

Einhell TC-JS 18-70 Li Cordless Jigsaw Instruction Manual

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Einhell TC-JS 18-70 Li Cordless Jigsaw



TC-JS 18/70 Li

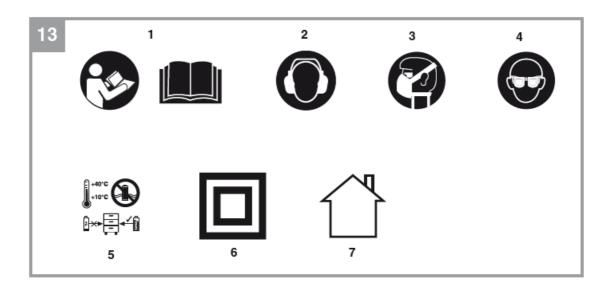
Original operating instructions

Cordless Jigsaw

Danger!

When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating instructions and safety regulations with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, hand over these operating instructions and safety regulations as well. We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety instructions.

Explanation of the symbols used (see Fig. 13)



- 1. **Danger!** Read the operating instructions to reduce the risk of injury.
- 2. Caution! Wear ear-muff s. The impact of noise can cause damage to hearing.
- 3. Caution! Wear a breathing mask. Dust which is injurious to health can be generated when working on wood

and other materials. Never use the device to work on any materials containing asbestos!

- 4. **Caution!** Wear safety goggles. Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.
- 5. Store the batteries only in dry rooms with an ambient temperature of +10°C to +40°C. Place only fully charged batteries in storage (charged at least 40%).
- 6. Safety class II
- 7. For use in dry rooms only.

Safety regulations

The corresponding safety information can be found in the enclosed booklet.

Warning!

Read all the safety information, instructions, illustrations and technical data provided on or with this power tool. Failure to adhere to the following instructions may result in electric shock, fi re and/or serious injury.

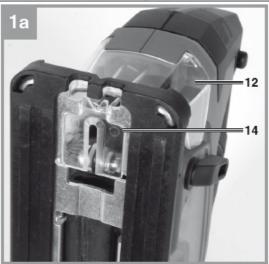
Keep all the safety information and instructions in a safe place for future use.

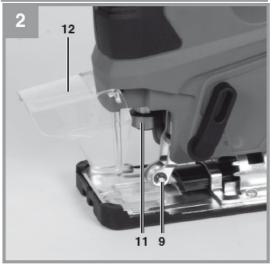
Layout and items supplied

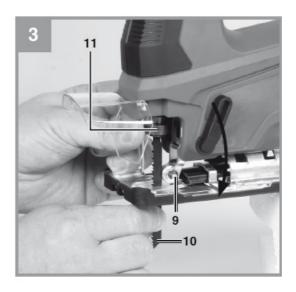
Layout (Fig. 1,2,3)

- 1. Handle
- 2. Locking button for On/Off switch
- 3. On/Off switch
- 4. Adapter for dust extraction system
- 5. Adjustable soleplate
- 6. Removable cover
- 7. Selector switch for pendulum action
- 8. Graduated scale for soleplate
- 9. Guide roller
- 10. Blade
- 11. Blade holder
- 12. Safety guard
- 13. Locking screws for soleplate
- 14. Splinter guard
- 15. Hexagon key









Items supplied

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

- Open the packaging and take out the equipment with care.
- Remove the packaging material and any packaging and/or transportation braces (if available).
- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

Danger!

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

- · Cordless jigsaw
- · Adapter for dust extraction system
- · Splinter guard
- Charger
- Battery
- Original operating instructions
- · Safety information

Proper use

The jigsaw is designed for sawing wood, metals, non-ferrous metals and plastics using the appropriate saw blade. The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

Technical data

Motor power supply: 18 V DC			
• Stroke speed: 0 – 2,700 min-1			
Stroke height:			
Saw blade width 0.8-1.6 mm			
Cutting depth, wood: 70 mm			
Cutting depth, plastic: 10 mm			
Cutting depth, iron/aluminium: 8 mm			
Miter cut: up to 45° (left and right)			
Battery charger output voltage:20 V d. c.			
Battery charger output current:3 A			
• Mains voltage for charger: 200-250V~ 50-60Hz			
Battery type:Lithium-ion			
Number of battery cells: 5			
Battery capacitance: 2.5 Ah			
• Weight:1.6 kg			

Danger!

Sound and vibration

Sound and vibration values were measured in accordance with EN 62841.

•	LpA sound pressure level	79.5 dB(A)
•	KpA uncertainty	3 dB
•	LWA sound power level	90.5 dB(A)

• KWA uncertainty 3 dB

Wear ear-muffs.

The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) determined in accordance with EN 62841.

Sawing particleboard

Vibration emission value ah = 7.843 m/s2 K uncertainty = 1.5 m/s2

Sawing sheet metal

Vibration emission value ah = 8.932 m/s2 K uncertainty = 1.5 m/s2

The stated vibration emission levels and stated noise emission values were measured in accordance with a set of standardized criteria and can be used to compare one power tool with another.

The stated vibration emission levels and stated noise emission values can also be used to make an initial assessment of exposure.

Warning

The vibration and noise emission levels may vary from the level specified during actual use, depending on the way in which the power tool is used, especially the type of workpiece it is used for.

Keep the noise emissions and vibrations to a minimum.

- Only use appliances which are in perfect working order.
- Service and clean the appliance regularly.
- · Adapt your working style to suit the appliance.
- · Do not overload the appliance.
- Have the appliance serviced whenever necessary.
- Switch the appliance off when it is not in use.
- · Wear protective gloves.

Caution!

Residual risks

Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be rules out. The following hazards may arise in connection with the equipment's construction and layout

- 1. Lung damage if no suitable protective dust mask is used.
- 2. Damage to hearing if no suitable ear protection is used.
- 3. Health damage caused by hand-arm vibrations if the equipment is used over a pro longed period or is not properly guided and maintained.

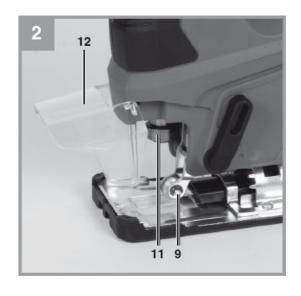
Before starting the equipment

Warning!

Always remove the battery pack before making adjustments to the equipment.

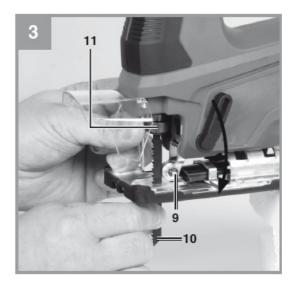
Safety guard (Fig. 2/Item 12)

- The safety guard (12) protects the user from accidentally touching the saw blade (10) but still gives you an unobstructed view of the cutting area.
- The safety guard (12) must always be fitted and in position before starting any sawing work.
- The safety guard (12) can be pulled up as shown in Fig. 2.

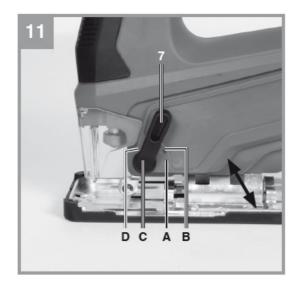


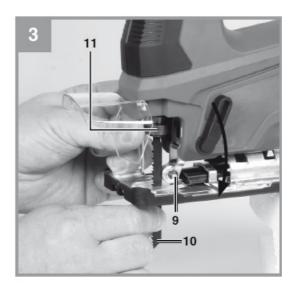
Changing the saw blade (Fig. 3/Item 10) Warning!

Remove the battery pack before you fit or replace a saw blade.



- You can fit or replace saw blades without using any other tools.
- Set the selector switch for pendulum action (7) to position A (see Fig. 11).
- The teeth of the saw blade are very sharp!
- Remove the safety guard (12).
- Press the blade holder (11) and insert the saw blade (10) into the blade holder (11) as far as the stop (Fig. 3). The teeth on the saw blade must be pointing forwards.
- Allow the blade holder (11) to slide back to starting position. The saw blade (10) must sit in the guide roller (9).
- Check that the saw blade (11) is securely mounted in the blade holder.
- To remove the saw blade, follow the instructions above in reverse order.

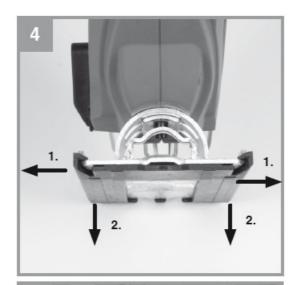


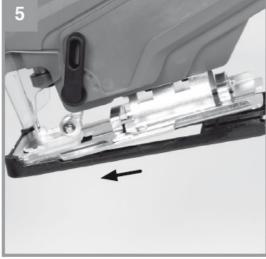


Removing the cover (Fig. 4+5/Item 6)

The adjustable soleplate (5) is equipped with a removable cover (6) to protect sensitive surfaces. To remove the cover (6), press the two corners outwards and pull the cover down and off (Fig. 4). Now push the cover (6) forwards (Fig. 5).

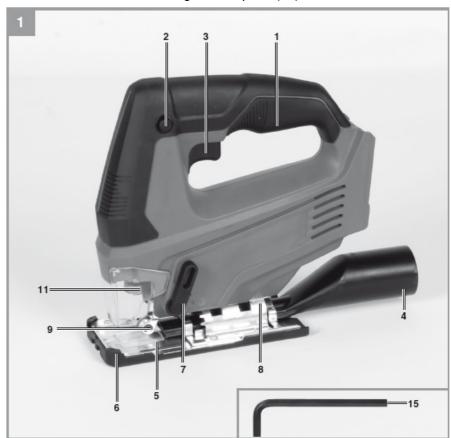
To fit the cover, proceed in reverse order.







- Use the hexagon key (15) to loosen the screws for the soleplate (13) on the bottom of the adjustable soleplate (5) (Fig. 7).
- Pull the soleplate (5) backwards slightly. The soleplate can now be swiveled a maximum 45° to the left and right.
- If the soleplate (5) is pushed back to the front again it will only function in the locking positions at 0°, 15°, 30° and 45°, which are marked on the graduated scale for the sole-plate (8) (Figure 1). Move the soleplate into the required position and refasten the screw securing the soleplate (13).



• However, the soleplate (5) is also easily set to another angle. To do so, move the soleplate (5) to the rear, set the desired angle and re fasten the screw securing the soleplate (13).

Adapter for dust extraction system (Fig. 6/Item 4)



- Connect your jigsaw to a vacuum cleaner using the adaptor for dust extraction (4). This will ensure optimum dust extraction from the workpiece. The benefits are that you will pro-tect both the equipment and your own health. Your work area will also be cleaner and safer.
- Dust created when working may be dangerous. Refer to the section entitled "Safety information".
- Fit the adapter (4) as shown in Fig. 6. The adapter (4) must audibly engage to ensure that it is secure in the soleplate (5). The adapter for chip extraction (4) cannot be used for miter cuts.
- Fit the vacuum tube of the vacuum cleaner onto the adaptor opening (4). Check that the connections are airtight.

Splinter guard (Fig. 7/Item 14)

The splinter guard ensures that the material you want to cut does not splinter or crack during sawing. Insert it into the soleplate from underneath as shown in Fig. 7.

Note! The splinter guard can be used only for 0° cuts and must be removed for miter cuts up to 45°!



Charging the Li battery pack (Fig. 8-9)

- 1. Remove the battery pack (d) from the handle, pressing the pushlock button (c) downwards to do so.
- 2. Check that your mains voltage is the same as that marked on the rating plate of the battery charger. Insert the

power plug of the charger (e) into the mains socket outlet. The green LED will then begin to fl ash.

3. Push the battery pack onto the battery charger.





In section 10 (Charger indicator) you will find a table with an explanation of the LED indicator on the charger.

If the battery pack fails to charge, check for the following

- · voltage at the power socket
- whether there is good contact at the charging contacts of the charging unit

If the battery pack still fails to charge, send

- the charger and charging adapter
- and the battery pack to our customer service center.

To ensure that items are properly packaged and delivered when you send them to us, please contact our customer service or the point of sale at which the equipment was purchased.

When shipping or disposing of batteries and cordless tools, always ensure that they are packed individually in plastic bags to prevent short circuits and fires.

To ensure that the battery pack provides long service, you should take care to recharge it promptly. You must

recharge the battery pack when you notice that the performance of the device drops. Never allow the battery pack to become fully discharged. This will cause it to develop a defect.

Battery capacity indicator (Fig. 8 /Item b)

Press the button for the battery capacity indicator (a). The battery capacity indicator (b) shows the charge status of the battery using 3 LEDs.



All 3 LEDs are lit

The battery is fully charged.

2 or 1 LED(s) are lit

The battery has an adequate remaining charge.

1 LED flashes

The battery is empty, recharge the battery.

All LEDs blink

The battery temperature is too low. Remove the battery from the equipment, keep it at room temperature for one day. If the fault reoccurs, this means that the rechargeable battery has undergone exhaustive discharge and is defective. Remove the battery from the equipment. Never use or charge a defective battery.

Operation

On/Off switch (Fig. 10/Item 3)

To switch on

Press the locking button (2) and the On/Off switch (3).

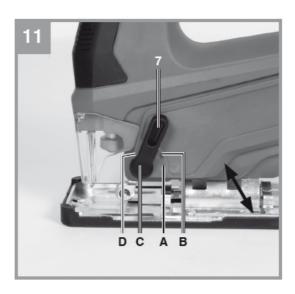
Infinitely variable stroke speed control is possible with the On/Off switch (3). The further you push the switch, the higher the stroke speed.

To switch off

Release the locking button (2) and the On/Off switch (3).



Setting the pendulum action (Fig. 11/Item 7)



The strength of the pendulum action of the saw blade (10) can be adjusted using the selector switch for pendulum action (7).

You can adjust the cutting speed, cutting performance and appearance of the cut to the workpiece you want to saw.

Set the selector switch for pendulum action (7) to one of the following positions:

- Position A = no pendulum action
- Material: Rubber, ceramic, aluminium, steel Please note: For fi ne and clean cuts, thin materials (e.g. sheet steel) and hard materials.
- Position B = small pendulum action
- Material: Plastic, wood, aluminium
- Please note: For hard materials.
- Position C = medium pendulum action Material: Wood
- Position D = large pendulum action
- · Material: Wood

Please note: For soft materials and sawing along the grain

The best combination of speed and pendulum action depends on the material you want to saw. We recommend you to make a trial cut on a waste piece in order to check the ideal settings.

Making cuts

Caution!

Make sure that the On/Off switch (3) is not depressed. Only then should you connect the battery pack to the equipment.

- Do not switch on the jigsaw until you have fitted a saw blade.
- Use only saw blades that are in perfect condition. Replace blunt, bent or cracked saw blades immediately.
- Place the saw foot flat on the workpiece you want to saw. Switch on the jigsaw.
- Allow the saw blade to accelerate until it reaches full speed. Then slowly move the saw blade along the cutting line. Exert only gentle pressure on the saw blade as you do so.
- When cutting metal, apply a suitable coolant along the line you want to cut.

Sawing out sections (Fig. 12)

Drill a 10 mm hole in the section you want to saw out. Insert the saw blade into this hole and start to saw out the required section.



Miter cuts

- Set the angle on the soleplate (see section 5.4).
- Observe the instructions in section 6.3.
- Cut as shown in Fig. 9.



Cleaning, maintenance and ordering of spare parts

Danger!

Always remove the battery pack before making adjustments to the equipment.

Cleaning

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- · We recommend that you clean the device immediately each time you have finished using it.
- Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device. The ingress of water into an electric tool increases the risk of an electric shock.

Maintenance

There are no parts inside the equipment which require additional maintenance.

Ordering spare parts and accessories

Please provide the following information when ordering spare parts

- · Type of unit
- · Article number of the unit
- ID number of the unit
- Spare part number of the required spare part For our latest prices and information please go to www.Einhell-service.com

Tip! For good results we recommend high-quality accessories from! www.kwb.eu

welcome@kwb.eu

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Never place defective equipment in your household refuse. The equipment should be taken to a suitable collection center for proper disposal. If you do not know the whereabouts of such a collection point, you should ask in your local council offices.

Storage

Store the equipment and accessories in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5 and 30 °C. Store the electric tool in its original packaging.

Charger indicator

Indicator status			
Red LED	Green LED	Explanations and actions	
Off	Flashing	Ready for use The charger is connected to the mains and is ready for use; there is no battery pack in the charger	
On	Off	Charging The charger is charging the battery pack in quick charge mode. The charging tim es are shown directly on the charger. Important! The actual charging times may vary slightly from the stated charging times depending on the existing battery charge.	
		The battery is charged and ready for use. (READY TO GO)	
		The unit then changes over to gentle charging mode until the battery is fully charg ed.	
Off	On	To do this, leave the rechargeable battery on the charger for approx. 15 minutes I onger.	
		Action Take the battery pack out of the charger. Disconnect the charger from the mains s upply.	
		Adapted charging The charger is in gentle charging mode. For safety reasons the charging is perfor med less quickly and takes more time. The reasons can be:	
		The rechargeable battery has not been used for a very long time.	
Flashing	Off	The battery temperature is outside the ideal range.	
		Action Wait for the charging to be completed; you can still continue to charge the battery pack.	
Flashing	Flashing	Fault Charging is no longer possible. The battery pack is defective. Action Never charge a defective battery pack. Take the battery pack out of the charger.	
On	On Temperature fault The battery pack is too hot (e.g. due to direct sunshine) or too cold (below colon) Remove the battery pack and keep it at room temperature (approx. 20° C) day.		



Power tools, rechargeable batteries, accessories and packaging should be sorted for environmental-friendly recycling.

Do not dispose of power tools and batteries/rechargeable batteries into household wastel

Only for EU countries

According to the Directive 2012/19/EU on waste electrical and electronic equipment and its transposition into national law, power tools that are no longer usable, and, according to the Directive 2006/66/EC, defective or drained batteries must be collected separately and disposed of in an environmentally correct manner. If disposed incorrectly, waste electrical and electronic equipment may have harmful effects on the environment and human health, due to the potential presence of hazardous substances.

Only for United Kingdom

According to The Waste Electrical and Electronic Equipment Regulations 2013 (SI 2013/3113) (as amended) and the Waste Batteries and Accumulators Regulations 2009 (SI 2009/890) (as amended), products that are no longer usable must be collected separately and disposed of in an environmentally friendly manner. The reprinting or reproduction by any other means, in whole or in part, of documentation and papers accompanying products is permitted only with the express consent of the Einhell Germany AG.

Subject to technical changes.

Service information

We have competent service partners in all countries named on the guarantee certificate whose contact details can also be found on the guarantee certificate. These partners will help you with all service re-quests such as repairs, spare and wearing part orders or the purchase of consumables.

Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

Category	Example
Wear parts*	Guide roller, Battery, Splinter guard
Consumables*	Saw blade
Missing parts	

Not necessarily included in the scope of delivery!

In the eff ect of defects or faults, please register the problem on the internet at www.Einhell-Service.com. Please ensure that you provide a precise description of the problem and answer the following questions in all cases

- Did the equipment work at all or was it defective from the beginning?
- Did you notice anything (symptom or defect) prior to the failure?
- What malfunction does the equipment have in your opinion (main symptom)? Describe this malfunction.

Warranty certificate

Dear Customer.

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that this equipment develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the service number shown. Please note the following terms under which guarantee claims can be made

- 1. These guarantee terms apply solely to consumers, i.e. natural persons, who do not want to use this product in connection with either their commercial or other self-employed activities. These guarantee terms regulate additional guarantee services which the undermentioned manufacturer promises to buyers of its new products in addition to their statutory rights of guarantee. Your statutory rights of guarantee are not affected by this guarantee. Our guarantee is free of charge to you.
- 2. The guarantee services cover only defects due to material or manufacturing faults on the new product which you have bought in the European Union from the undermentioned manufacturer and are limited to either the rectification of said defects or the replacement of the product, whichever we prefer. Please note that only equipment under the brand name "Professional" has been designed for use in commercial, trade or professional applications. For all other products the guarantee is invalidated if the equipment is used within the guarantee period in commercial, trade or industrial applications or for other equivalent activities.
- 3. Our guarantee does not cover:
 - Damage to the equipment caused by failure to comply with the installation/assembly instructions or by unprofessional installation; damage caused by failure to comply with the operating instructions (e.g. connection to the wrong mains voltage or current type); damage caused by failure to comply with the maintenance and safety regulations; damage caused by exposing the equipment to abnormal environmental conditions; damage resulting from poor care and maintenance.
 - Damage to the equipment caused by misuse or incorrect applications (e.g. overloading the equipment or using non-approved attachments or accessories); damage caused by foreign bodies (e.g. sand, stones, dust,) getting inside the equipment. Damage in transit; damage caused by force or external influences (e.g. by dropping the equipment).
 - Damage to the equipment or parts of the equipment which is owed to use-related, normal or otherwise natural wear. For example, batteries and battery packs are manufactured with a cycle limit for design-related reasons. Wear is negatively influenced in particular by load demands and charging speeds as well as exposure to heat, cold, vibration and impact.
- 4. The guarantee is valid for a period of 2 years starting from the purchase date of the equipment. Guarantee claims must be submitted before the end of the guarantee period and within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the equipment even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or for any replacement parts fitted. This also applies if on-site service is used.
- 5. To assert your guarantee claim, register the defective equipment at: www.Einhell-Service.com. You will need to provide proof of purchase of the new item of equipment. Equipment returned without such proof or without a rating plate are excluded from the guarantee services because of the lack of traceability. If the defect is covered by our guarantee, then either the item in question will be repaired immediately and returned to you or we will send you a new replacement.
- 6. If you have taken the equipment with you to a different EU country than where you bought it, we will arrange for a local service partner to provide the guarantee services. If you take the equipment outside the EU, the

guarantee will not apply.

Of course, we are also happy to offer a chargeable repair service for any defects which are not covered or no longer covered by the scope of this guarantee. To take advantage of this service, please send the equipment to our service address. We draw attention to the restrictions of this guarantee concerning wear parts, consumables and missing parts as presented in the service information included in this operating manual.

Warrantor/ Service

Einhell UK Ltd, Unit 10, 1st Floor, Champion's Business Park, Arrowe Brook Road, Upton, Wirral, CH49 0AB

CE

Declaration of conformity: We declare conformity in accordance with the EU directive and standards for article

Akku-Stichsäge* TC-JS 18/70 Li (Einhell)

2014/29/EU

2005/32/EC_2009/125/EC

(EU)2015/1188

2014/35/EU

2006/28/EC

2014/30/EU

2014/32/EU

2014/53/EU

2014/68/EU

(EU)2016/426

Notified Body:

(EU)2016/425

2011/65/EU_(EU)2015/863

2006/42/EC

Annex IV

Notified Body:

Reg. No.:

2000/14/EC_2005/88/EC

Annex VI Annex VI

Noise: measured LWA = dB (A); guaranteed LWA = dB (A) P = kW; L/\emptyset = cm

Notified Body

2012/46/EU (EU)2016/1628

Emission No.

Standard references: EN 62841-1; EN 62841-2-11; EN IEC 55014-1; EN IEC 55014-2

ISC GmbH · Eschenstraße 6 · D-94405 Landau/Isar

Landau/Isar, den 08.01.2024

Andreas Weichselgarther/General-Manager

Nigel Yang/Product-Management

• First CE: 2024

Art.-No.: 43.212.80 I.-No.: 21014

Subject to change without notice

Archive-File/Record: NAPR031673
 Documents registrar: Thomas Fischer
 Wiesenweg 22, D-94405 Landau/Isar

GB Cordless Jigsaw

Declaration of conformity

We, Einhell UK Ltd

Champions Business Park, First Floor Unit 10, Arrowe Brook Rd, Upton, Wirral CH49 0AB, United Kingdom declare the conformity to UK standards and legislation was assessed for

Cordless Jig Saw TC-JS 18/70 Li (Einhell)

UK legislation

- Simple Pressure Vessels (Safety) Regulation X
- Electrical Equipment (Safety) Regulation
- · Radio Equipment Regulation
- Personal Protective Equipment Regulation
- The Ecodesign for Energy-Related Products and Energy Information Regulation
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulation
- Noise Emission in the Environment by Equipment for use Outdoors Regulation
- Noise: measured LWA = dB (A); guaranteed LWA = dB (A)
- Supply of Machinery (Safety) Regulation
- Electromagnetic Compatibility Regulation
- Measuring Instruments Regulation
- Pressure Equipment (Safety) Regulation
- Annex IV
- · Notified Body
- · Reg. No.

Standards: BS EN 62841-1; BS EN 62841-2-11; BS EN IEC 55014-1; BS EN IEC 55014-2

Wirral, 2024.01.08

Tom Chambers Managing Director Finhell UK Ltd

Article Number: 43.212.80 I.-No.: 21014 Subject to change without notice

Archive-File/Record: NAPR031673
 Documents registrar: Thomas Fischer

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Documents / Resources



Einhell TC-JS 18-70 Li Cordless Jigsaw [pdf] Instruction Manual

TC-JS 18-70 Li, 4321280, TC-JS 18-70 Li Cordless Jigsaw, TC-JS 18-70, Li Cordless Jigsaw, C ordless Jigsaw, Jigsaw

References

- **Einhell Service**
- 3 Service.com is for sale | www.brandforce.com
- **Einhell Service**
- E Herramientas de alta calidad para aficionados al bricolaje y la jardinería | Einhell.es
- kwb Germany GmbH
- User Manual

Manuals+, Privacy Policy

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