

FLEX FX1371A-Z

FLEX 24V Brushless Cordless 1/4-Inch Hex Impact Driver Instruction Manual

Model: FX1371A-Z

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your FLEX 24V 1/4-inch Quick Eject Hex Impact Driver. This tool is designed to deliver powerful performance for various fastening applications, featuring multiple speed modes, self-tapping screw modes, and a quick eject collet for efficient bit changes. Please read this manual thoroughly before using the tool to ensure proper handling and to maximize its lifespan.



Figure 1: FLEX 24V Brushless Cordless 1/4-Inch Hex Impact Driver (Tool Only)

This image shows the FLEX 24V Brushless Cordless 1/4-Inch Hex Impact Driver, highlighting its ergonomic design and compact form factor. The tool is depicted without a battery, as it is sold as a tool-only unit.

2. SAFETY INFORMATION

Always observe basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

General Power Tool Safety Warnings:

- **Work Area Safety:** Keep your 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 grounded power tools. Avoid body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerators.
- **Personal Safety:** Always wear eye protection. Use appropriate safety equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when necessary. Dress properly; avoid loose clothing or jewelry.

- **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 and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

3. COMPONENTS AND FEATURES

The FLEX 24V Impact Driver is engineered with advanced features for optimal performance and user control.

- **Sensor-Free Brushless Motor:** Designed for higher efficiency and power, eliminating friction.
- **Unrivaled Power:** Delivers up to 2,500 in-lbs of torque for demanding fastening tasks.
- **3 Speed Modes:** Provides enhanced control, allowing adaptation to various applications.
- **Quick Eject Collet:** Enables fast, one-handed bit changes for increased efficiency.
- **Self-Tapping Screw Modes:** Optimized to prevent over-tightening, breaking, or stripping of screws.
- **Built-in LED Lighting:** Illuminates the work area for improved visibility.
- **FLEX 24V Cross-Compatibility:** Fully compatible with all FLEX 24V batteries, chargers, and tools.



Figure 2: Demonstrating Unrivaled Power

This image illustrates the FLEX Impact Driver in use, emphasizing its capability to deliver 2,500 in-lbs of torque. A user is shown holding the tool with a battery attached, driving a fastener.

4. SETUP

4.1 Battery Installation (Battery and Charger Sold Separately)

1. Ensure the tool is turned off and the trigger is locked.
2. Align the battery pack with the battery port on the base of the tool.
3. Slide the battery pack into the port until it clicks securely into place.
4. To remove, press the battery release button(s) and slide the battery pack out.

4.2 Bit Insertion and Removal

The Quick Eject Collet allows for rapid bit changes.

1. **Insertion:** Pull the quick eject collet forward. Insert the 1/4-inch hex shank bit fully into the chuck. Release the collet to lock the bit in place. Tug on the bit to ensure it is securely seated.
2. **Removal:** Pull the quick eject collet forward. The bit will spring out for easy removal.



Figure 3: Quick Eject Collet in Action

This image demonstrates the quick eject collet feature of the FLEX Impact Driver, showing a hand operating the collet for rapid bit insertion or removal.

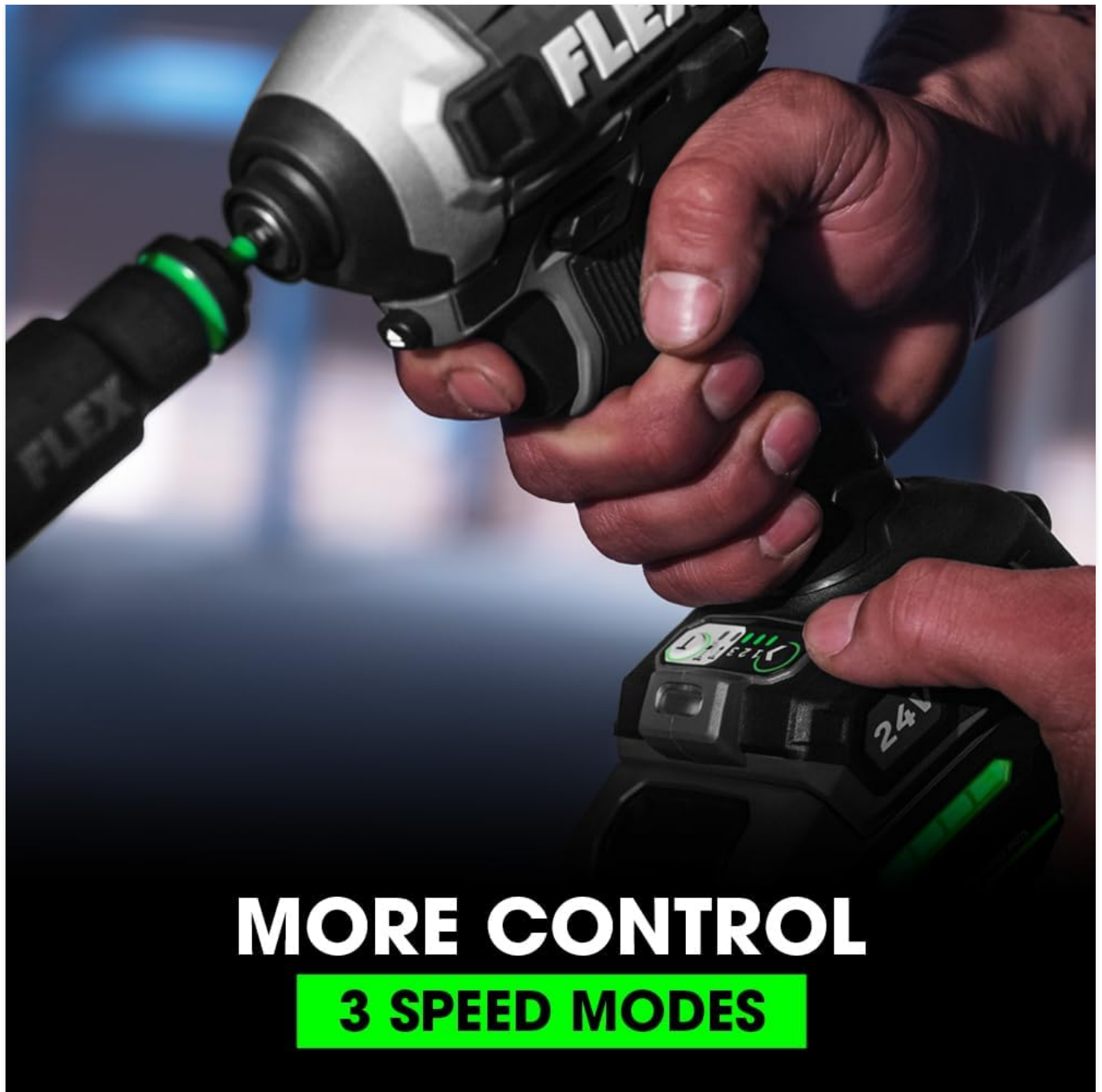
5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- To turn on, depress the trigger switch. The tool's speed is variable based on trigger pressure.
- To turn off, release the trigger switch.

5.2 Selecting Speed Modes

The tool features three speed modes for versatile application control.



MORE CONTROL

3 SPEED MODES

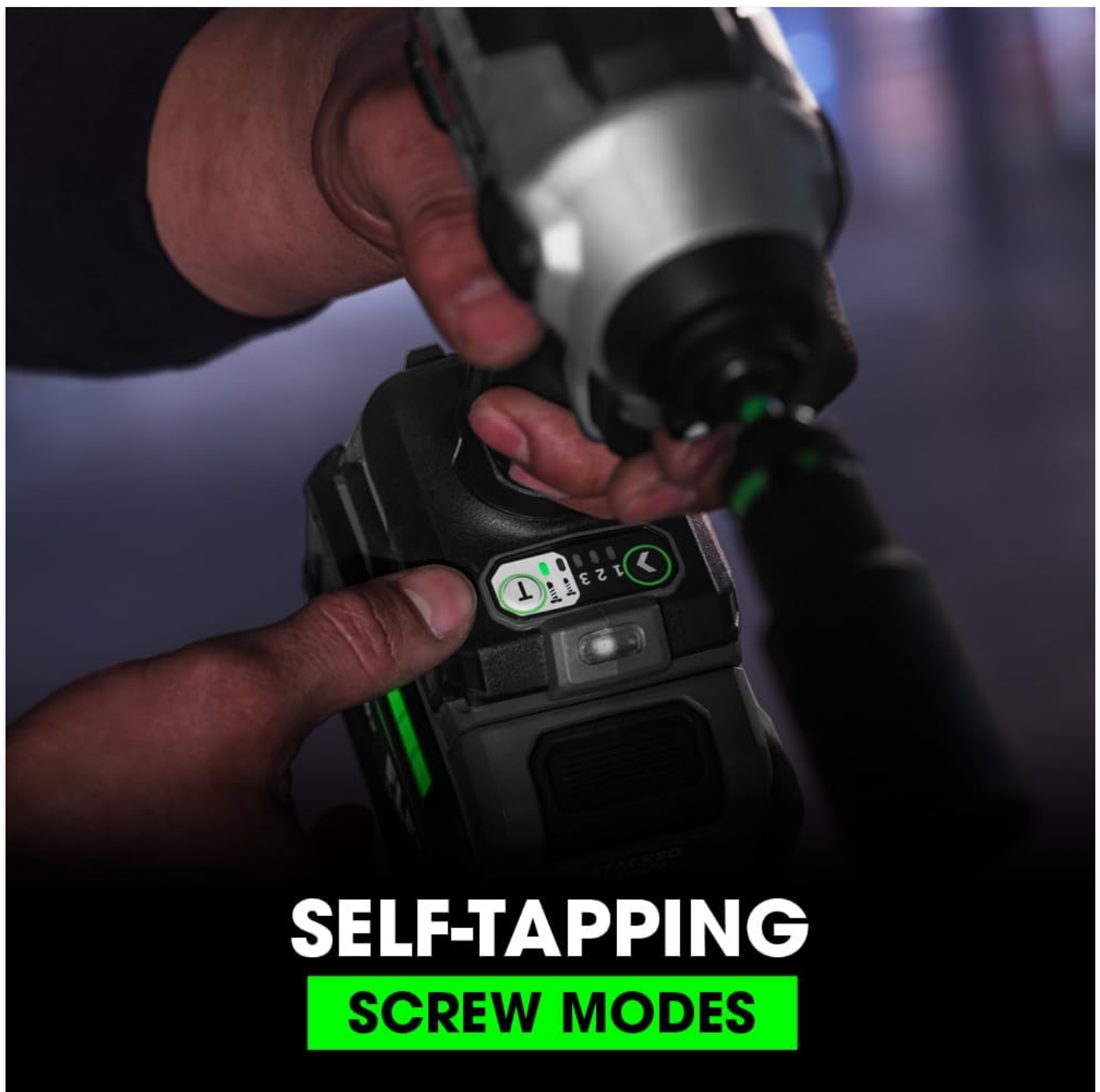
Figure 4: 3 Speed Modes Control

This image highlights the control panel on the FLEX Impact Driver, showing the selector for its three distinct speed modes, allowing users to adjust power output for different tasks.

- Use the mode selection button (typically located near the base of the handle) to cycle through the available speed settings (1, 2, 3).
- Select a lower speed for delicate tasks or when starting a fastener, and higher speeds for rapid driving in appropriate materials.

5.3 Using Self-Tapping Screw Modes

These specialized modes prevent over-tightening and stripping of self-tapping screws.



SELF-TAPPING

SCREW MODES

Figure 5: Self-Tapping Screw Modes

This image focuses on the control interface of the FLEX Impact Driver, specifically showing the button or switch used to activate the self-tapping screw modes, designed for precise fastening.

- Activate the self-tapping screw mode via the dedicated button.
- The tool will automatically adjust its torque and speed to prevent damage to the fastener or workpiece once the screw is seated.

5.4 Forward/Reverse Operation

- The forward/reverse selector switch is located above the trigger.
- Push the switch to the left for forward rotation (driving screws).
- Push the switch to the right for reverse rotation (removing screws).
- Center the switch to lock the trigger and prevent accidental starting.

5.5 Integrated LED Light

The built-in LED light activates when the trigger is pressed, illuminating the work surface.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your FLEX Impact Driver.

- **Cleaning:** Keep the tool's ventilation openings clear and free of debris. Use a soft, damp cloth to clean the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the tool in a dry, secure location, out of reach of children. Remove the battery pack before storage.
- **Inspection:** Periodically inspect the tool for any signs of damage, loose screws, or worn parts. If any issues are found, contact FLEX customer support or a qualified service center.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your FLEX Impact Driver.

Problem	Possible Cause	Solution
Tool does not start.	Battery not inserted correctly or discharged. Trigger lock engaged.	Ensure battery is fully seated and charged. Disengage trigger lock.
Reduced power or speed.	Low battery charge. Incorrect speed mode selected.	Recharge battery. Select a higher speed mode.
Bit not holding securely.	Bit not fully inserted into collet. Collet mechanism dirty.	Ensure bit is fully inserted and collet is released to lock. Clean collet area.
Over-tightening or stripping screws.	Incorrect speed mode or self-tapping mode not engaged.	Select appropriate speed mode or activate self-tapping screw mode for specific applications.

If the problem persists after attempting these solutions, contact FLEX customer support.

8. SPECIFICATIONS

Specification	Value
Brand	FLEX
Model Number	FX1371A-Z
Power Source	Battery Powered
Voltage	24 Volts
Maximum Rotational Speed	4000 RPM
Maximum Torque	2,500 Inch Pounds
Number of Speeds	3

Specification	Value
Drill Type	Impact Driver
Collet Size	1/4-Inch Hex
Item Weight	1.46 Kilograms (3.21 pounds)
Product Dimensions	4.7"L x 4"W x 10"H
Material	Plastic
Included Components	Bare tool (Battery and Charger Not Included)
UPC	840163201001

9. WARRANTY AND SUPPORT

9.1 FLEX Limited Lifetime Warranty

Your FLEX 24V Impact Driver is protected by the FLEX Limited Lifetime Warranty when registered within 30 days of purchase at registermyFLEX.com through December 31, 2025. This warranty covers tools, batteries, and chargers.



Figure 6: FLEX Lifetime Warranty Details

This image displays information regarding the FLEX Limited Lifetime Warranty, emphasizing the registration requirement within 30 days of purchase to qualify for coverage on tools, batteries, and chargers.

9.2 Customer Support


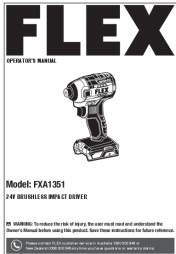


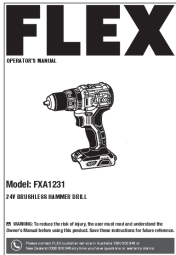
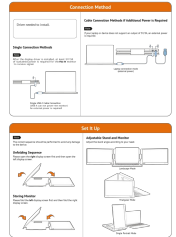
For technical assistance, warranty claims, or general inquiries, please visit the official FLEX website or contact their customer support channels. Refer to the product packaging or the FLEX website for the most current contact information. You can also visit the [FLEX Store on Amazon](#) for more product information and accessories.

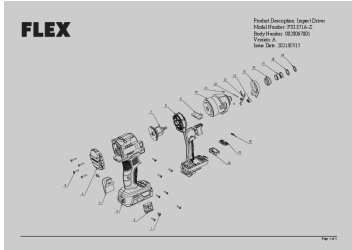


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This manual is for informational purposes only. Specifications are subject to change without notice.

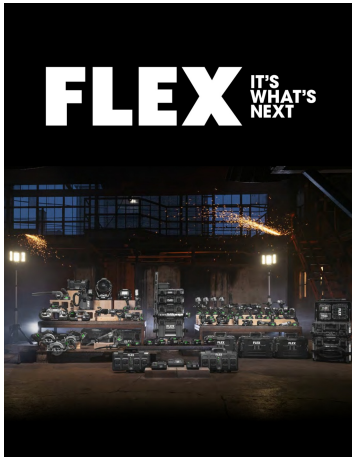
Related Documents - FX1371A-Z

	<p>FLEX FX1371A 24V Brushless Impact Driver Operator's Manual</p> <p>This operator's manual provides essential safety instructions, operating procedures, and maintenance guidelines for the FLEX FX1371A 24V Brushless Impact Driver. Learn how to use your tool effectively and safely.</p>
	<p>FLEX FXA1351 24V Brushless Impact Driver Operator's Manual</p> <p>Comprehensive operator's manual for the FLEX FXA1351 24V Brushless Impact Driver, covering safety, operation, assembly, maintenance, and warranty information.</p>
	<p>FLEX FX1331 24V Brushless Impact Driver Operator's Manual</p> <p>Comprehensive operator's manual for the FLEX FX1331 24V Brushless Impact Driver, detailing safety guidelines, operational procedures, assembly, maintenance, and product specifications.</p>
	<p>FLEX PD 2G 18.0-EC/5.0 Set: 18V Cordless Impact Drill Driver</p> <p>Detailed overview of the FLEX PD 2G 18.0-EC/5.0 Set, a 2-speed 18V cordless impact drill driver featuring brushless motor technology, electronic management system, and included accessories like batteries and L-BOXX case.</p>
	<p>FLEX FXA1231 24V Brushless Hammer Drill Operator's Manual</p> <p>Operator's manual for the FLEX FXA1231 24V Brushless Hammer Drill, covering safety instructions, operation, maintenance, and warranty information.</p>
	<p>Flex Monitor Connection and Setup Guide</p> <p>Instructions for connecting and setting up the Flex portable monitor, including single USB-C connection and cable connection methods with additional power requirements. Details on unfolding and storing the monitor, and adjusting the stand for different modes like Landscape, Triangular, and Single Portrait.</p>



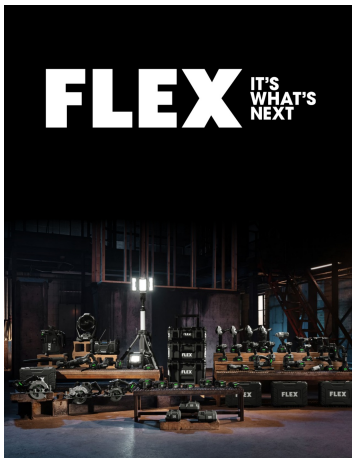
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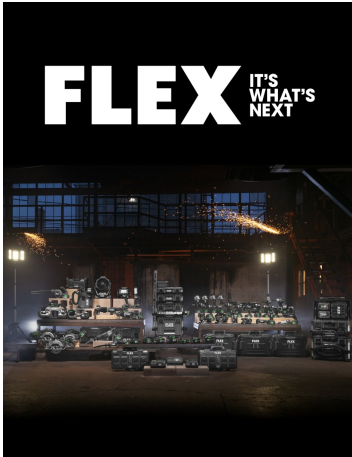
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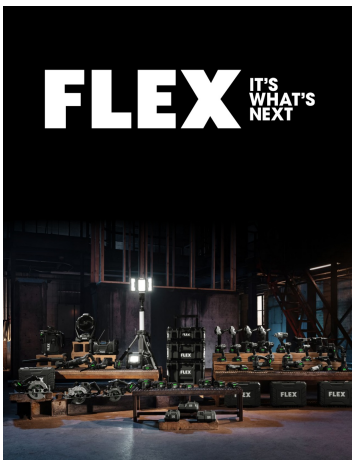
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