are present and undamaged. If any parts are missing or damaged, contact your retailer immediately.

- 1 x Ferrex 20V Cordless Multi-Tool
- 1 x Dust Extractor
- 1 x Segmented Saw Blade (HSS)
- 1 x Flush Cut Saw Blade (HCS)
- 1 x Diamond Saw Blade
- 1 x Scraper
- 1 x Sanding Pad
- 20 x Sandpaper Sheets
- 1 x Instruction Manual
- 1 x Warranty Card



Image: Various accessories including saw blades, sanding pad, and sandpaper sheets.





Image: A dust extractor attachment and a scraper accessory.

## SETUP

### 1. Attaching the Battery Pack

Ensure the multi-tool is switched off before attaching or removing the battery. Align the battery pack (Activ Energy 20V, sold separately) with the base of the tool and slide it in until it clicks securely into place. To remove, press the release button on the battery pack and slide it out.



Image: The Ferrex 20V Cordless Multi-Tool, showing the main body and an attached accessory blade.

## 2. Changing Accessories (Tool-Free)

The Ferrex Multi-Tool features a tool-free accessory change system for quick and easy blade or pad replacement.

1. Ensure the tool is switched off and the battery pack is removed.
2. Locate the accessory release lever/mechanism on the tool head.
3. Engage the release mechanism to unlock the current accessory.
4. Remove the old accessory.
5. Align the new accessory (e.g., saw blade, sanding pad) with the tool head's mounting interface.
6. Secure the new accessory by releasing the mechanism, ensuring it is firmly seated and locked.
7. Gently pull on the accessory to confirm it is securely attached before use.

## OPERATING INSTRUCTIONS

### 1. Powering On/Off

To switch the tool on, slide the ON/OFF switch to the 'ON' position. To switch it off, slide the switch to the 'OFF' position.



Image: A detailed view of the blue power switch located on the side of the tool body.

## **2. Variable Speed Control**

The tool features variable speed control, allowing you to adjust the oscillation rate from 5,000 to 18,000 RPM to suit different materials and tasks. Rotate the speed dial to select the desired speed setting.



Image: A close-up of the speed adjustment dial with numerical markings (1-6) on the tool's handle.

### 3. LED Work Light

The integrated LED work light illuminates the work area, providing better visibility in dimly lit conditions.

### 4. Applications

- **Cutting:** Use appropriate saw blades (HSS for metal, HCS for wood/plastic, Diamond for brick/tile) for precise cuts in various materials.
- **Sanding:** Attach the sanding pad and sandpaper sheets for surface preparation, smoothing, or material removal.
- **Grout Removal:** Utilize the diamond saw blade or scraper for efficient removal of old grout between tiles.
- **Scraping:** The scraper accessory is suitable for removing stubborn materials like old paint, adhesive, or caulk.

Always ensure the correct accessory is used for the task and material. Apply gentle, consistent pressure and let the tool do the work. Avoid forcing the tool, as this can lead to overheating or damage.

## MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your tool.

- **Cleaning:** After each use, clean the tool body with a soft, damp cloth. Remove any dust or debris from ventilation openings. Do not use harsh chemicals or abrasive cleaners.
- **Accessory Care:** Clean accessories after use. Store blades and pads in a dry place to prevent rust or damage. Replace worn or dull accessories promptly.
- **Battery Care:** Follow the instructions provided with your Activ Energy battery pack and charger for proper charging and storage.
- **Storage:** Store the multi-tool and its accessories in a dry, secure location, out of reach of children.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or not properly inserted.	Ensure battery is fully charged and securely inserted.
Reduced performance or overheating.	Dull accessory, excessive pressure, or blocked ventilation.	Replace accessory, reduce pressure, clear ventilation slots.
Accessory not holding securely.	Accessory not properly seated or release mechanism faulty.	Re-seat accessory, ensure release mechanism is fully engaged. If issue persists, contact support.

## SPECIFICATIONS

Feature	Detail
Brand	Ferrex
Model	20V Cordless Multi-Tool
Power Source	Battery-Powered (20V Activ Energy, not included)
Voltage	20 Volts
No-load Speed	5,000 - 18,000 RPM
Oscillation Angle	3.0 degrees
Special Features	Cordless, Multi-use, Anti-vibration function, Tool-free accessory change, LED work light, Variable speed, Soft grip
Recommended Applications	Cutting (wood, metal, plastic, brick), Grout Removal




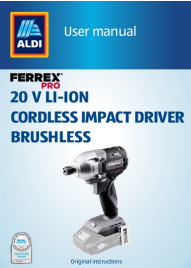


Feature	Detail
Package Dimensions	30.5 x 14.1 x 12.4 cm; 1.63 kg

## WARRANTY AND SUPPORT

This product comes with a warranty card. Please refer to the warranty card included in your package for details on warranty coverage, terms, and conditions. For technical support, spare parts, or service inquiries, please contact the retailer or manufacturer directly using the contact information provided with your purchase documentation.

### Related Documents - 20V Cordless Multi-Tool

	<p><a href="#">Ferrex FAM 20-1 20V Li-Ion Cordless Multifunction Tool User Manual</a></p> <p>Comprehensive user manual for the Ferrex FAM 20-1 20V Li-Ion Cordless Multifunction Tool, covering safety, operation, maintenance, and technical specifications. Includes detailed instructions for use, troubleshooting, and care.</p>
	<p><a href="#">FERREX 20V Li-Ion Cordless Blower Skin User Manual</a></p> <p>Comprehensive user manual for the FERREX 20V Li-Ion Cordless Blower Skin (Model 709610). Provides essential safety instructions, operating procedures, maintenance guidelines, warranty information, and technical specifications for optimal use.</p>
	<p><a href="#">FERREX 30W Wood Burning Kit with Accessories User Manual</a></p> <p>Comprehensive user manual for the FERREX 30W Wood Burning Kit with Accessories (Model PSI30, 706193). Includes safety instructions, assembly, operation, maintenance, warranty, and specifications.</p>
	<p><a href="#">Ferrex Pro 20V Li-Ion Cordless Impact Driver Brushless User Manual</a></p> <p>User manual for the Ferrex Pro 20V Li-Ion Cordless Impact Driver Brushless. This guide provides instructions on safe operation, maintenance, and troubleshooting for the impact driver.</p>





### [FERREX 12V Cordless Impact Drill F-CCD12 User Manual](#)

Comprehensive user manual for the FERREX 12V Cordless Impact Drill (Model F-CCD12), covering safety instructions, operation, technical specifications, maintenance, and warranty details provided by ALDI.



### [FERREX 20V Li-ion Mini Grinder User Manual | Safety, Operation & Specifications](#)

Official user manual for the FERREX 20V Li-ion Mini Grinder (Model CGA18MF.9). Covers safety guidelines, operating procedures, assembly, maintenance, troubleshooting, and technical specifications. Includes warranty information and environmental considerations.