

Fein ASCM18-4 QMP AS

Fein 18V AS 4-Speed Cordless Drill/Driver Set with Hammer Function

MODEL: ASCM18-4 QMP AS - INSTRUCTION MANUAL

1. Introduction

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Fein 18V AS 4-Speed Cordless Drill/Driver Set with Hammer Function, model ASCM18-4 QMP AS. Please read these instructions thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

2. Safety Information

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

- **Work Area Safety:** Keep the 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.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection, hearing protection, and suitable work clothing. Stay alert and use common sense when operating a power tool.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect 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. Product Overview and Components

The Fein 18V AS 4-Speed Cordless Drill/Driver Set is designed for versatile drilling and driving tasks. It features a brushless PowerDrive motor, a 4-speed gearbox, and the QuickIN system for rapid accessory changes.



This image displays the complete Fein 18V AS 4-Speed Cordless Drill/Driver Set, including the drill, two 18V 4Ah batteries, a rapid charger, and a variety of QuickIN accessories, all neatly organized within an orange L-BOXX 136 tool case.

Included Components:

- 1 ASCM 18-4 QMP AS Cordless Drill/Driver (incl. auxiliary handle, belt clip, magnetic bit holder)
- 1 CORE 18 V 4.0 Ah AS Battery Pack
- 1 GAL 1880 CV AS Rapid Charger
- 1 QuickIN Accessory Set, 8 pieces
- 1 L-BOXX 136 Tool Case
- 1 i-BOXX 72
- 1 i-BOXX Rack

4. Setup

4.1. Battery Charging

Before first use, fully charge the battery pack. Insert the battery pack into the GAL 1880 CV AS Rapid Charger. The charger's indicator light will show the charging status. Ensure the battery is securely seated.



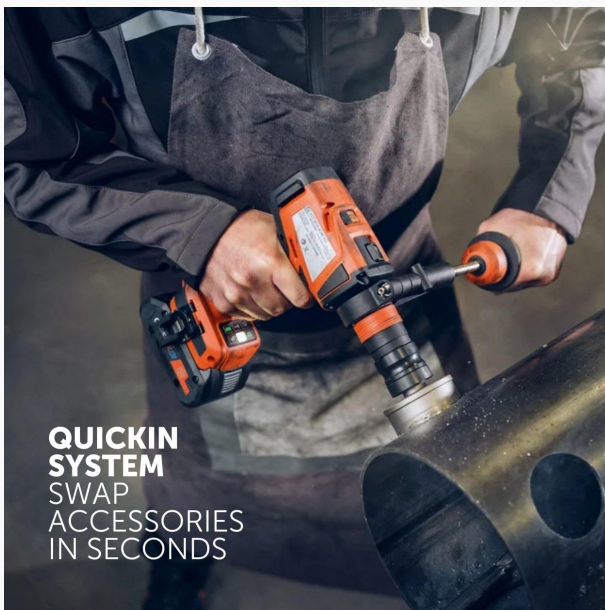
The Fein AMPShare CORE 18V AS 4.0 Ah battery, compatible with Bosch Professional 18V systems, ready for charging or use.

4.2. Attaching QuickIN Accessories

The QuickIN system allows for tool-free accessory changes. To attach an accessory:

1. Ensure the drill is switched off and the battery is removed for safety.

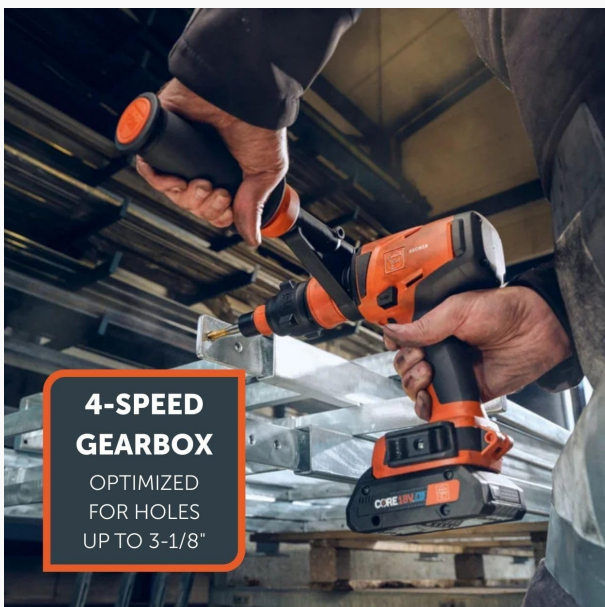
2. Align the QuickIN accessory with the drill's spindle.
3. Push the accessory firmly onto the spindle until it clicks into place.
4. To remove, pull back the QuickIN collar and detach the accessory.



Worker using the Fein 18V drill with a QuickIN accessory to drill a large hole, demonstrating quick accessory changes. This system minimizes downtime and enhances productivity.

4.3. Attaching the Auxiliary Handle

For enhanced control and safety, especially during high-torque applications or when using the hammer function, attach the auxiliary handle. Screw the handle into the designated threaded opening on the drill body and tighten securely.



Worker operating the Fein 18V drill with an auxiliary handle, providing better grip and control for various tasks, including those requiring the 4-speed gearbox.

5. Operating Instructions


5.1. Powering On/Off

To power on the drill, press the trigger switch. The tool will start. To power off, release the trigger switch.

5.2. Speed Settings

The drill features a 4-speed gearbox for optimal performance across different materials and applications. Use the speed selector switch located on top of the drill to choose the desired speed range:


- **Speed 1:** Lowest speed, highest torque for heavy-duty drilling and driving large fasteners.
- **Speed 2:** Medium-low speed for general drilling and driving.
- **Speed 3:** Medium-high speed for faster drilling in softer materials.
- **Speed 4:** Highest speed for small diameter drilling and light applications.



The Fein 18V drill features a 4-speed gearbox, visible on the top of the tool, allowing users to select the optimal speed for various drilling and driving tasks.

5.3. Torque Settings


The electronic torque setting offers 15+1 positions, allowing precise control over fastening applications to prevent overtightening or stripping screws. Rotate the torque collar to select the desired setting. The 'drill' symbol engages full torque for drilling operations.



A worker is depicted drilling into a metal workpiece secured by a clamp, illustrating the Fein 18V drill's high torque capabilities suitable for demanding tasks. The image highlights the tool's power and stability during operation.

5.4. Hammer Function

Engage the hammer function for drilling into masonry and concrete. This function provides an impact action in addition to rotation. Select the hammer drill mode on the collar for appropriate applications.



A worker is shown operating the Fein 18V Hammer Drill/Driver, demonstrating its use in a heavy-duty application. The image highlights the tool's hammer drill/driver capabilities and the COOLPACK 2.0 battery technology for extended performance.

5.5. Kickback Monitoring

The integrated kickback monitoring system enhances user safety by detecting sudden tool rotation and automatically shutting down the motor to prevent injury. Maintain a firm grip on the tool and auxiliary handle during operation.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Fein drill/driver.

- **Cleaning:** Keep the ventilation openings clean and free from dust. Use a soft, damp cloth to clean the tool housing. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not expose batteries to extreme temperatures.
- **Accessory Inspection:** Regularly inspect QuickIN accessories for wear or damage. Replace worn accessories to maintain performance and safety.
- **Storage:** Store the tool and accessories in the provided L-BOXX case in a secure, dry location, out of reach of children.

7. Troubleshooting

If you encounter issues with your Fein drill/driver, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly inserted.	Ensure battery is fully charged and correctly inserted.
Reduced power or performance	Battery charge low; accessory worn or incorrect.	Recharge battery. Use appropriate and sharp accessories.
Accessory not holding securely	QuickIN collar not fully engaged; accessory damaged.	Ensure accessory is pushed in until it clicks. Inspect and replace damaged accessories.
Tool stops unexpectedly	Overload protection or kickback monitoring activated.	Reduce load on the tool. Check for obstructions. Restart the tool.

8. Specifications

Feature	Specification
Brand	Fein
Model Number	ASCM18-4 QMP AS (71161565090)
Power Source	Battery Powered
Voltage	18 Volts
Amperage	4 Amps
Motor Type	Brushless PowerDrive Motor
Number of Speeds	4
No Load Speed	430 / 850 / 2,000 / 4,000 RPM
Maximum Torque	1151 Inch Pounds

Feature	Specification
Maximum Chuck Size	0.06 Inches (QuickIN interface)
Drill Type	Hammer Drill
Special Features	QuickIN Accessory Interface, Brushless Motor, Cordless, 4-speed Gearbox, Kickback Monitoring, Electronic Torque Settings (15+1)
Product Dimensions	8.54"L x 3.11"W x 9.92"H
Item Weight	9.03 Pounds
Material	Metal, Plastic

9. Warranty and Support



For warranty information, please refer to the warranty card included with your product or visit the official Fein website. For technical support, spare parts, or service, please contact Fein customer service directly. Keep your purchase receipt as proof of purchase.


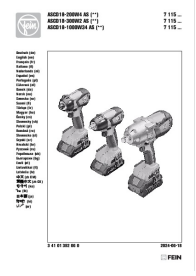
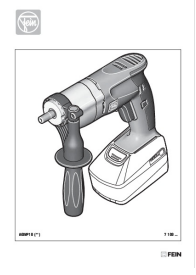

Fein Customer Service: Please visit www.fein.com/en_us/service/ for contact details and further assistance.



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Related Documents - ASCM18-4 QMP AS

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	<p>FEIN ASCM18-4 QM AS / QMP AS Cordless Drill/Driver Instruction Manual</p> <p>Comprehensive instruction manual for FEIN ASCM18-4 QM AS and ASCM18-4 QMP AS cordless drill/drivers, detailing operation, safety, technical specifications, and maintenance for professional use.</p>

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