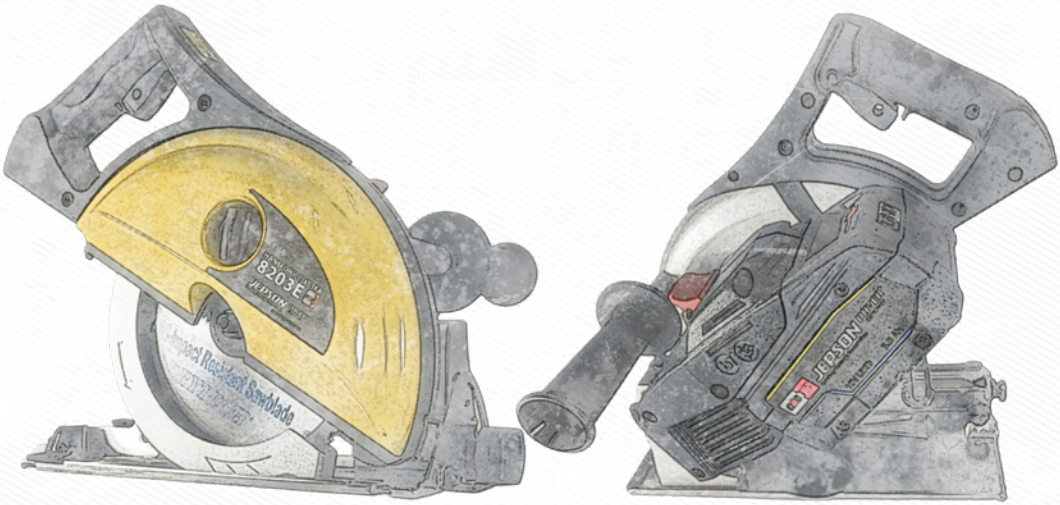
JEPSON POWER® GERMANY
Leading Through Innovation

Management System ISO 9001:2015

CORDLESS METAL CUTTING CIRCULAR SAW

HDC 8203E

EN	CORDLESS METAL CUTTING CIRCULAR SAW
DE	AKKU-METALLKREISSÄGE
FR	SCIE CIRCULAIRE SANS FIL POUR LA COUPE DES MÉTAUX
NL	DRAADLOZE METAAL CIRKELZAAG
ES	SIERRA CIRCULAR PARA CORTE DE METALES INALÁMBRICA
PT	SERRA CIRCULAR DE CORTE DE METAL SEM FIO
IT	SEGA CIRCOLARE PER IL TAGLIO DEI METALLI A BATTERIA



- EN Operating instructions
- DE Betriebsanleitung
- FR Mode d'emploi
- NL Handleiding
- ES Instrucciones de servicio
- PT Instruções de utilização
- IT Istruzioni per l'uso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1. EC- DECLARATION OF CONFORMITY

(according to Appendix IIA of the machine Directive)

We, **Jepson Power GmbH, Ernst – Abbe – Straße 5, 52249 Eschweiler, Germany**, as the manufacturer declare herewith under our responsibility that the product:

Name:	Hand Dry Cutter HDC 8203E
Manufacturing date:	See machine label
Serial number:	See machine label

complies with the following standards, directives and referenced standard documents:

2006/42/EC	Machinery Directive
2014/30/EU	EMC Directive
2011/65/EU	RoHS Directive

CE

EN 62841-1 :2015
EN 62841-2-5:2014
EN 55011
EN 12100

Pierre Michiels, Managing Director
Name, Position

Eschweiler, 01.01.2023

CE symbol to document compliance with the basic safety and health requirements according to Appendix I of the Machinery Directive.

For EU countries only
Do not dispose of electrical tools together with domestic waste!
In accordance with the European directive 2002/96/EC on waste electrical and electronic equipment and transposition into national law, obsolete electrical tools must be collected separately and recycled in an environmentally-compatible manner.

To reduce the risk of injury, please read the operating instructions.

Protect the rechargeable battery from heat, excessive solar radiation, fire, frost, water and humidity.
Protect rechargeable battery packs from humidity!

Protect rechargeable battery packs from fire! There is danger of explosion!

CAS

Cordless Allicance System (=CAS) is a cross-manufacturer battery pack system. Further information is available at www.cordless-alliance-system

2. SPECIFICATIONS

Nominal voltage	18V
Saw blade speed while idling	3.500 min^{-1}
Saw blade diameter	203 mm | 8"
Bevel angle	0°~45°
Bore	25,4 mm | 1"
Max. cutting depth	90°: 67 mm | 2.63" 45°: 42 mm | 1.65"
Net weight	5,4 kg | 12 lbs
Sound pressure level	87,3 dB
Sound power level	98,1 dB
Vibration - main handle	ah = 2,05 K = 0,07
Vibration - auxiliary handle	ah = 2,39 K = 0,3

Information referred to 2.2 of Annex 1 of the E. G. Directive on vibrations)

See page 2 - fig. 1

1. Main handle
2. Side handle
3. Cover lock knob
4. Bevel lock
5. Base
6. Retracting blade guard
7. Sighting notch
8. Blade lock
9. Safety switch for unlocking
10. Depth lock lever
11. Battery lock

3. USER INSTRUCTIONS

Notes for the customer

The instruction manual includes important instructions as to how to operate the machine safely, correctly and economically. Observing these instructions helps to avoid risks, repair costs and downtimes and to increase the reliability and lifetime of the machine.

The instruction manual must be read and used by each person who works with the electrical equipment. This applies in particular to the "Safety Instructions" chapter. It is too late to read the manual and safety instructions when work is actually being carried out at the machine.

Always keep one copy of this manual next to the machine so that it is at hand ready to be consulted!

In case of any doubt or questions, always contact the machine manufacturer.

In addition to the instruction manual, the accident prevention regulations which apply in the country of use and the user location must be adhered to. In addition, the recognised technical rules regarding accident prevention must be observed.

Liability and warranty

All the information contained in this instruction manual has been drawn up to the best of our knowledge and belief, taking our experience to date into consideration.

The original version of this instruction manual was drawn up in the German language and was checked by us for accuracy of content. The translation into the respective national/contractual language was carried out by a recognised translation agency.

This instruction manual has been put together with the greatest of care. However, if you should discover any incomplete items or mistakes, please inform us in writing. Your suggestions for improvement will help us to create a user-friendly manual.

Subsequent Orders and Copyright

Further copies of this instruction manual can be ordered from the address below. We ask for your understanding that further copies are subject to charge.

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Mail: info@jepson.de

Abbreviations

V	Volt
A	Ampere
Hz	Hertz
W	Watt
~	a.c.
/min	Revolutions per minute rpm
N	Newton

4. SAFETY INSTRUCTIONS

The basic prerequisite for safe handling and disturbance-free operation of this electric tool is knowledge of the basic safety instructions. In addition, the accident prevention rules and regulations which apply in the user location must be adhered to, as well as the recognized rules of the trade with regard to safety and correct working methods.
It is not permitted to use the electric tool for other purposes than those intended by the manufacturer. Such use could give rise to unforeseeable risks.
Local working and safety rules and laws must always be followed. The same applies to regulations which apply to the environment.
Safety equipment must never by removed or bridged over.
When using oils, greases and other chemical substances, the safety regulations which apply to the particular product must always be observed! Contact with chemicals should be avoided as far as possible. Before it is permissible to work with these substances the instructions for use on the packaging must be read and followed. This applies for all chemicals, therefore also for cleaning media.
All notes and signs regarding safety and possible risks must be kept in a fully legible condition.

4.1. ILLUSTRATION OF SAFETY INSTRUCTIONS

The following symbols are used in the instruction manual:

Warning against possible danger of injury or danger to life for persons

Warning against possible damage to property or the environment

Warning against dangerous electrical voltage

Warning against hot surfaces

Ignoring these instructions can lead to serious damage to health, up to life-threatening injuries!

This symbol indicates important information

Hazardous to the environment

4.2. DISCLAIMER

This power tool fulfils the basic EC safety and health regulations. Nevertheless, dangerous situations can arise.

All safety equipment must be maintained in perfect condition.

Always pay attention to moving parts. These can cause injury because of their movement or by sudden movement.

Only use the power tool when it is in perfect condition from the technical point of view, and only use it for intended purpose while being aware of safety issues and risks, and paying attention to the instruction manual! In particular, have any disturbances which could have a negative effect on safety corrected immediately!

4.3. GENERAL POWER TOOL SAFETY WARNINGS

WARNING!! Read all safety warnings, instructions, illustrations and specifications provided with this power tool.

Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

The following term "power tool", refers to mains-powered power tools (with mains cable) and battery-powered power tools (without mains cable).

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE.

1. **Work area safety**

a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.

b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.

c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2. **Electrical safety**

a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.

b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.

c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.

e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

f) **If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of a GFCI reduces the risk of electric shock.

3. **Personal safety**

a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.

b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or BATTERY pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.

g) **If devices are provided for the connection of dust extraction and collection facilities,**

ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

4. Power tool use and care

a) **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.

b) **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) **Disconnect the plug from the power source and/or remove the BATTERY pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

e) **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation.** If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

5. Battery tool use and care

a) **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

b) **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.

c) **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.

d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

e) **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.

f) **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.

g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

6. Service

a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained

b) **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

4.4. CIRCULAR SAW SAFETY WARNINGS

Cutting procedures

1. 

DANGER!! Keep hands away from cutting area and the blade. Keep your second hand on auxiliary handle, or motor housing. If both hands are holding the saw, they cannot be cut by the blade.

2. **Do not reach underneath the workpiece.** The guard cannot protect you from the blade below the workpiece.
3. **Adjust the cutting depth to the thickness of the workpiece.** Less than a full tooth of the blade teeth should be visible below the workpiece.
4. **Never hold piece being cut in your hands or across your leg. Secure the workpiece to a stable platform.** It is important to support the work properly to minimize body exposure, blade binding, or loss of control.
5. **Hold power tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring.** Contact with a "live" wire will also make exposed metal parts of the power tool "live" and shock the operator.
6. **When ripping always use a rip fence or straight edge guide.** This improves the accuracy of cut and reduces the chance of blade binding.
7. **Always use blades with correct size and shape (diamond versus round) of arbour holes.** Blades that do not match the mounting hardware of the saw will run eccentrically, causing loss of control.
8. **Never use damaged or incorrect blade washers or bolt.** The blade washers and bolt were specially designed for your saw, for optimum performance and safety of operation.
9. **Kickback causes and related warnings** Kickback is a sudden reaction to a pinched, bound or misaligned saw blade, causing an uncontrolled saw to lift up and out of the workpiece toward the operator;
   - When the blade is pinched or bound tightly by the kerf closing down, the blade stalls and the motor reaction drives the unit rapidly back toward the operator;
   - If the blade becomes twisted or misaligned in the cut, the teeth at the back edge of the blade can dig into the top surface of the wood causing the blade to climb out of the kerf and jump back toward the operator.
   - Kickback is the result of saw misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.
10. **Maintain a firm grip with both hands on the saw and position your arms to resist kickback forces. Position your body to either side of the blade, but not in line with the blade.** Kickback could cause the saw to jump backwards, but kickback forces can be controlled by the operator, if proper precautions are taken.
11. **When blade is binding, or when interrupting a cut for any reason, release the trigger and hold the saw motionless in the material until the blade comes to a complete stop. Never attempt to remove the saw from the work or pull the saw backward while the blade is in motion or kickback may occur.** Investigate and take corrective actions to eliminate the cause of blade binding.
12. **When restarting a saw in the workpiece, centre the saw blade in the kerf and check that saw teeth are not engaged into the material.** If saw blade is binding, it may walk up or kickback from the workpiece as the saw is restarted.
13. **Support large panels to minimise the risk of blade pinching and kickback. Large panels tend to sag under their own weight.** Supports must be placed under the panel on both sides, near the line of cut and near the edge of the panel.
14. **Do not use dull or damaged blades.** Blunt or improperly set blades produce narrow kerf causing excessive friction, blade binding and kickback.
15. **Blade depth and bevel adjusting locking levers must be tight and secure before making cut.** If blade adjustment shifts while cutting, it may cause binding and kickback.
16. **Use extra caution when making a "plunge cut" into existing walls or other blind areas.** The protruding blade may cut objects that can cause kickback.

Lower guard function

17. **Check the lower guard for proper closing before each use. Do not operate the saw if lower guard does not move freely and close instantly. Never clamp or tie the lower guard into the open position.** If saw is accidentally dropped, lower guard may be bent. Raise the lower guard with the retracting handle and make sure it moves freely and does not touch the blade or any other part, in all angles and depths of cut.
18. **Check the operation of the lower guard spring. If the guard and the spring are not operating properly, they must be serviced**

before use. The lower guard may become sluggish due to, gummy deposits, or a build-up of debris.

19. **Lower guard may be retracted manually only for special cuts such as "plunge cuts" and "compound cuts." Raise lower guard by retracting handle and as soon as blade enters the material, the lower guard must be released.** For all other sawing, the lower guard should operate automatically.
20. **Always observe that the lower guard is covering the blade before placing saw down on bench or floor.** An unprotected, coasting blade will cause the saw to walk backwards, cutting whatever is in its path. Be aware of the time it takes for the blade to stop after switch is released.
21. **This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.**
22. **Never hold piece being cut in your hands or across your leg. Secure the workpiece to a stable platform.** It is important to support the work properly to minimize body exposure, blade binding, or loss of control.

4.5. BATTERY SAFETY WARNINGS

1. **Protect the machine and the rechargeable batteries from humidity!**
2. **Do not throw the rechargeable batteries into a fire!**
3. **Do not use any defective or deformed rechargeable batteries!**
4. **Do not open the rechargeable batteries!**
5. **Do not touch the contacts of the rechargeable batteries and do not short-circuit them!**
6. A slightly acidic, combustible liquid may leak from defective li-ion rechargeable batteries! **If any battery liquid is leaking and comes in contact with the skin, immediately rinse with a copious amount of water. If any battery liquid gets into your eyes, rinse with clean water and immediately consult a doctor for medical treatment!**
7. **Remove the rechargeable batteries from the machine before carrying out any setting, retooling, maintenance or cleaning tasks.**
8. **Ensure that the machine is switched off when you push in the rechargeable battery.**
9. **Please remove the rechargeable battery from the machine if the machine is put down, transported or stored unattended.**

5. APPLICATION

1. **Do not use abrasive wheels with this machine.** Use only original Jepson Power saw blades
2. **Use only original Jepson Power or CAS (Cordless Alliance System) battery packs and accessories.**
3. Battery packs marked with CAS are 100% compatible with CAS devices (Cordless Alliance System).
4. **Tighten blade retaining bolt and all clamps before operating.**
5. **Secure work piece properly.** Work piece should be straight and firmly clamped to avoid possible movement and pinching as the cut nears completion.
6. **Allow the blade to come to a complete stop before removing or securing workpiece, or changing workpiece angle.**
7. **Check the inside surfaces of the arbor flanges as well as the sides of the blade for freedom from any foreign matter.**
8. **Check the blade for cracks or other damage before operation. Replace cracked or damaged blade immediately.**
9. **Never start the tool with the work piece against the blade.**
10. **Allow the motor to achieve full speed before cutting.**
11. **After turning tool "ON", gently push the tool forward to engage work piece, then slowly increase pressure as required to produce the least amount of "sparking".**
12. **Important: After completing the cut, release power switch and wait for coasting blade to stop completely before putting the saw down.**
13. **Never operate the tool in an area with flammable solids, liquids, or gases.** Sparks or hot fragments could cause a fire or explosion.
14. This tool is designed for ferrous metals only. **Do not attempt to cut wood, masonry, magnesium, or any other pyrophoric materials with this tool.**
15. **Do not use cutting fluids or lubricants on the blade.**
16. Some metals have coatings, which can be toxic. **Take extra care to prevent inhalation**

and skin contact when working with these materials. Request, and follow, any safety information available from your material supplier.

17. There are certain applications for which this tool was designed. **The manufacturer strongly recommends that this tool NOT be modified and/ or used for any application other than for which it was designed. If you have any questions relative to its application DO NOT use the tool until you have written the manufacturer and have been advised.**

Metal chips are often very sharp and hot. Never touch them with bare hands. Clean up with a magnetic chip collector and a chip hook or other appropriate tool.

6. FUNCTIONAL DESCRIPTION

This machine is a dry cutting circular saw designed to cut ferrous metals, which uses carbide tipped saw blades. The saw should only be used with original Jepson Power saw blades.

6.1. UNPACKING

Carefully remove the tool and all loose items from the shipping container. Retain all packing materials until after you have inspected and satisfactorily operated the machine.

6.2. CARTON CONTENTS

1. Metal cutting saw HDC 8203E
2. Original Jepson Power carbide tipped LBS saw blade 203/48T
3. 2x 18V LiHD 5.5A high-performance battery
4. Air-Cooled LiHD charging station
5. Rip fence cutting guide
6. Hex wrench

6.3. CHARGING THE RECHARGEABLE BATTERY

Check whether the rated voltage of the rechargeable battery agrees with the information specified on the machine.
Rechargeable battery and charger are matched to each other. Only use the Jepson Power Air-Cooled LiHD chargers for recharging.
Before using a new machine, first of all charge the rechargeable battery.

A description of how to start up and charge the Jepson Power Air-Cooled LiHD charger can be found in the appended instructions "Jepson Power Air-Cooled LiHD charging station".
The rechargeable battery is equipped with a temperature monitoring system. This guarantees that the rechargeable battery is only charged in the temperature range between 0°C and 50°C. This achieves a long service life for the rechargeable battery.
A considerably shortened operating time per charging procedure indicates that the rechargeable battery is spent and needs to be replaced.

WARNING!! Explosion hazard
Protect the rechargeable battery from heat, fire and moisture.
Do not place the rechargeable battery onto heating appliances and do not expose the rechargeable battery to strong solar radiation for a longer period of time.
Temperatures above 50°C are detrimental to the rechargeable battery. Allow a heated rechargeable battery to cool down before charging it.
The optimum storage temperature ranges between 10°C and 30°C.

CAUTION!! Do not open the rechargeable battery and protect it from impacts. Keep the rechargeable battery in a dry and frost-proof place.

WARNING!! Cover the rechargeable battery's contacts if it is stored outside the charger. There is a fire and explosion hazard in case of a short circuit caused by metallic bridging.

Follow the instructions for the protection of the environment.

6.4. FITTING THE RECHARGEABLE BATTERY

Slide the charged rechargeable battery into the battery guide next to the handle until it perceptibly engages.

CAUTION!! Before using the machine, convince yourself that the rechargeable battery is firmly seated in the machine.

6.5. REMOVING THE RECHARGEABLE BATTERY

Unlock the rechargeable battery by pressing the locking lever (See fig. 11) and pull it out of the battery guide.

CAUTION!! Do not use force to do so.

6.6. INSTALLING THE BLADE

1. Unplug the rechargeable battery for all service work.
2. Remove any accumulated debris in the guards and around the spindle. Check the lower retracting blade guard to ensure that it is in working order.
3. Clean the inner spindle flange. Orient the flange so that the correct bore size faces the blade and place the new blade on the spindle, making sure that the teeth point forwards. (If in doubt of the orientation of the blade, refer to the legend cast into the lower retracting blade guard) Avoid contact with blade teeth to prevent personal injury.
4. NOTE: Only use original Jepson Power saw blades.
5. Place the outer spindle flange on the spindle with the flat side toward the blade. See fig. 2.
6. Replace and finger- tighten the blade retaining bolt by turning it clockwise.
7. Push in the blade lock lever and rotate the spindle by hand until the lock engages the spindle See fig. 3. Tighten the blade retaining bolt securely with the provided wrench and release the spindle lock.

6.7. REMOVING THE BLADE

1. Unplug the rechargeable battery for all service work.
2. See fig. 3. It is not necessary to remove the outer blade cover, just leave it in place. Push in the spindle lock and using the supplied hex wrench, rotate the blade until the lock engages the blade spindle.
3. Avoid contact with the blade teeth to prevent personal injury.
4. While holding the blade lock lever, use the provided wrench to loosen the blade retaining bolt. Then remove it and the outer spindle flange.
5. The blade may now be carefully removed.

6.8. ADJUSTMENT DEPTH OF CUT

Adjust the depth of cut so that the saw blade protrudes through the thickness of work piece. To adjust the depth of cut:

1. Unplug the rechargeable battery for all service work.
2. Lift the depth lock lever at the rear of the saw. See fig. 4.
3. Raise or lower the saw base until the blade extends the desired depth below the base. (See the scale and pointer cast into the main body casting.)
4. Press the depth lock lever down firmly, locking the saw in the selected position.

6.9. ADJUSTMENT OF BEVEL ANGLE

To adjust the bevel angle, refer to the bevel gauge on the base. There are markings for different angles from 0 to 45 degrees. To adjust the bevel angle: Loosen the bevel lock knob (See fig. 5) and the smaller knob at the rear. Lift the bevel lock knob out of the slot and rotate the base to the desired angle. The most commonly used angles each have an individual slot. Simply drop the bevel lock into the slot and tighten. If other angles are needed, tighten the bevel lock knob to hold at the desired position. Then tighten the smaller knob at the rear of the base.

6.10. HOW TO USE THE SIGHTING NOTCH

To aid in free- hand cutting, a sighting notch is located at the front of the base. See fig. 6. Align the cutting line on the work piece with the sighting notch. Make the cut. Use the right-hand notch (between the two marking dots) for straight cuts and the left- hand notch (located below the rivet) for 45- degree bevel cuts.

6.11. STARTING AND STOPPING TOOL

Do not press the trigger switch before or while inserting the rechargeable battery. To start the machine, first press the safety lock button then squeeze the trigger switch to start the motor. Release the trigger switch to stop the motor. See fig. 7.

6.12. REMOVING CHIPS

This dry-cut metal saw has an internal chip collector. When the chip collector is full, the chips

must be cleared. To do this, first shut down and Unplug the rechargeable battery. The outer blade cover lock knob has a bayonet lock thread. See fig. 8. To remove cover, turn knob anticlockwise while pushing in against the spring tension. Then lift cover away. Recently- cut chips can be very hot. Take care when removing the cover to keep the chips or shavings away from your hands or other body
parts. Do not throw hot debris where paper or other flammable materials are located. To replace the outer blade cover, line up tang with slot and push in against the spring while turning clockwise. Ensure that the cover is properly seated.

6.13. HOW TO USE THE RIP FENCE

Using the rip fence will provide more accurate straight cuts than by cutting free- hand. For installation, Unplug the rechargeable battery. Then insert the rip fence in the mounting slots in the base.

6.14. LOWER RETRACTING BLADE GUARD

The lower retracting blade guard is a safety device important for your protection. Every
time you use the saw, make sure that the guard rotates freely and returns quickly and completely to its closed position. Before each use, remove any accumulated chips, or shavings from the area around the hub of the guard. DO NOT LUBRICATE THIS AREA. The hub has a dry film lubricated surface that does not need oiling. NEVER block or wedge the blade guard in the open position. NEVER use your saw if the blade guard is not in working order. If blade guard movement is sluggish or if binding exists, return the saw to your nearest AUTHORIZED SERVICE CENTER for repair.

6.15. HOW TO USE THE TOOL

Effective control of this powerful saw requires two- handed operation for maximum protection. Support the work properly and to hold the saw firmly WITH BOTH HANDS to
prevent loss of control which could cause personal injury. Always hold the side handle with the left hand and the rear handle with the right hand for proper hand support of the saw. Protect your eyes from injury with safety glasses or goggles.
Do not use cutting fluids or lubricants on the blade.

6.16. CLAMP THE WORK PIECE

Secure the work piece properly. The work piece should be straight and firmly clamped to avoid possible
movement and pinching as the cut nears completion. Provide adequate support for long or wide work pieces. Confirm that the blade has come to a complete stop before removing or securing the work piece, or changing the work piece angle. Press the safety, then the trigger switch. Move the saw forward to contact the work piece. Clamp the work piece on a rigid support, such as a bench or saw horses. Mark the line of cut on the work piece. Be sure that the cutoff line is far enough on the work piece to allow proper operation of the telescoping guard. Place the front edge of the saw squarely on work piece before starting the motor. Sight the cutting line with the sighting notch indicator or use the rip fence. Be certain that the blade is not contacting the work piece. Press the safety, then the trigger switch, allow the motor to come up to full speed and move the saw forward to begin the cut.

Do not force the cut. Let the saw do the cutting at the rate of speed permitted by the type of cut and work piece. Increase feed pressure as the blade cuts through the thicker cross-sections (to maintain minimum "sparking"). Decrease the feed pressure as the blade cuts through the thinner cross sections (to maintain motor speed and avoid overloading the machine). After completing the cut, release the power switch and wait for the coasting blade to stop completely before putting the saw down.

7. MAINTENANCE

7.1. KEEP TOOL CLEAN

Periodically blow out all air passages with dry compressed air. All plastic parts should be cleaned with a soft damp cloth. NEVER use solvents to clean plastic parts. They could possibly dissolve or otherwise damage the material. Wear safety glasses while using compressed air.

7.2. WARNING

Make sure that the tool is turned off and not connected to a power source before you perform maintenance and/or examine the tool. For safety reasons and in order to ensure proper functioning of the device, repairs, maintenance and adjustment of the tool must be performed by a certified service center. Use only original spare parts.

7.3. TRANSPORT

The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements. The user can transport the batteries by road without further requirements.
When being transported by third parties (e.g.: air transport or forwarding agency), special requirements on packaging and labelling must be observed. For preparation of the item being shipped, consulting an expert for hazardous material is required.
Dispatch batteries only when the housing is undamaged. Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging.
Please also observe possibly more detailed national regulations.

7.4. DISPOSAL OF RECHARGEABLE BATTERIES/BATTERIES

The machine, rechargeable batteries, accessories and packaging should be sorted for environmental-friendly recycling.
Do not dispose of power tools and batteries/ rechargeable batteries into household waste!

Only for EC countries:
According to the European Guideline 2002/96/EC, power tools that are no longer usable, and according to the European Guideline 2006/66/EC, defective or used battery packs/batteries, must be collected separately and disposed of in an environmentally correct manner.

Li-Ion:
Please observe the instructions in section „7.3 Transport".

Subject to change without notice.

8. QUOTATION

When returning a defective machine for repair with cost estimate. We charge a handling fee of 50€, but does not apply if a repair order or purchase of a new machine is given.

9. SPARE PARTS

For current spare parts list with order numbers please visit our website:
www.drycutter.com

10. WARRANTY

The warranty time (warranty according to the commercial code) is 12 months from the day of sale to the end consumer.
It covers and is limited to the free replacement of the defective parts or the free repair of defects that are demonstrably due to the use of imperfect materials during production or due to assembly errors.
Incorrect use or start-up and unauthorized installations or repairs not specified in the operating instructions void the warranty. Parts that are subject to wear are also excluded from the warranty. We expressly reserve the right to make decisions on the warranty application. The warranty is void if the device is opened by a third party. Transport damages, maintenance work as well as damage and malfunctions due to insufficient maintenance are not covered by the warranty.
For warranty claims, the proof of purchase of the device must be given by presenting the delivery note, bill, or cash receipt.
As far as it is legal, we assume no liability for any personal, material or consequential damages, in particular if the device is used differently than for the purpose indicated in the operating instructions, not installed or repaired according to the operating instructions, or repairs were executed by a layperson.
We reserve the right to perform repairs or maintenance over and above the ones specified in these operating instructions at the factory.

The quality and safety of the JEPSON POWER circular cold saw depends on the exclusive use of original JEPSON POWER saw blades or saw blades with the same cutting width, blade diameter and recommended cutting speed. The use of other saw blades may damage the machines.
The original JEPSON POWER saw blade fulfils all requirements of the TÜV examination (several inspection offices) and is therefore certified by these inspection offices. In case of use of saw blades with dimensions that differ from the original JEPSON POWER saw blades, the manufacturer assumes no liability.

The warranty excludes:

- Wear parts such as switches, flanges, carbon brushes, supportings and cutting tools (saw blades, carbide inserts, drills and abrasive) as well as electronic units.
- Other parts that are subject to wear through use or natural wear and tear.
- Tool failure due to non-compliance with the instruction manual, unconventional use, abnormal atmospheric conditions, improper operating conditions, overload, or lack of service or maintenance.
- Tool failure due to replacement parts or additional parts that are not original Jepson Power parts.
- Machines to which changes or additions have been made.

JEPSON POWER® GERMANY
Leading Through Innovation

CORDLESS METAL CUTTING CIRCULAR SAW

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