

# AREBOS

## Drywall Sander

AR-HE-LS700C8

User's Manual



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

Please read and save these instructions. Read through this user's manual carefully before using product. Protect yourself and others by observing all safety information, warnings and cautions. Failure to comply with instructions could result in personal injury and/ or damage to product or property. Please retain instructions for future reference.

## Safety Instructions

### 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.

**Save all warnings and instructions for future reference.** The term "power tool" in the warnings refers to your mains-operated (corded) power tool

#### Work area

- Keep 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.

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

#### 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 equipment such as 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 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.

### **Power tool use and care**

- **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.
- **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.

### **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.

### **SAFETY INSTRUCTION FOR ALL OPERATION**

- 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.
- 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.
- Threaded mounting of accessories must match the grinder spindle thread. For accessories mounted by flanges, the arbour hole of the accessory must fit the locating diameter of the flange. Accessories 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 accessory such as abrasive wheels for chips and cracks, backing pad for cracks, tear or excess wear, wire brush for loose or cracked wires. If power tool or accessory is 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 application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtering particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.
  - 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 could give the operator an electric shock.
  - 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.

### **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.

For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material, causing jumps or expulsion of the grinding wheel. The wheel can jump towards the operator or by moving away, as the direction of movement of the grinding wheel at the point of pinch.







Abrasive wheels may also break under these conditions. 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.

#### **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.

#### **Warning symbol**

	WARNING - To reduce the risk of injury, user must read instruction manual
	Always wear ear protection
	Always wear goggles
	Always wear a breathing mask
	In accordance with essential applicable safety standards of European directives
	Class II product

# Installation

## Description



1. Plastic guard
2. Motor
3. Foldable button
4. Speed adjuster
5. Push switch
6. Extendable handle

## INSTALLATION

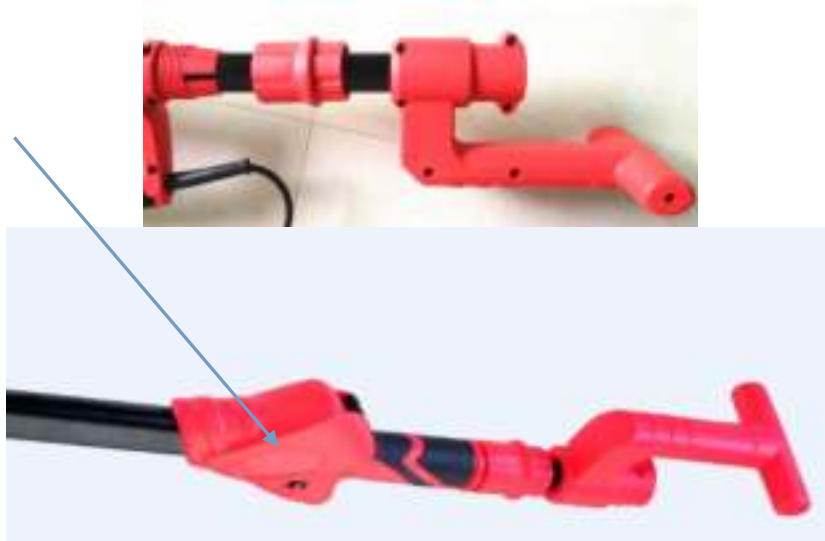
- Before repairing or replacing any electrical parts or accessories, be sure to unplug the appliance.
- When opening the package, the machine is put as below.



- Make sure the foldable button is well connected as below.



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



## Use

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

### **ABRASIVE DISC SELECTION**

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

## CHOOSING THE SANDPAPER

- According to the material and grinding effect, choose the appropriate sandpaper.

Material	Usage	Sandpaper
Pigment	Removal of pigment layer	40
Paint	Removal of paint	60
Filling agent	Sanding pigment (such as finishing bottom)	80
Interstitial material	Removal of pickling, sanding residues	100
Pigment layer drips and convex surface	Removal brushing marks	120
Flat bottom material	Good finished sanding for new painting	180-240

## Replacement of sanding paper

- Before installing the new paper, you must first remove dirt sticking to the grinding wheel, e.g. by using a brush. Grinding surface adhesive disc has a layer of lint. It can quickly and easily be installed with flocking self-adhesive sandpaper. The surface of the grinding sandpaper is to be pressed on the adhesive disc.



## HOW TO HOLD A DRYWALL SANDER

- The Drywall Sander should be held with both hands on the main tube. The hands may be placed anywhere along the main tube for best application.  
**CAUTION:** Keep the hands on the main tube. Do not place the hands in the area around the sanding head. The sanding head swivels in multiple directions and could jam your hand.

## CONNECTION TO THE DUST COLLECTING BAG

- In order to protect the operator and reduce dust suction and site cleaning during the operations, please connect the machine to vacuum cleaner during the working process.



## STARTING AND STOPPING THE DRYWALL SANDER

- Make sure power circuit voltage is the same as shown on the specification plate on the sander and that the sander switch is on OFF. Connect Sander to power circuit.
- The Drywall Sander is equipped with a qualified switch with a lock block. Press the switch and do not loosen your hand, and this machine will remain "ON". If you press the lock block, machine will be on even when your hand leaves the switch.
- Press the switch again, so the switch will be stopped.

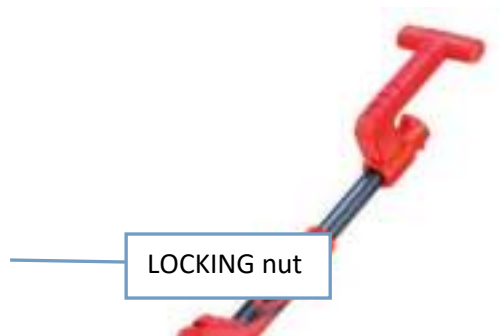
## SANDING WHEEL SPEED REGULATION

- The Drywall Sander is equipped with variable speed control. The speed is adjusted by turning the control knob. The control knob goes from "MIN" to "MAX" (from the slowest speed to the fastest speed: 1000RPM-2100RPM).  
Use the higher speed settings for fast removal of the exceeding. Use the lower speed settings to reduce the removal rate to have more precise control.



## HANDLE EXTENSION ASSEMBLY

- Depending on the different grinding positions, the length of the machine can be adjusted between 1100-1800mm. Turn the lock nut counter clockwise to loosen, pull the hose to the correct length and then turn the lock nut clockwise to lock.



## **SANDING OF GYPSUM JOINTS**

- The Drywall Sander has a special sanding head: the head can rotate in multiple directions, allowing the abrasive pad to adjust 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 to the ON position.  
**CAUTION:** Wear an approved respirator for mist and dust.
- 2. Turn the wall sander switch to the ON position.
- 3. Place the wall sander slightly against the work surface (apply a slight pressure to align the sanding head with the work surface).
- 4. Apply additional pressure to push the abrasive pad towards the working surface, while moving the sander creating an overlapping pattern to smooth the drywall to the edges. Apply **ONLY** enough pressure to keep the abrasive pad flat against the working surface. Excessive pressure can cause unacceptable micro scratches and damage the uniformity of the working surface.  
The sander must always be in motion when the abrasive pad is in contact with the working surface. Use a steady, sweeping motion. Stopping the Sander (on the working surface), or moving the sander may cause unacceptable micro scratches and affect the uniformity of the working surface.
- **NOTE:** Do not allow the rotating abrasive pad to come into contact with sharp protrusions. Contact with protruding objects (nails, screws, electrical boxes, etc.) can severely damage the abrasive pad.

## **ABRASIVE PAD REPLACEMENT**

- **CAUTION:** DISCONNECT SANDER FROM POWER SOURCE.
- Grasp the abrasive belt and strap support (tighten the plate on the bracket) to prevent rotation.
- Rotate the inserted retaining nut counter-clockwise and remove it.
- Lift the large metal washer and the abrasive pad.

**NOTE:** When the abrasive pad is removed from the sander, the abrasive rear disc is exposed. This rear disc is also covered with an abrasive material.

- This abrasive material is **ONLY** used to prevent "slippage" between the rear disc and the back abrasive plate foam. It is **NOT** suitable for use as an abrasive sander. **NEVER USE THE SANDER WITHOUT PROPER ABRASIVE PAD INSTALLED** (to prevent severe damage to the work).
- Position the new abrasive pad on the rear disc, making sure that the center hole in the abrasive disc is in the middle of the rear abrasive disc.
- Position the large metal washer of the retaining nut on the sander.
- Rotate the retaining nut clockwise and tighten by hand (while holding the abrasive pad).
- The output shaft is inserted into the adhesive disc center with an angle wrench and turned clockwise into the hex hole. At the same time, the hands hold the adhesive disc grinding.



### **LARGE BRUSH**

- A large brush surrounds the abrasive pad. It serves two purposes: (1) It extends below the surface of the abrasive pad so that it is in contact with the work surface first. This positions the sanding head parallel to the work surface before the abrasive comes into contact with the working surface, preventing the abrasive from causing scratches. (2) It also helps contain the drywall dust until the vacuum cleaner pulls it away.
- **CAUTION: DISCONNECT SANDER FROM POWER CIRCUIT.**
- To replace it: (1) Remove abrasive pad (see ABRASIVE PAD REPLACEMENT). (2) Use a Phillips screwdriver to remove the six retaining screws (3) Then remove the brush. (4) Place the new brush in the housing and install it using the six retaining screws. (5) Replace the abrasive pad.

## **Cleaning and Maintenance**

- Tools should always be clean, clean up debris and dust.
- Always change the oil (gearbox, bearings) for proper operation.
- Always check the power cord, plugs, switches to make sure the tools are faultless.
- The power tools manufactured by the company undergo a strict quality inspection. If the machine is faulty, please consult the authorized service centre (SWAP) for repair.

### **Carbon brushes replacement**

- The accessories include an original set of carbon brush, when the carbon brush reaches its wear limit, replace with a new one. Use a "+" screwdriver counter-clockwise to unscrew the brush cover, remove the original carbon brush, place a new carbon brush and screw the brush cover.



## Technical Specifications

Power	750W
Voltage supply	230-240V
Frequency	50Hz
Speed	1000-2100 rpm
Protection class	II
Disc Diameter	Ø225mm
Sound pressure level L <sub>pa</sub>	83,1 dB(A) ; K <sub>pA</sub> = 3 dB(A)
Sound power level L <sub>wa</sub>	94,1 dB(A) ; K <sub>wA</sub> = 3 dB(A)

- The impact of noise can cause damage to hearing.  
Overall oscillation value determined according to EN 60745.  
Vibration emission value 1.171m/ s<sup>2</sup>, Uncertainty K = 1.5 m/s<sup>2</sup>
- 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 actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used.  
It is necessary to identify safety measures that are based on an estimation of exposure in the actual conditions of use (taking into account 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) in order to protect the user.
- Wear hearing protection.

## Disposal Instruction

### Disposal of the packaging

- Please make reference 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!

### Disposal of waste equipment

- Equipment must be disposed of in accordance with the rules and regulations of the local waste disposal.



#### Meaning of the "dustbin"

Protect our environment; electrical appliances do not belong in household waste. Use the provided for the disposal of electrical equipment collection points and enter your electrical and electronic equipment that you no longer use. They help ensure that the potential effects of incorrect disposal on the environment and human health to be avoided. So do your part to recycle, recycling and other forms of recovery of waste electrical and electronic equipment. Information on where the devices are disposed of, please contact your local authorities or local Governments.

**EU Declaration of Conformity**

We,

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

Hereby declare that the product named below, seen its design and construction as well as according to our sales, has been complied with the relevant and basic health and safety EU-requirements.

Name of the product: AREBOS Drywall Sander

Model Nr.: AR-HE-LS700C8

Art. Nr.: 4260551581472

Developed, designed and manufactured in accordance with the requirements of directives:

Machinery Directive 2006/42/EC

EMC Directive 2014/30/EC

ROHS Directive 2011/65/EU

Also meets the following standards:

EN60745-1:2009+A11:2010

EN61000-3-2:2014

EN60745-2-3:2011+A12:2014

EN61000-3-3:2013

EN55014-1:2006+A2:2011

EN62321:2009

EN55014-2:1997+A1:2009+A2:2008

If the product has any modification not allowed by us, this declaration loses its validity.

Date/Manufacturer Signature/Location:

Würzburg, 24.08.2018



Identification of the signatory:

Korhan Canbolat, head of the company

Authorised representative for the technical documentation:

Korhan Canbolat

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