

AREBOS

Drywall Sander Auto Vacuum LED

AR-HE-LSAL



Please follow all security measures in this user's manual to ensure a secure use.



Thank you for trusting in AREBOS.

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Thank you for buying our product. Please read the instruction manual carefully before using the product for the first time. If you hand over the product to third parties, these operating instructions must also be handed over. Keep the instruction manual for future reference.

1. Safety instructions

1.1 Explanation of the symbols



By means of a CE marking, it can be recognized that a product complies with the legal requirements of European legal standards and therefore may be traded within the European Community.



Warning! Read the safety instructions carefully. Failure to follow the safety precautions could result in serious injury or damage. Keep the operating instructions in a safe place.



Use caution when using this article.



This product **must not** be disposed of with household waste!



Protective insulated housing (protection class II)!



Warning! Wear ear protection!



Warning! Wear breathing protection!



Warning! Wear safety glasses!

1.2 General power tool safety warnings

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

1.2.1 Work area

- Keep your work area clean and well lit. Cluttered and dark areas invite accidents.
- 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.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

1.2.2 Electrical safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce the risk of an electric shock.
- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of an electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of an electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of an electric shock.
- 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 an electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of an electric shock.

1.2.3 Personal safety

- 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.
- Use safety equipment. Always wear eye protection. Protective equipments such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the Off-position before connecting to power source and/or battery pack, picking it up or carrying the tool. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- 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.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

- 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.
- 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.

1.2.4 Power tool use and care

- 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.
- 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.
- Disconnect the plug from the power source before making any adjustments, changing accessories or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- 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.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- 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 intended could result in a hazardous situation.

1.2.5 Service

- 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.

1.3 Safety instructions for all operations

- This power tool is intended to function as a sander. 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.
- Operations such as grinding, wire brushing, polishing or cutting-off are not recommended to be performed with this power tool. Operations for which the power tool was not designed may create a hazard and cause personal injury.
- **Note!** List only those operations that were not included in the first warning. If all listed operations are recommended, then this warning may be omitted but all subsequent warnings must be given without an exclusion.
- Do not use accessories which are not specifically designed and recommended by the tool manufacturer. Just because the accessory can be attached to your power tool, it does not assure safe operation.
- The rated speed of the accessory must be at least equal to the maximum speed marked on the power tool. Accessories running faster than their rated speed can break and fly apart.
- The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool. Incorrectly sized accessories cannot be adequately guarded or controlled.
- The arbour size of wheels, flanges, backing pads or any other accessory must properly fit the spindle of the power tool. Accessories with arbour holes that do not match the mounting

hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.

- Do not use a damaged accessory. Before each use, inspect the accessories such as abrasive wheels for chips and cracks, backing pad for cracks, tear or excess wear, wire brush for loose or cracked wires. If the power tool or the accessory are dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute. Damaged accessories will normally break apart during this test time.
- Wear personal protective equipment. Depending on the application, use a face shield, safety goggles or safety glasses. As appropriate, wear a 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.
- Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment. Fragments of workpiece or of a broken accessory may fly away and cause injury beyond immediate area of operation.
- Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and shock the operator.
- Position the cord clear of the spinning accessory. If you lose control, the cord may be cut or snagged and your hand or arm may be pulled into the spinning accessory.
- Never lay the power tool down until the accessory has come to a complete stop. The spinning accessory may grab the surface and pull the power tool out of your control.
- Do not run the power tool while carrying it at your side. Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.
- Regularly clean the power tool's air vents. The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.
- Do not operate the power tool near flammable materials. Sparks could ignite these materials.
- Do not use accessories that require liquid coolants. Using water or other liquid coolants may result in electrocution or shock.

1.4 Other safety instructions for all operations

- **Kickback and related warnings**
Kickback is a sudden reaction to a pinched or attaching a rotating wheel, a bearing pad, brush or any other accessory. Pinching or hanging causes rapid stalling of the rotating accessory which in turn forced the tool. Power out of control in the opposite direction of rotation of the accessory to the point of seizing.
Kickback is the result of misuse of the tool and / or procedures or conditions incorrect operation and can be avoided by taking proper precautions specified below.
- Maintain firmly the power tool and position your body and arm for you allow to resist kickback forces. Always use auxiliary handle, where applicable, for maximum control of kickback or torque reaction during startup. The operator can control the reaction torques or forces rebound, if precautions are taken.
- Never place your hand near the rotating accessory. The accessory can perform a bounce on your hand.
- Do not place you in the area where power tool will move if kickback. The rebound pushes the tool in the opposite direction to movement of the wheel in point hooking.
- Take special care when working corners, sharp edges etc.

- Avoid twists and snaps of the accessory. Corners, edges or sharp twists tend to hang the rotating accessory and cause loss of control or kickback.
- Do not attach a saw chain, blade wood carving saw chain or toothed saw blade. Such blades cause frequent rebounds and control losses.

1.5 Additional safety instructions for sanding operations

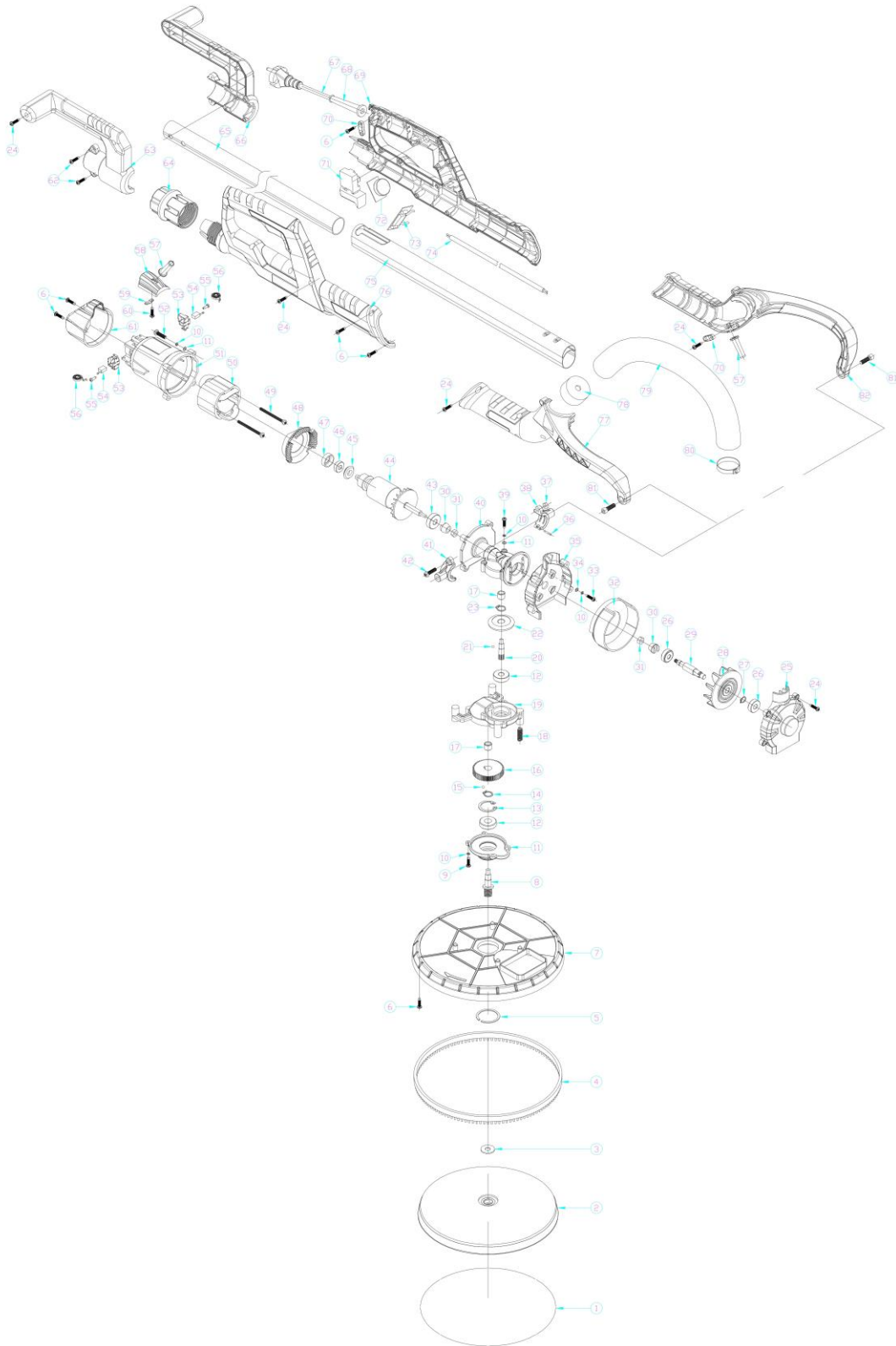
- **Set specific security guard for sanding**
Do not use sandpaper too oversized for sanding discs.
Follow manufacturers' recommendations when selecting sanding paper. More abrasive paper extending beyond the sanding pad presents a laceration hazard and may cause a crash, tearing of the disc or kickback.

2. Technical specifications

Model	AR-HE- LSAL
Power	750 W
Speed	1000-1850 rpm
Disc diameter	8.86 in (225 mm)
Pad diameter	210 mm
Sanding head	0-120° adjustable
Adjustable length	135-180 cm
Voltage	230-240 V
Frequency	50 Hz
Protection class	II
Weight	9.5 lbs (4.3 kg)
Colour	Red/Black
Sound pressure level	83.1 dB(A); K = 3 dB(A)
Sound power level	94.1 dB(A); K = 3 dB(A)
Vibration emission value ah	DS = 1.171 m/s ²
Uncertainty	K = 1.5 m/s ²
LED light	
Voltage	12 V
Power	8,4 W

- The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another.
The declared vibration total value may also be used in a preliminary assessment of exposure.
Warning: The vibration emission during the actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used and of the need to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

3. Explosive view



No.	Description	No.	Description
1	sandpaper	42	screw
2	adhibit tray	43	bearing
3	wool mat	44	rotor
4	nylon brush skirt	45	Insulation pieces
5	circlip	46	bearing
6	screw	47	bearing cover
7	plastic cover	48	wind loop
8	screw	49	screw
9	spring	50	stator
10	front cover	51	motor housing
11	bearing	52	screw
12	circlip-internal	53	brush holder
13	shaft	54	carbon brush
14	circlip-external	55	screw
15	steel ball	56	coil spring
16	big gear	57	protect cover
17	needle bearing	58	cable cover
18	spring	59	plate
19	gasket	60	screw
20	gear shaft	61	back cover
21	steel ball	62	screw
22	bevel gear	63	right rear handle
23	shaft circlip	64	pipe screw
24	screw	65	telescope tube
25	blade cover	66	left rear handle
26	bearing	67	cable
27	shaft circlip	68	cable cover
28	fan blade	69	left handle
29	fan shaft	70	cable plate
30	bevel gear	71	on/off switch
31	locknut	72	variable speed control
32	front wind loop	73	EMC plate
33	screw	74	cable
34	Washer	75	tube
35	back blade cover	76	right handle
36	straight pin	77	right front arm
37	locknut	78	pipe adapter
38	left clamp	79	vacuum pipe
39	screw	80	hoop
40	gear box	81	inner screw
41	right clamp	82	left front arm

4. Description



5. Operating instructions

- The drywall sander is designed for sanding walls and ceilings that are made of drywall or plaster. The sander provides a superior finish and is faster than conventional finishing methods for both new construction and renovation work. Clean-up time is minimized by the use of an external dust bag attached to the sander.

5.1 Abrasive disc collection

- The drywall sander is shipped with 6pcs of sanding paper abrasive disc installed (80/100/120/150/180/240 grit). This abrasive is suitable for most applications. Abrasive discs of 120 grit and 240 grit are available for situations requiring a smoother finish.

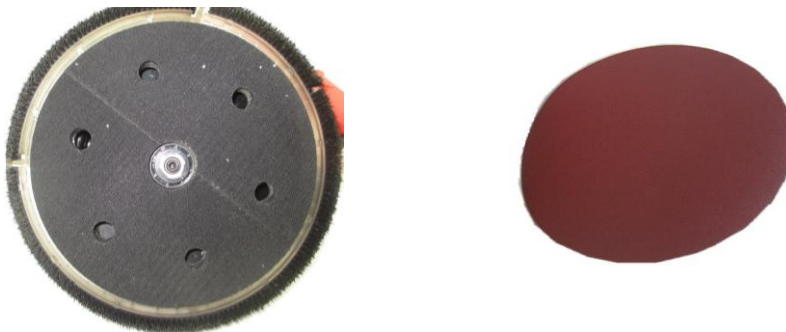
Choose sandpaper

- According to the material and the grinding effect, select the appropriate sandpaper:

Material	using	Grit
Pigment	Removal of pigment layer	40
Paint	Removal of paint	60
Filling agent	Grinding bottom pigment (such as finishing bottom)	80
Interstitial material	Removal Brush paint, grinding residues	100
Pigment layer drips and convex	Removal brushing mark, and residual paint	120
Flat bottom material	Good finished sanding for new painting	180-240

The replacement of sanding paper

- Grinding the surface adhesive disc has a layer of lint which can quickly and easily installed flocking self-adhesive sandpaper. The surface grinding sandpaper pressed in the adhesive disc.



5.2 How to hold a drywall sander

- The drywall sander should be held with both hands on the main tube as shown in the picture. The hands may be positioned anywhere along the main tube to provide the best combination of reach and leverage for the particular application.
- **Caution:** Keep hands on the main tube. Do not place the hand into ab area around the sanding head. The sanding heads swivel in multiple directions and could pinch the hand.

5.3 To Connect with the dust collecting bag

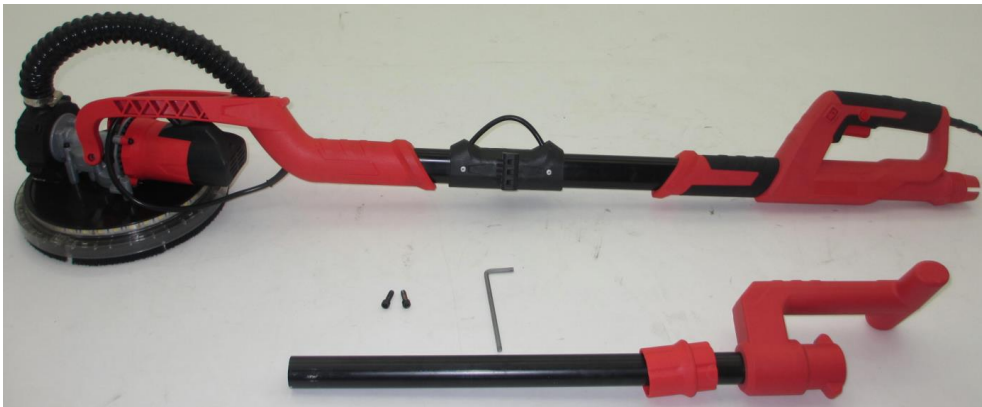
- In order to protect the operator to reduce dust suction and site cleaning process at work, please connect the machine with a dust bag. As shown in the figur it is connected with the dust collecting bag.
- **Caution:** Failure to use a dust bag rated for drywall dust will increase the level of airborne dust particles in the work area. Continued and prolonged exposure to high concentrations of airborne dust may affect the respiratory system function.



6. Installation

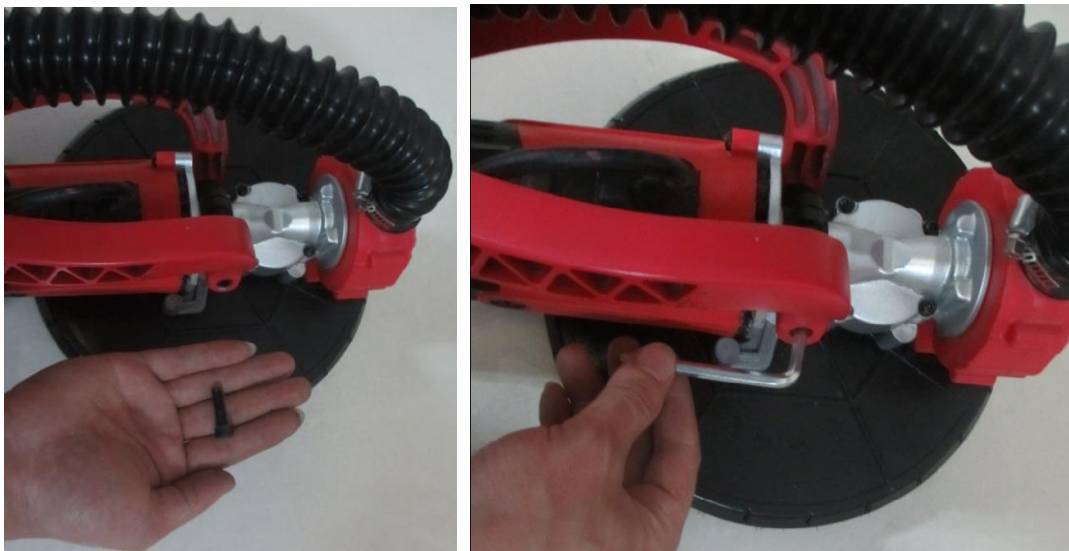
- Before the repair or replacement of parts and electric tool accessories, be sure to pull out the plug from the socket.

6.1 Unpacking status shown on below picture



6.2 Support arm Installation shown on below picture

- Insert the support arm to the plastic clamp, insert and tighten the screws into both left and right support arms with a hex spanner.



6.3 Telescopic pipe installation

- When the folded pipes need to expand, adjust the two pipes to be in the same line, put the end pothook onto the front barb, then press down the buckle, ensure it is closed tightly to use.
- When the machine needs to be folded, pull up the buckle and take the pothook and bard off to be separate, then the pipe can be folded.



- Insert the telescopic pipe into the front pipe, adjust to suitable length, turn the locking nut into the front plastic pipe and lock.



7. Start and stop the drywall sander

- Make sure the the power circuit voltage is the same as shown on the specification plate on the sander and that the sander switch is OFF. Connect the sander to the power circuit.
- The drywall sander is equipped with a “rocker” type switch. The top end of the switch button is labeled OFF, and the bottom end at the button is labeled ON. To start the sander: depress the bottom (ON) end of the switch button; to stop the sander depress the top (OFF) end of the switch button.

8. Sanding wheel speed regulation

- The drywall sander is equipped with a variable speed control. The speed is adjusted by turning the control knob. The control knob is numbered "MIN" through "MAX" with "MIN" being the slowest speed (approximately 1000 RPM) and "MAX" being the fastest speed (approximately 1850RPM).
- Use the higher speed settings for fast stock removal. Use the lower speed setting to reduce the removal rate for more precise control.



9. Assemble for longer handle

- According to the needs of different grinding position, the length of the machine can be adjust between 1100-1800mm. The locking nut counter-clockwise to loosen, the pipe is pulled to the right length, and then clockwise rotating locking.

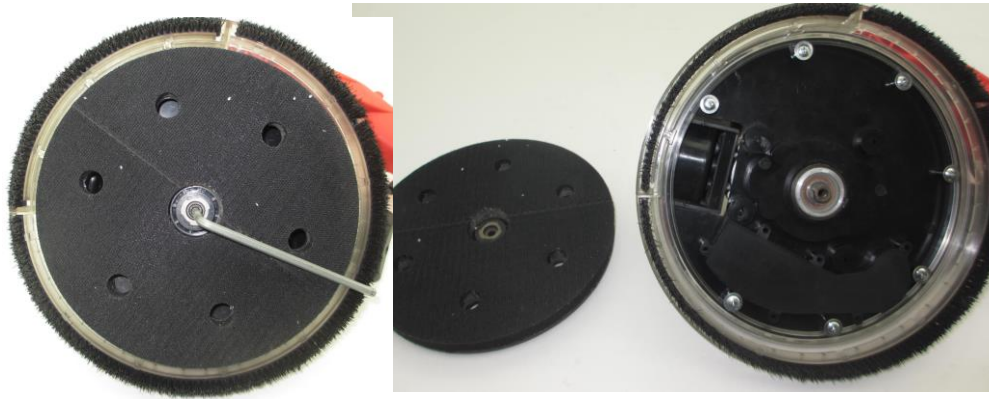


10. Sanding the drywall

- The drywall sander has a unique articulating sanding head: the head can swivel in multiple directions, allowing the abrasive pad to conform to the work surface. This enables the operator to sand the top, middle and bottom of a wall or ceiling joint without changing its position.
1. Turn the vacuum cleaner switch ON.
Caution: Wear a respirator approved for "Dust and Mist".
 2. Turn the drywall sander switch ON.
 3. Position the drywall sander lightly against the work surface (apply just enough pressure to align the sanding head with the work surface).
 4. Apply additional pressure to engage the abrasive pad to the work surface: while moving the sander in an overlapping pattern to smooth the drywall compound down to a "featheredge".
- Apply **only** enough pressure to keep the abrasive pad flat against the work. Excessive pressure can cause unacceptable swirl marks and unevenness in the work surface.
 - Keep the sander in constant motion while abrasive pad is in contact with the work surface. Use a steady, sweeping motion. Stopping the sander (on the work) or moving the sander erratically can cause unacceptable swirl marks and unevenness in the work surface.
 - **Note:** Do not allow rotating abrasive pad to contact sharp protrusions. Contact with protruding objects (nails, screws, electrical boxes, etc.), can severely damage the abrasive pad.

11. Abrasive pad replacement

- **Caution:** Disconnect the sander from the power source.
1. Grasp the abrasive pad and the sander housing (clamping the pad to the housing) to prevent pad rotation.
 2. Rotate the pad retaining nut, counterclockwise and remove.
 3. Lift off the large metal washer and the abrasive pad.
- **Note:** When the abrasive pad is lifted off the sander: the abrasive back-up disc is exposed. Please note that this back-up disc is also covered with an abrasive material.
 - This abrasive material is **only** used to prevent "slippage" between the back-up disc and the foam backed abrasive pad, it is **not** suitable for use as a sanding abrasive. Do not use the sander without a proper abrasive pad installed (to prevent severe damage to the work).
4. Position new abrasive pad to the back-up disc, making sure that the center hole in the abrasive disc is centered on the hub of the back-up disc.
 5. Position the large metal washer and the retaining nut to the sander.
 6. Rotate the retaining nut clockwise to hand tighten (while holding the abrasive pad).
- The output shaft is inserted into the adhesive disc center with six angle wrench clockwise rotation angle in the hex hole. At the same time the hands hold the adhesive disc grinding. The grinding disc can be remove adhesive.



Brush-type skirt

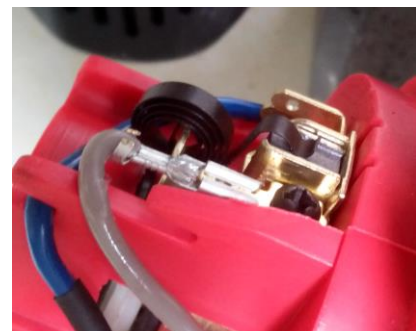
- A brush-type skirt surrounds the abrasive pad. This skirt serves two purposes: (1) The skirt extends below the surface of the abrasive pad so that it contacts the work surface first. This positions the sanding head parallel to the work surface before the abrasive contacts the work, preventing the abrasive from "gouging" the work. (2) The skirt also helps contain the drywall dust until the vacuum cleaner pulls it away.
- **Caution:** Disconnect the sander from the power circuit.
- To replace the skirt: (1) Remove the abrasive pad (see ABRASIVE PAD REPLACEMENT). (2) Use phillips screwdriver to remove the six retaining screws (3). Lift the skirt out of the housing. (4) Position the new skirt to the housing and install the six retaining screws. (5) Replace the abrasive pad.

12. Maintenance

- Kept clean tools, clean up debris and dust.
- Often change grease (gearbox, the bearing) holding tool flexible operation.
- Always check the power cord, plugs, switches, etc., the tool in good condition.
- This tool passed rigorous quality inspection, if the machine is still a failure occurs, please send it to an authorized customer service (SWAP) for repair.

Carbon Brush replacement

- The accessories includes an original set of carbon brush, when the carbon brush wear limit, replace with the new one. "+" screwdriver counter clock wise unscrew the brush cover, remove the original carbon brush, to put new carbon brush to brush holder and screw on the brush cover.



13. Disposal instructions

13.1 Disposal of the packaging

- Please refer to the guidelines and standards for appropriate disposal of the packaging valid in your region. In part, the package may consist of plastic bags - watch this respect, with special care to ensure that this is not out of the reach of children. There is a risk of suffocation!

13.2 Disposal of old equipment

- Old equipment must be disposed of in accordance with the guidelines and regulations of the local waste disposal department.

13.3 Meaning of the "garbage can" symbol



Protect our environment, electrical appliances do not belong in the household waste. Use the collection points provided for the disposal of electrical appliances and hand in your electrical appliances which you will no longer be using. This will help avoiding the potential effects of incorrect disposal on the environment and human health. You thus make your contribution to the recovery, recycling and other forms of recovery of waste electrical and electronic equipment. Information on where to dispose of your equipment can be obtained from your local authorities.

Our customer service number: +49 (0) 931-45232700

EU Declaration of Conformity

We, the

Canbolat Vertriebs GmbH, Gneisenaustraße 10-11, 97074 Würzburg, Germany

Hereby declare that the devices described in the following comply with the relevant, fundamental safety and health requirements of the EU directives due to their design and construction as well as in the versions marketed by us.

Product name: AREBOS Drywall Sander with auto vacuum and LED

Article number: 4260627422791

Model number: AR-HE- LSAL

If the device is modified without our consent, this declaration of conformity loses its validity.

Tested according to:

EU-Norm:

EN 60745-1 : 2009/A11 : 2010

EN 60745-2-3 : 2 011/A13 : 2015

EN 55014-1 : 2006/A2 : 20117

EN 55014-2 : 2015

EN 61000-3-2 : 2014

EN 61000-3-3 : 2013

EN 62321 : 2009

EN 62841-1 : 2015

EN 62841-2-4 : 2014

AfPS GS 2014 : 01 PAK

Date/Signature Manufacturer/Location:

Würzburg, 12.02.2020



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