

Operating Instructions

1. **Intended use.** This Power Tool is intended for industrial applications, for cutting sheet metal (maximum capacity is indicated in the Specifications), for use with cutting jaws and cutting blades which are indicated in these operating instructions or recommended by DRÄCO.
2. **Initial Operation**
Observe the rated voltage: The voltage of the power source must match that given on the nameplate of the machine or charger. Chargers for 230V can also be operated on 220 V power sources. Chargers for 115V can also be operated on 110 V power sources.

A powered-on machine does not restart after inserting the batteries again.

To continue work, turn machine OFF and ON again.

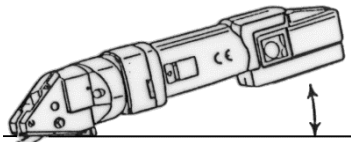
START

STOP

START/LOCK

STOP

2. **The material to be cut must always be free of oil or grease.** Always place the machine flat on the work piece



3. **Battery Change**
Before using the cordless tool, charge a new or empty battery. The full capacity is reached, after charging the battery about 4-5 times.

Care and Maintenance

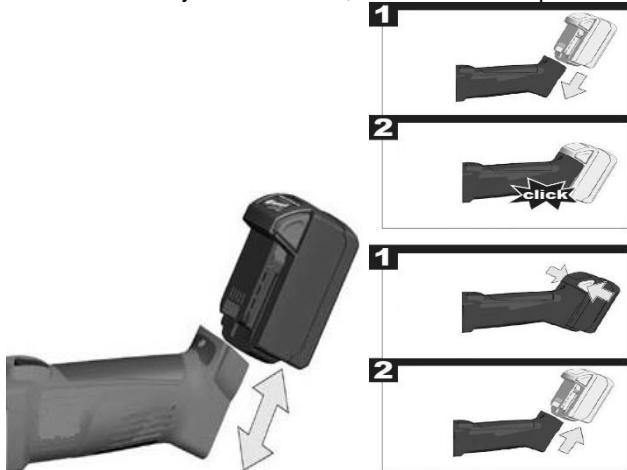
Before working on machine disconnect from power supply by removing plug from socket. Always keep the machine and the ventilation slots clean. Oil the knife pin at regular intervals. If the machine should happen to fail despite the care taken in manufacture and testing, repair should be carried out by an authorized customer services agent for DRÄCO power tools.

CE-Declaration of conformity

We declare that this product is in conformity with the following standards or standardized documents: 2006/42/EG, 2014/30/EU, EN 60745-2-8:2009, EN 60335-1:2012/A13:2017, EN ISO 12100:2010

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4. **Insert the of the battery**
Insert the battery from the back, until it clicks into place.



5. For **cutting out** curved or circular inside patterns, a 14 mm ($\pm 1/2$ ") hole, or a punched slot should be made to insert the centre cutter.
6. If after cutting, a **small strip** remains this can easily be trimmed off to the exact measurement, without leaving a burr or any distortion of the material. Just one side of the cordless tools can be used for cutting also (e.g. along a marked line). Lift the power tools out of the shavings while the motor is running. Cut off longer shavings.
7. Do NOT cut sheet metal along welding points. Do NOT cut multi-layer sheets, which exceed the maximum cutting capacity.
8. Every 200 operating ours have the cutting blade and cutting jaws sharpened at a specialist workshop.
9. **Ensure that the material to be cut is free of oil and grease.**

Noise/vibration information

Typically, the A-weighted sound pressure level of the tool is 77,3 dB(A). The noise level when working can exceed 88,3 dB(A). Emission peak 91 dB(C)
Wear ear protection. The typical hand-arm vibration is 2.6 m/ s². **The measured values specified above may exceed while working. For example: at 2 mm steel 10,9 m/s², tube 0,65 mm 4,4 m/s², uncertainty factor K 1,5 m/s².**
Norms
Noise: EN ISO 3740:2000, EN ISO 3744:2010, EN ISO 11201:2010, EN ISO 4871:2009
Vibration: EN ISO 8041:2005, EN ISO 5349-1:2001, EN ISO 5349-2:2001 + A1:2015. EN 12096:1997

Environmental protection

Recycling raw materials instead of waste disposal.
Machine, accessories, and packaging should be sorted for environment-friendly recycling.

Never break open battery packs and chargers and store only in dry rooms. Keep always dry.
Battery acid may leak from damaged batteries under extreme load or extreme temperatures. In case of contact with battery acid wash it off immediately with soap and water. In case of eye contact rinse thoroughly for at least 10 minutes and immediately seek medical attention.



Operating Instructions for the radius seam metal shear AK 3514-7R Li-Ion

To avoid any disturbance please read the following instructions:

For your safety:



1 Safe operation of this machine is possible only when the operating instructions and the safety precautions are read completely, and the instructions contained therein are strictly observed.

2 The machine must not be used when damp and must not be operated in a wet environment.

3 Always inspect cable and plug before using machine. Only have damage repaired by a qualified professional. Put the plug into the mains socket only when the machine is switched off.

4+5 Always wears protective goggles, protective gloves and heavy-duty shoes when working.

- Do not carry the machine by the cable.
- Always remove the plug from the power supply socket before carrying out any work on the machine, when interrupting work and when not using the machine.
- Always place the cable to the rear away from the machine.
- Apply the machine to the sheet metal only when switched on.
- Always provide for secure footing when working.
- Firmly clamp the work piece if it does not remain stationary from its own weight.
- The knife should not rub on the jaws: Possible danger of cutting tool breakage.
- Do not exceed the maximum allowable material thickness especially when cutting over doublers, folded joints or welded seams.

For further notes on safety refer to enclosed sheet

Technical Data:

DRÄCO Cordless Metal Shears		AK 3514-7RLi-Ion
Item no. Profi-Set 5-tlg. Cpl.		630803
Item no. Shear with battery only		630801
max. cutting capacity		
steel	400 N/mm ² mm	2
stainless steel	600 N/mm ² mm	1,5
stainless steel	800 N/mm ² mm	1,3
non ferro	250 N/mm ² mm	2,5
tightest radius	± mm	45
working speed	± m/min	4
strokes	± min ⁻¹	1800



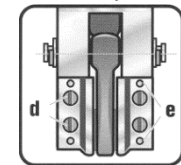
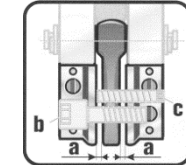
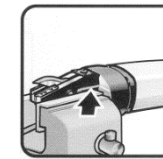
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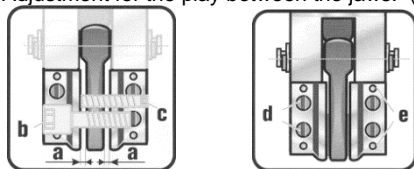


**Before working on machine disconnect from power supply by removing plug from socket.
Wear protective glasses!**



* Optional



1. One drop of oil between knife (11) and head-casting (1) keeps the spacing shims (15) in place.
2. Dismantle Spring cover (20) and take spring out (19)
3. Take circlip (16) and washer (17) off.
4. Push knife pin (18) out of casting.
5. Take knife out of housing.
6.  Attention, do not exchange the spacing shims (15).
7. Place the knife inside the housing feed shims in on one side and push knife pin (18) into housing up to the middle of the knife.
8. Feed the shims on the other of the knife.
9. Push knife pin in completely, and secure washer (17) and circlip (16) again.
10. Assemble spring (19) and spring cover (20).
11. Between the knife (11) and the jaws (10) should be some distance, approximately 0,05 mm on each side. Knife (11) must be placed tight in the head casting.
12. Adjustment for the play between the jaws. (a): 0,1 - 0,15 mm.

13. If knife has contact with the jaws on both sides, adjust with screws in the head casting.
If a burr is on the material, adjust the space between the knife and the jaws
14. Replace jaws with a new set, loosen 4 screws (8) take jaws (10) and pins (9) off, assemble again and tighten with the screws.

DRÄCO tools carry a guarantee of 12 months from date of delivery. Damage attributable to normal wear and tear, overload or improper handling will be excluded from the guarantee. (e.g., blades/knives and jaws). In case of complaint please send the machine, **un-dismantled**, to your dealer or the DRÄCO Service Centre for electric power tools.

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Your dealer:

Your dealer:
