



## Fein DCH735 Cordless Combined Hammer Instruction Manual

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# FEIN

DCH735 Cordless Combined Hammer  
Instruction Manual



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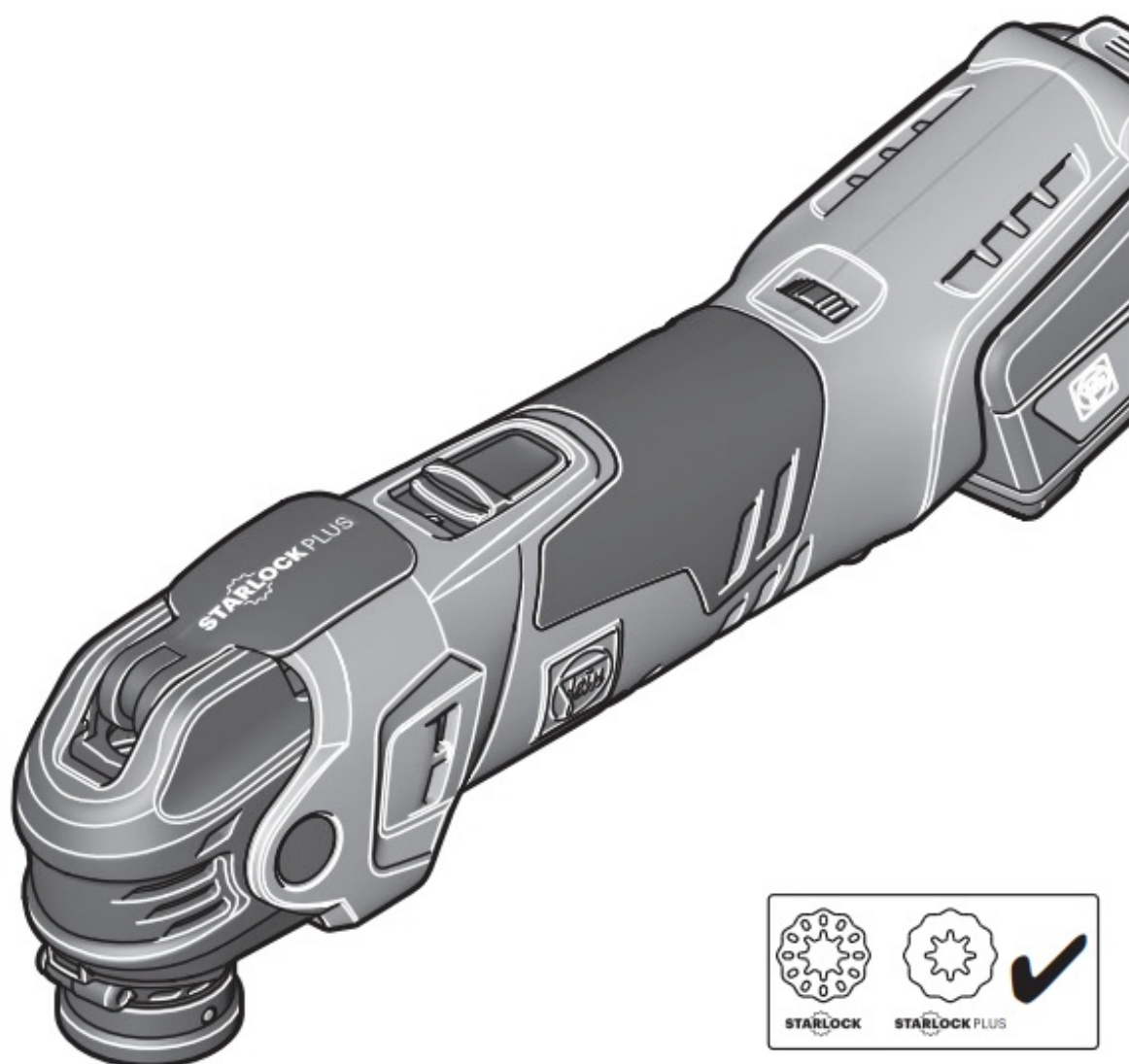
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## **DCH735 Cordless Combined Hammer**



**AMM 300 Plus (\*\*)**

**7 129 ...**

**AMM 300 Plus (\*\*)**

7 129 ...

<b><i>U</i></b>	<b><i>V</i></b>	12
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<b><i>n<sub>S</sub></i></b>	/min, min <sup>-1</sup> , rpm, r/min	11 500 – 18 000
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°

2 x 1.6



kg

1,2

<b><i>L<sub>pA</sub></i></b>	dB	70,0
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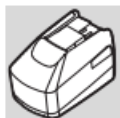
<b><i>K<sub>pA</sub></i></b>	dB	3,0
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<b><i>L<sub>WA</sub></i></b>	dB	81,0
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<b><i>K<sub>WA</sub></i></b>	dB	3,0
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<b><i>L<sub>pCpeak</sub></i></b>	dB	83,0
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<b><i>K<sub>pCpeak</sub></i></b>	dB	3,0
----------------------------------	----	-----

**B12A**

Lithium Ion

<b><i>U</i></b>	<b><i>V</i></b>	12
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kg

0,25



ALG 30, ALG 50, ALG 80 (\*\*)



7



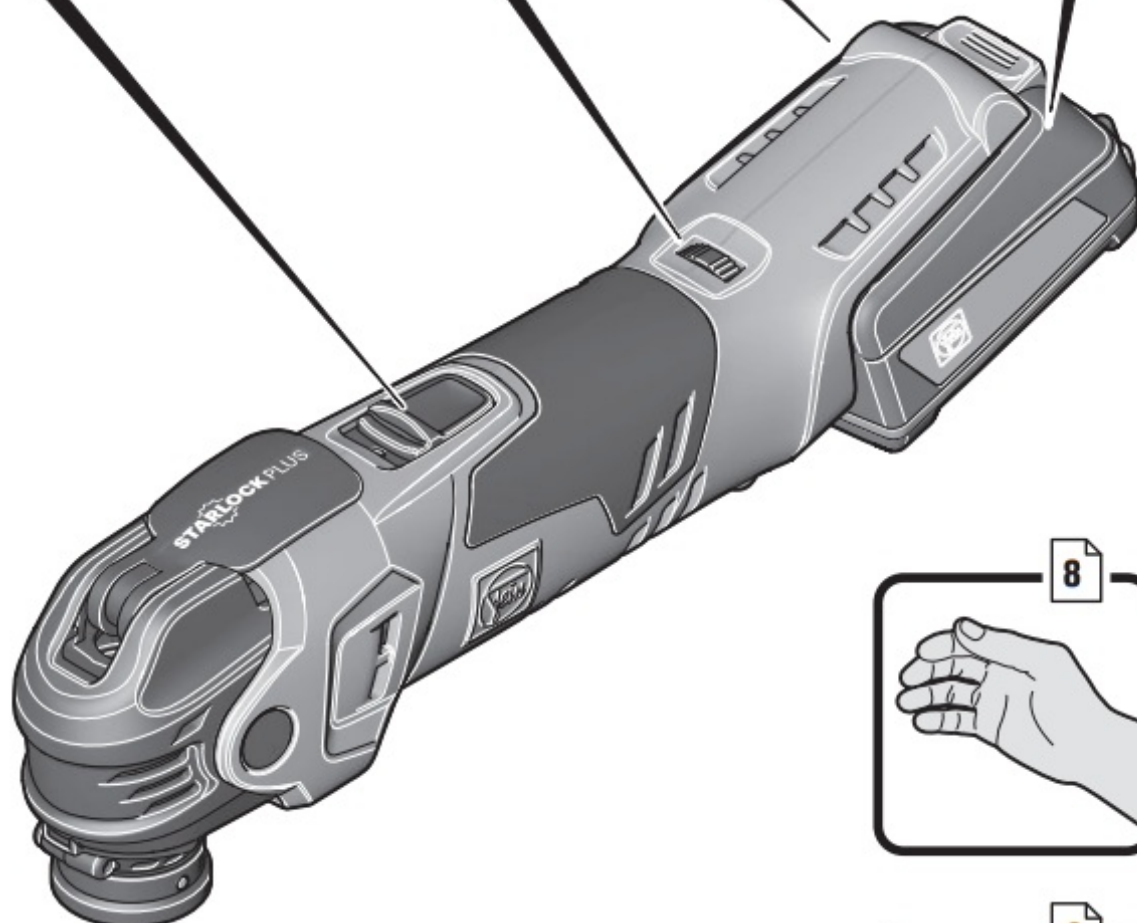
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7



4



8

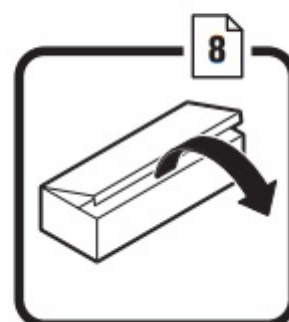


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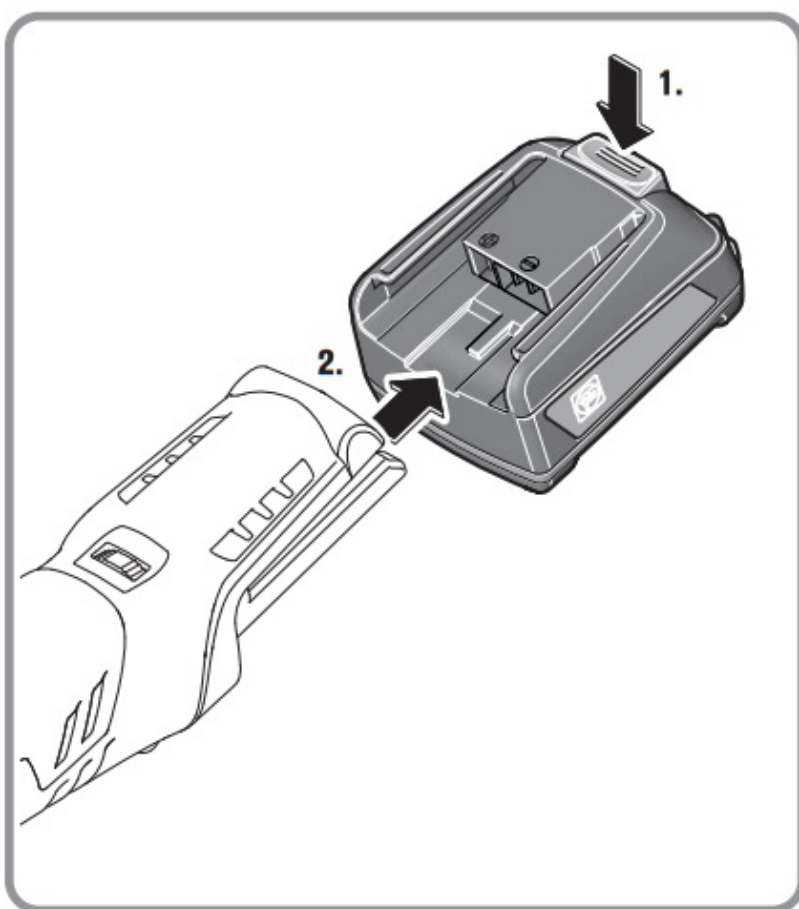
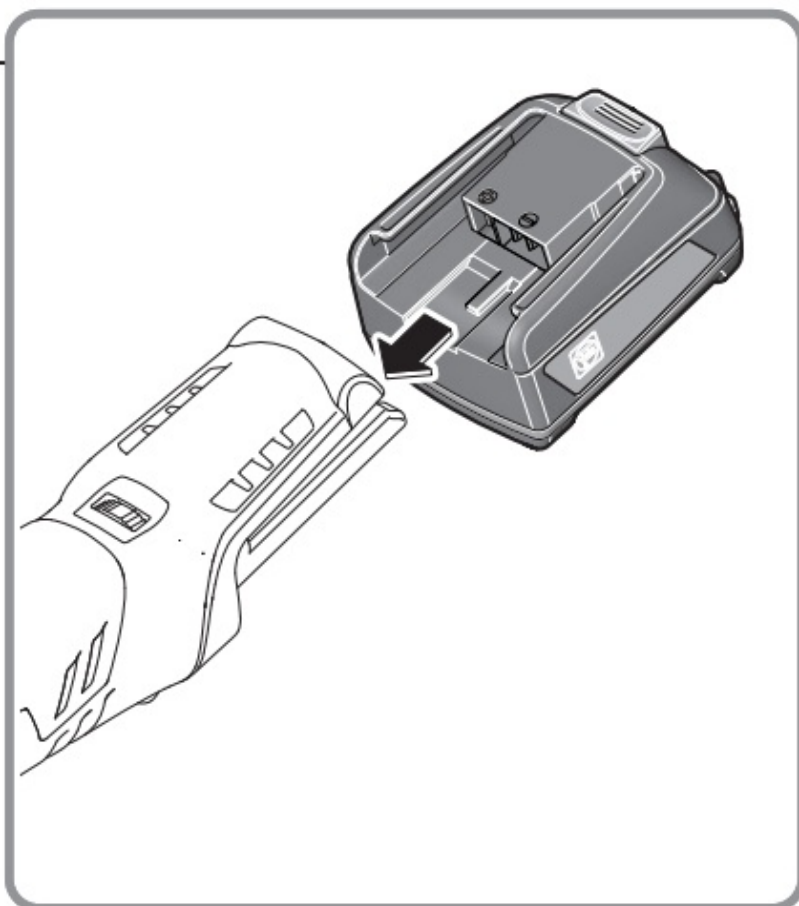


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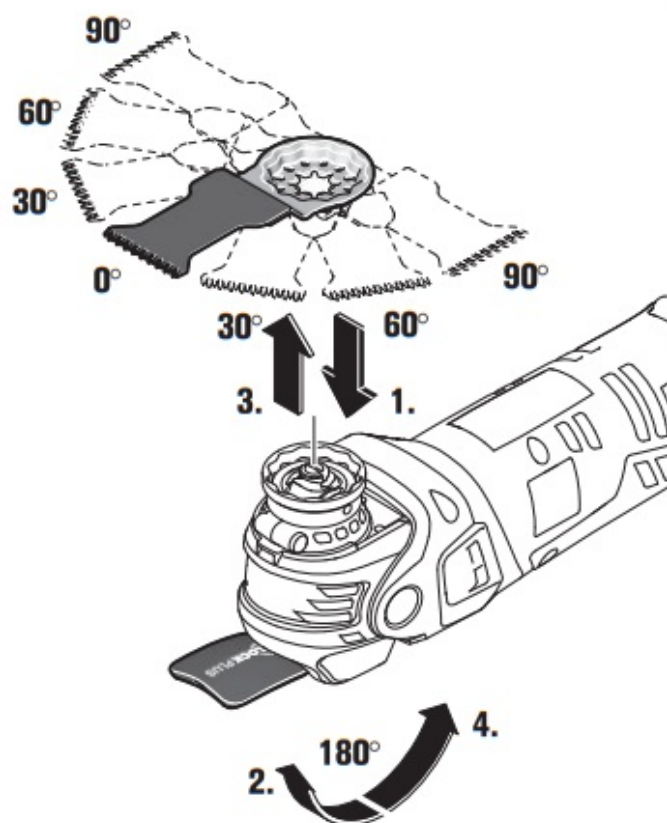
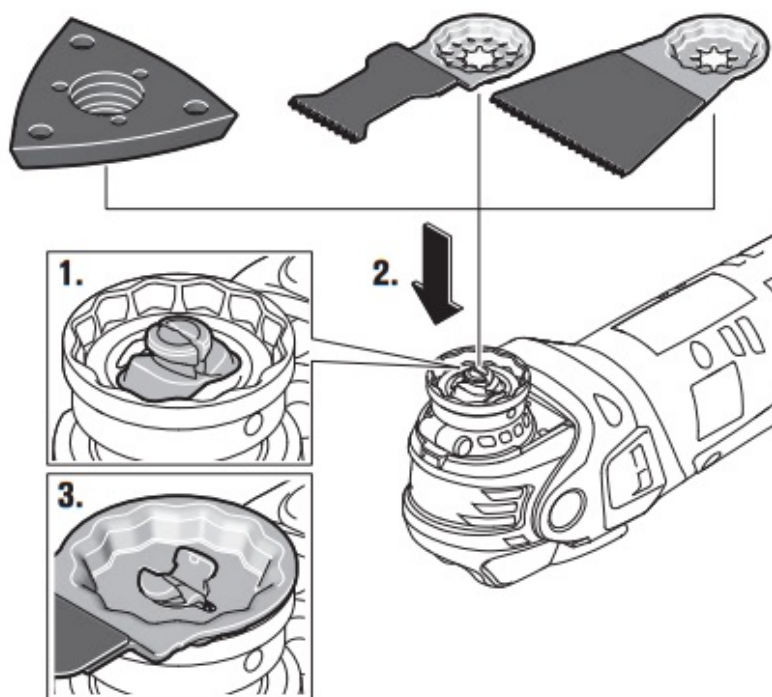
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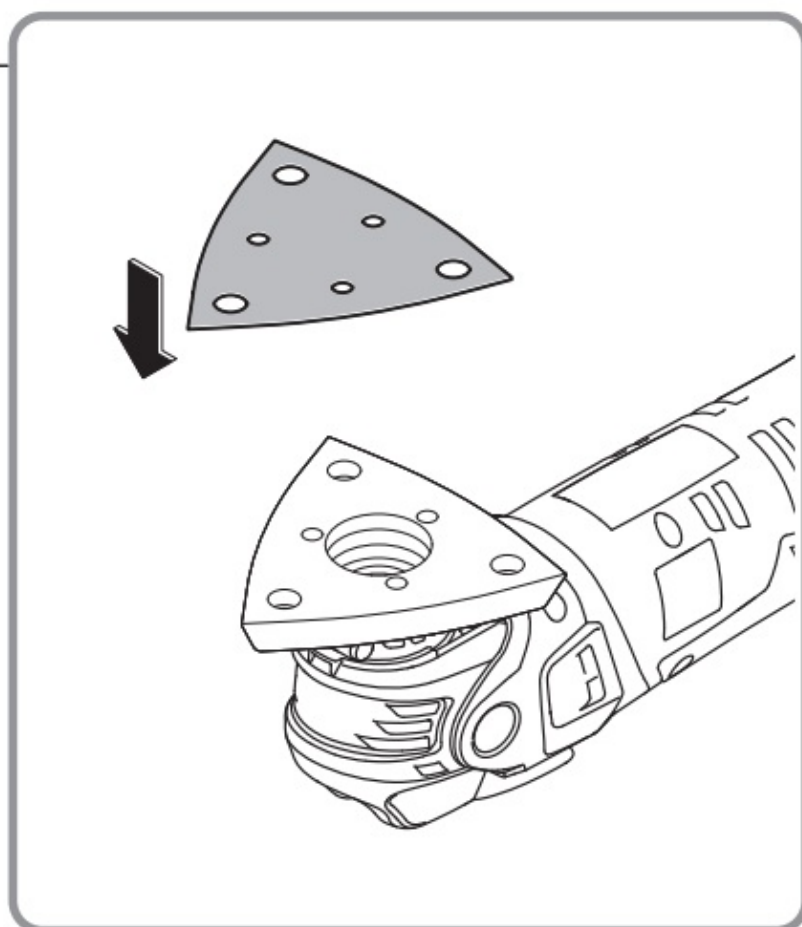
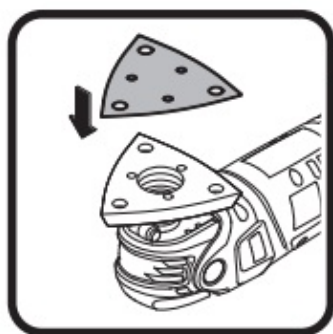
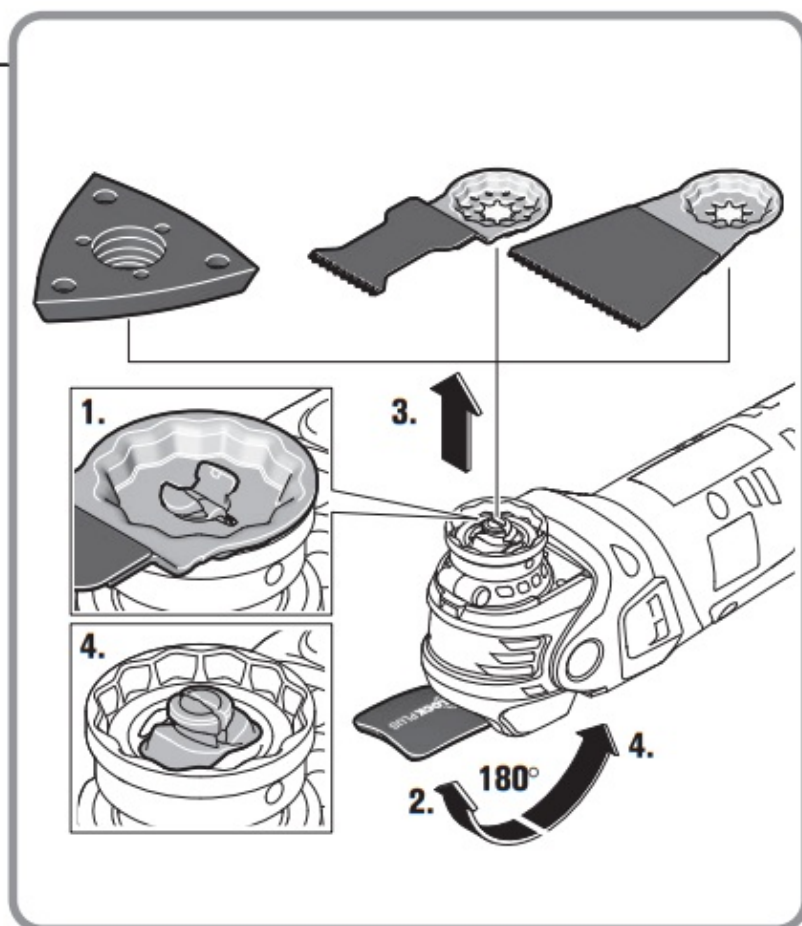


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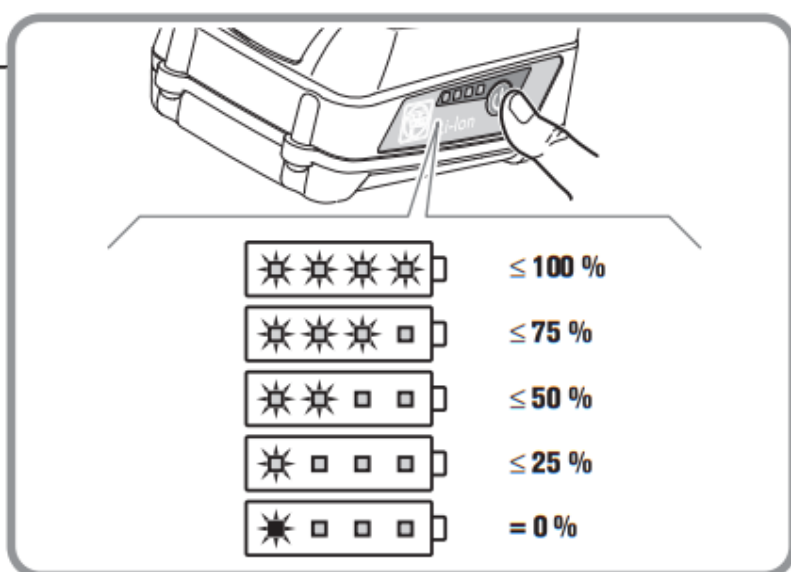
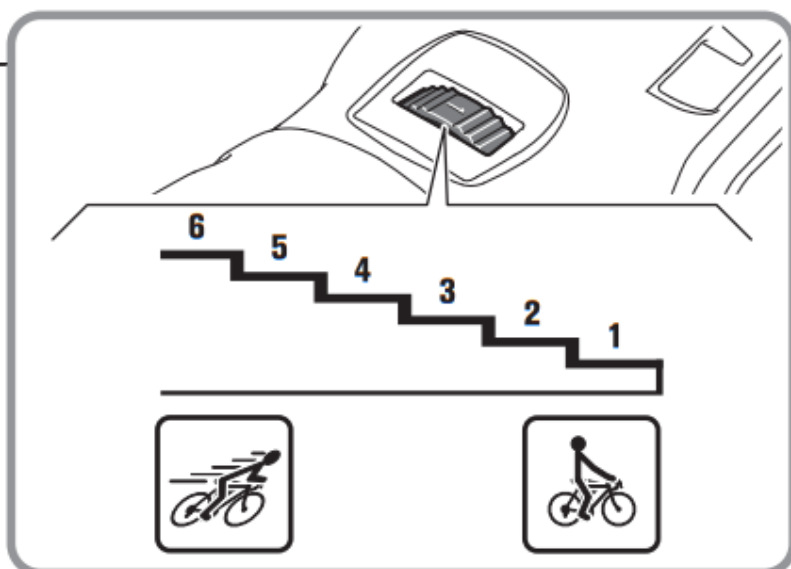
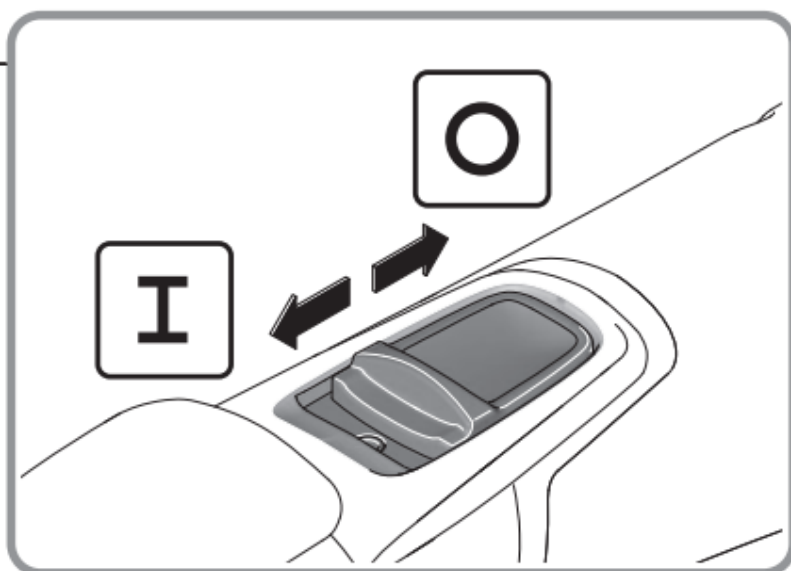
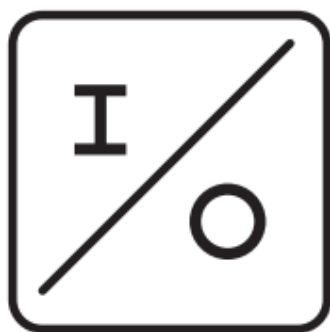


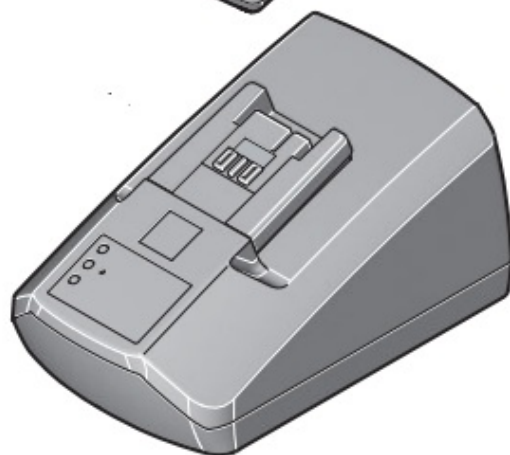
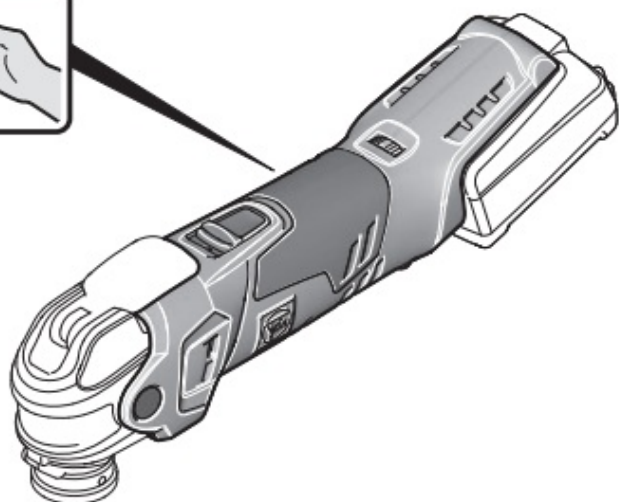
































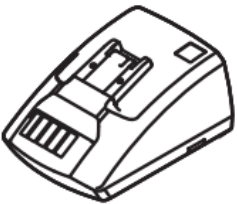









Symbol, character

Explanation

	Make sure to read the enclosed documents such as the Instruction Manual and the General Safety Instructions.
	Do not touch the saw blade. Danger of sharp application tools moving back and forth.
	Warning against sharp edges of application tools, such as the cutting edges of the cutter blades.
	Observe the instructions in the text or graphic opposite!
	General prohibition sign. This action is prohibited.
	Before commencing this working step, remove the battery from the power tool. Otherwise there may be danger of injury caused by unintentional starting of the power tool.
	Use eye protection during operation.
	Use ear protection during operation.
	Use a dust mask during operation.
	Use protective gloves during operation.
	Gripping surface
	Switching on
	Switching off
	Additional information.

	Do not charge damaged batteries.
	Keep the battery away from fire. Protect the battery against heat, e. g. against continuous intense sunlight.
	Observe the information in the adjacent text!
	Confirms the conformity of the power tool with the directives of the European Community .
	Confirms the conformity of the power tool with the directives of Great Britain (England, Wales, Scotland).
	This symbol confirms the certification of this product for the USA and Canada.
 <b>WARNING</b>	This sign indicates a possible dangerous situation that could cause severe or fatal injury.
	Recycling symbol: designates recyclable materials
	Worn out power tools and other electrotechnical and electrical products should be sorted separately for environmental-friendly recycling.
	Battery type
	Charger type

	Low oscillation rate
	High oscillation rate
	may contain numbers and letters
(Ax – Zx)	Marking for internal purposes

Character	Unit of measurement, international	Unit of measurement, national	Explanation
U	V	V	Rated voltage
F	Hz	Hz	Frequency
ns	/min, min <sup>-1</sup> , rpm, r/min	/min	Rated oscillation rate
	°	°	Oscillation angle
	kg	kg	Weight according to EPTA-Procedure 01
LPA	dB	dB	Sound
LwA	dB	dB	Sound
LpCpeak	dB	dB	Peak sound
K...			Uncertainty
a	nvs2	m/s <sup>2</sup>	Vibrational emission value according to EN 62841 (vector sum of three directions)
	m, s, kg, A, mm, V, W, Hz, N, °C, dB, min, nn/s <sup>2</sup> ,	m, s, kg, A, mm, V, W, Hz, N, °C, dB, min, m/s <sup>2</sup> ,	Basic and derived units of measurement from the international system of units SI.

### For your safety.



Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference. Do not use this power tool before you have thoroughly read and completely understood this Instruction Manual and the enclosed "General Safety Instructions" (document number 3 41 30 465 06 0). The documents mentioned should be kept for later use and enclosed with the power tool, should it be passed on or sold. Please also observe the relevant national industrial safety regulations.

#### **Intended use of the power tool:**

Hand-guided oscillator for sanding small surfaces, corners and edges, for sawing thin parts of steel sheet, wood and plastic, for scraping, polishing, rasping, cutting and separating without water in weather-protected environments, using the application tools and accessories recommended by FEIN.

#### **Special safety instructions.**

Hold power tool by insulated gripping surfaces only, because the cutting tool could cut into the machine's power cord. Contact with a "live" wire make exposed metal parts of tool "live" and shock the operator.

Use clamps or another practical way to secure and support the workpiece to a stable platform. Holding the work by hand or against your body leaves it unstable and may lead to loss of control.

Do not use accessories which are not specifically designed and recommended by the power tool manufacturer. Safe operation is not ensured merely because an accessory fits

your power tool.

Grasp the power tool in such a safe manner that your body never comes into contact with the application tool, especially while working with application tools such as saw blades or other blades pointed toward the grasping range. Touching sharp tips or cutting edges can lead to injuries.

Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. Where appropriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtering particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss. Do not direct the power tool against yourself, other persons or animals. Danger of injury from sharp or hot application tools.

Do not rivet or screw any name-plates or signs onto the power tool. If the insulation is damaged, protection against an electric shock will be ineffective. Adhesive labels are recommended.

Clean the ventilation openings on the power tool at regular intervals using non-metal tools. The blower of the motor draws dust into the housing. An excessive accumulation of metallic dust can cause an electrical hazard.

After working gypsum-containing materials: Blow out the ventilation openings of the power tool and the switch element with dry and oil-free compressed air. Otherwise, gypsum-containing dust can settle in the power tool housing and switch element, which can harden in connection with humidity. This can impair the switching mechanism. **Use and handling of the battery (battery pack).**

**To avoid hazardous situations such as burns, fire, explosion, skin injuries, and other injuries when handling the battery, observe the following instructions:** Batteries must not be disassembled, opened or reduced in size. Do not subject batteries to mechanical impact or shock. Hazardous vapours and fluid can escape in case of damage and improper use of the battery. The vapours can irritate the respiratory system. Liquid ejected from the battery may cause skin irritations or burns.

**When battery fluid from a damaged battery has come into contact with objects close by, check the respective components, clean them or replace them as required. Keep the battery away from heat and fire. Do not store the battery in direct sunlight. Do not remove the battery from its original packaging until it is going to be used.**

Before any work on the machine itself, remove the battery from the power tool. If the power tool accidentally starts, there is danger of injury.

Remove the battery only when the power tool is switched off.

Keep the battery away from children.

Keep the battery clean and protect it against moisture and water. Clean contaminated battery terminals and power tool connections with a dry, clean cloth.

Use only intact original FEIN batteries that are intended for your power tool. When working with and charging incorrect, damaged, repaired or reconditioned batteries, imitations or other brands, there is danger of fire and/or explosion.

**Follow the safety warnings in the operating instructions of the battery charger.**

#### **Handling hazardous dusts**

For work procedures with this power tool where material is removed, dusts develop that can be hazardous to one's health.

Contact with or inhaling some dust types, e. g. asbestos and asbestos-containing materials, lead-containing coatings, metal, some wood types, minerals, silicate particles from materials containing stone, paint solvents, wood preservatives, antifouling paints for vessels, can trigger allergic reactions to the operator or bystanders



and/or lead to respiratory infections, cancer, birth defects or other reproductive harm. The risk from inhaling dusts depends on the exposition. Use dust extraction matched appropriately for the developing dust, as well as personal protective equipment and provide for good ventilation of the workplace. Leave the processing of asbestos-containing materials to specialists.

Wood and light-metal dust, hot mixtures of grinding dust and chemical materials can self-ignite under unfavourable conditions or cause an explosion. Avoid sparking in the direction of the dust collector as well as overheating of the power tool and the materials being sanded, empty the dust collector/container in time, observe the material manufacturer's working instructions, as well as the relevant regulations in your country for the materials being worked.

#### Hand/arm vibrations

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN 62841 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

The declared vibration emission level represents the main applications of the tool. However, if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period. Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

#### Emission values for vibration

Vibration	a
Classification of FEIN application tools according to vibration class	Weighted acceleration*
VCO	< 2.5 m/s <sup>2</sup>
VC/	< 5 m/s <sup>2</sup>
VC2	< 7 m/s <sup>2</sup>
VC3	<10 m/s <sup>2</sup>
VC4	<15 m/s <sup>2</sup>
VC5	>15 m/s <sup>2</sup>
ICI	1.5 m/s <sup>2</sup>
* These values are based on a work cycle consisting of no-load and full-load operation of the same duration. For information on the vibration class assigned to the application tool, please see the enclosed data sheet 3 41 30 443 06 0.	

#### Operating Instructions.

**Do not use accessories not specifically intended and recommended for this power tool by FEIN.** The use of non-original FEIN accessories can lead to overheating of the power tool and destroy it.



Possible overloading of the vibration damping with especially heavy accessories!

When using the large round sanding plate

(No. 63806195210, Ø115 mm) or the cleaning kit for tilejoints (No. 63719011220), the damping system can be subject to overload due to the heavy weight of the accessories. This becomes apparent through unpleasant and very intense vibration of the machine. Corrective action: Reduce the speed of the machine to electronic level 2. Due to the then possibly reduced working progress, the machine is only suitable to a limited extent for above mentioned accessories.



Guide the power tool toward the work piece only when switched on.

The application tool can be offset in 30° steps and fastened in the most favourable working position.

### Changing the tool (see pages 5/6).



Do not switch the power tool on while the clamping lever is open. Otherwise there is danger of crushes or contusions to the hand and fingers.



Do not actuate the clamping lever while the power tool is running. Otherwise there is danger of injury.



Do not reach into the area of the clamping jaws. Otherwise there is danger of crushes or contusions to the fingers.



Do not operate the power tool with open clamping jaws and without an application tool! This could damage the power tool.



When the clamping jaws are open before the application tool is inserted, pivot the clamping lever toward the front and then back again. The clamping jaws are closed now. The application tool can be inserted.

### Handling the battery.

Store, operate and charge the battery only using FEIN battery chargers within the battery operating-temperature range between 5 °C – 45 °C (41 °F – 113 °F). At the beginning of the charging procedure, the battery temperature must be within the battery operating-temperature range.

LED indicator	Meaning	Activity
1 — 4 green LED	Percentage of charge condition	Operation
Continuous red light	Battery is almost empty	Charge battery
Red flashing light	Battery is not ready for operation	Bring the battery into the battery operating temperature range, then charge

The real percentage of the battery charge condition is only indicated when the power tool motor is stopped. The electronics automatically switch off the motor prior to the battery being deep discharged.

### Notes on sanding.

Press the power tool with the sanding sheet briefly and firmly against a flat surface and briefly switch the power tool on. This provides for good adhesion and prevents premature wear.

When only one tip or corner of the sanding sheet is worn, it can be removed again and reattached turned by 120°.

Work with the entire surface of the sanding plate, not only with the edge or tip.

When sanding with small triangle sanding plates, select a high oscillating frequency (electronics level 4 – 6); when sanding with the round sanding plate and the large triangle sanding plate, select a moderate oscillating frequency (max. electronics level 4).

Sand with continuous motion applying moderate pressure. Applying excessive pressure does not increase the rate of removal, it only wears off the sanding sheet faster.

### Notes on sawing.

Select a high oscillating frequency. Round saw blades can be released and clamped offset again, to allow for uniform wearing off. Notes on scraping. Select a moderate to high oscillating frequency.

### Repair and customer service.



When working metal under extreme operating conditions, it is possible for conductive dust to settle in the interior of the power tool. Blow out the interior of the power tool via the ventilation slots frequently with dry and oil-free compressed air.

When working gypsum-containing materials, dust can settle within the power tool and switch element, which can harden in connection with humidity. This can impair the switching mechanism. Blow out the interior of the power tool via the ventilation slots and the switch element frequently with dry and oil-free compressed air.

For storage of the power tool, remove the application tool, shut the clamping lever, and then press in the fastening element.

Products that have come into contact with asbestos may not be sent in for repair. Dispose of products contaminated with asbestos according to the applicable country-specific regulations for such disposal. The current spares parts list for this power tool can be found on our website at [www.fein.com](http://www.fein.com).

Use only original spare parts.

**If required, you can change the following parts yourself:** Application tools

## **Warranty and liability.**

The warranty for the product is valid in accordance with the legal regulations in the country where it is marketed. In addition, FEIN also provides a guarantee in accordance with the FEIN manufacturer's warranty declaration. The delivery scope of your power tool may include only a part of the accessories described or shown in this Instruction Manual.

### **Declaration of conformity.**

This CE declaration is only valid for European Union and EFTA (European Free Trade Association) countries and only for products intended for the EU- or EFTA market. After placing the product on the EU market the UKCA mark loses its mark validity.

The UKCA declaration is only valid for the Great Britain market (England, Wales and Scotland) and only for products intended for the Great Britain market.

After placing the product on the Great Britain market the CE mark loses its mark validity. FEIN declares itself solely responsible for this product conforming with the relevant provisions given on the last page of this Instruction Manual.

Technical documents at: C. & E. Fein GmbH, D-73529 Schwäbisch Gmünd

### **Environmental protection, disposal.**

Packaging, worn out power tools and accessories should be sorted for environmental-friendly recycling. Dispose of batteries only when discharged.

For batteries that are not completely discharged, insulate the terminals with tape as a protective measure against short-circuiting.



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DIN EN 62841-1:2015 + AC:2015

DIN EN 62841-2-4:2014+AC:2015

DIN EN 55014-1:2017 + A11:2020

DIN EN 55014-2:2015

DIN EN 55014-2:1997+A1:2001+A2:2008+AC:1997

2006/42/EG, 2014/30/EU, 2011/65/EU

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### **FEIN Service**

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Schwäbisch Gmünd-Bargau, 28.05.2021



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BS EN 62841-1:2015 + AC:2015

BS EN 62841-2-4:2014+AC:2015

BS EN 55014-1:2017 + A11:2020

BS EN 55014-2:2015

BS EN 55014-2:1997+A1:2001+A2:2008+AC:1997

Supply of Machinery Regulations 2008,

EMC Regulation 2006, The Restriction of the Use of Certain Hazardous

Substances In Electrical and Electronic Equipment Regulations 2012

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[www.fein.com](http://www.fein.com)



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**FEIN**

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Technische Änderungen vorbehalten.

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## Documents / Resources



[Fein DCH735 Cordless Combined Hammer](#) [pdf] Instruction Manual

DCH735 Cordless Combined Hammer, DCH735, Cordless Combined Hammer, Combined Hammer, Hammer

## References

-  [High quality power tools and accessories | C. & E. Fein GmbH](#)

Manuals+.