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DRYWALL SANDER 710W COMBI POWX0477

1 APPLICATION

The machine is designed for sanding drywalls, ceilings and walls of the inner and outer surfaces, clearing the floor residues, paint coatings, adhesive and loose plaster etc. Our machine is not suitable for processing the object containing asbestos.



WARNING! Read this manual and general safety instructions carefully before using the appliance, for your own safety. Your power tool should only be passed on together with these instructions.

2 DESCRIPTION (FIG. 1-2)

- | | |
|--|--|
| 1. Round sanding head | 11. Rear handle |
| 2. Triangular sanding head | 12. On/ Off switch |
| 3. Brush ring | 13. Lock button |
| 4. Round sanding pad (hook & loop system) | 14. Electronic speed control |
| 5. Triangular sanding pad (hook & loop system) | 15. Dust adaptor |
| 6. Lock lever (pad exchange) | 16. Vacuum hose |
| 7. Motor housing | 17. Power cable |
| 8. Soft grip | 18. Carrying bag |
| 9. Folding lock | 19. Locking knob for length adjustment |
| 10. Handle | 20. Telescopic shaft |
| | 21. Shaft |
| | 22. Connector |

3 PACKAGE CONTENT LIST

- Remove all packaging materials.
- Remove remaining packing and package inserts (if included).
- Check that the package contents are complete.
- Check the appliance, the power cord, the power plug and all accessories for transportation damage.
- Keep the packing materials as far as possible till the end of the warranty period. Dispose it into your local waste disposal system afterwards.



WARNING: Packaging materials are not toys! Children must not play with plastic bags! Danger of suffocation!

6 pieces (2x 60#, 2 x 100#, 2x ,240#) of sanding paper with dia.225mm
6 pieces (2x 60#, 2 x 100#, 2x ,240#) 285 mm of triangle paper
2 connection adapters








4 m flexible pipe for extracting dust
5 mm hex key
1 canvas bag
1 triangle pad
1 manual



If any parts are missing or damaged, please contact your dealer.

4 SYMBOLS

In this manual and/or on the machine the following symbols are used:

| | | | |
|---|--|---|---|
|  | Always wear a dust mask. |  | Always wear safety goggles. |
|  | Denotes risk of personal injury or damage to the tool. |  | Read the manual before use. |
|  | In accordance with essential safety standards of applicable European directives. |  | Class II - The machine is double insulated; earthing wire is therefore not necessary. |
|  | Wear gloves. | | |

5 GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and instructions. Failure to heed warnings and follow instructions may result in electric shock, fire and/or serious injury. Keep safety warnings and instructions for future reference. The term "power tool" in the safety warnings refers to your mains-operated (corded) power tool or battery- operated (cordless) power tool.

5.1 Working area

- Keep working area clean and well lit. Untidy and dark areas can lead to accidents.
- Do not operate power tools in potentially explosive surroundings, for example, in the presence of inflammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders at a distance when operating a power tool. Distractions can cause you to lose control of it.

5.2 Electrical safety

- Always check that the power supply corresponds to the voltage on the rating plate.
- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed power tools. Unmodified plugs and matching outlets will reduce the risk of an electric shock.
- Avoid body contact with earthed surfaces such as pipes, radiators, kitchen ranges and refrigerators. There is an increased risk of an electric shock if your body is earthed.
- Do not expose power tools to rain or wet conditions. If water gets inside a power tool, it will increase the risk of an electric shock.
- Do not damage 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 cable suitable for outdoor use. Using 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 power supply protected by a residual current device (RCD). Using an RCD reduces the risk of an electric shock.

5.3 Personal safety

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

- Use safety equipment. Always wear eye protection. Using safety equipment such as a dust mask, non-skid safety shoes, a hard hat, or hearing protection whenever it is needed will reduce the risk of personal injury.
- Avoid accidental starts. Ensure the switch is in the off position before inserting the plug. Carrying power tools with your finger on the switch or plugging in power tools when the switch is in the on position makes accidents more likely.
- Remove any adjusting keys or spanners before turning on the power tool. A spanner or key left attached to a rotating part of the power tool may result in personal injury.
- Do not reach out too far. Keep your feet firmly on the ground at all times. This will enable you retain control over the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from the power tool. Loose clothes, jewellery or long hair can become entangled in the moving parts.
- If there are devices for connecting dust extraction and collection facilities, please ensure that they are attached and used correctly. Using such devices can reduce dust-related hazards.

5.4 Power tool use and care

- Do not expect the power tool to do more than it can. Use the correct power tool for what you want to do. A power tool will achieve better results and be safer if used in the context for which it was designed.
- Do not use the power tool if the switch cannot turn it on and off. A power tool with a broken switch is dangerous and must be repaired.
- Disconnect the plug from the power source before making adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store power tools, when not in use, out of the reach of children and do not allow people who are not familiar with the power tool or these instructions to operate it. Power tools are potentially dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or jammed moving parts, breakages or any other feature that might affect the operation of the power tool. If it is damaged, the power tool must be repaired. Many accidents are caused by using poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to jam and are easier to control.
- Use the power tool, accessories and cutting tools, etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work which needs to be done. Using a power tool in ways for which it was not intended can lead to potentially hazardous situations.

5.5 Service

Your power tool should be serviced by a qualified specialist using only standard spare parts. This will ensure that it meets the required safety standards.

6 ADDITIONAL SAFETY HINTS

- Keep your hands away from rotating sanding head area at all times.
- Prolonged breathing of airborne dust from drywall sanding may effect respiratory function:
 - Always use a vacuum cleaner with a bag approved for drywall dust installed
 - Always wear a respirator approved for dust and mist
- Sanding lead-based paint is extremely toxic and should not be attempted. Only allow professionals with special training and equipment perform this task.
- Maintain proper footing and balance at all times. Do not overreach. Use proper scaffolding.
- Always wear appropriate safety equipment when operating.

- Important: after completing sanding, switch off the switch and wait for the coasting sanding head to stop completely before putting the tool down.
- Never operate the tool in an area with flammable solids, liquids, or gases. Sparks from the commutator / carbon brushes could cause a fire or explosion.
- There are certain applications for which this tool was designed. The manufacturer strongly recommends that this tool cannot be modified and / or used for any application other than for which it was designed.
- Use the machine with both hands at all times. Loss of control can cause personal injury.
- Keep power supply cord clear from the working range of the machine. Always lead the cable away behind you.
- Immediately switch off the machine if unusual vibrations or if other malfunctions occur. Check the machine in order to find out the cause.
- The dust that arises when working with this tool can be harmful to health. Use a dust absorption system and wear a suitable dust protection mask and remove deposited dust with a vacuum cleaner.

6.1 **Electrical connection**

The network voltage must conform to the voltage indicated on the tool name plate. Under no circumstances should the tool be used when the power supply cable is damaged. A damaged cable must be replaced immediately by an authorized Customer Service Centre. Do not try to repair the damaged cable yourself. The use of damaged power cables can lead to an electric shock.

7 ASSEMBLY



Before setting up, repair or maintenance of the appliance you must always turn off the operating switch and pull out the mains plug!

7.1 **Before initial operation**

- Check if the rated frequency of the mains supply corresponds to the details of the type place.
- Before using the tool, read the instruction book carefully.

7.2 **Shaft (21)**

Fold the front and back part together (Fig. 1-1). Push the folding lock (9) to the right position and keep the tip adjacent to the handle (Fig. 1-2), and then press the folding lock (9) towards the handle until the end. (Fig. 1-3)

Unfold the handle by pushing the folding lock to the inside.

7.3 **Remove / Assembly sanding head (1 / 2)**

- Pull the lock lever and slide to the left to remove the head (Fig. 2-1)
- To assemble the head, firstly ensure the lock lever in release position, then connect the motor housing (7) and big bearing cove to the head. Push the lock lever up to the right lock position (Fig. 2-2)

7.4 **Replace sanding pad (Fig. 3)**

- Insert the hex wrench (size 5) into the hexagonal screw bolt on the sanding block
- Hold the sanding pad firmly, and then turn the wrench counter clockwise to dismount the pad.
- Install new sanding pad by tightening the bolt.



Attention: Only install the specified sanding pad on the machine.

7.5 **Round head and triangle head exchange (Fig. 4)**

- Operate the lock lever to release position
- Remove the head (1 / 2) and put the head what you want to use on the machine
- Slide the lock lever into lock position to lock the new head.



Attention: Only install the specified sanding pad on the machine. In order to ensure optimal performance, the machine should be run at slightly lower speed for several minutes to make the grinding pad fit the sealing surface perfectly. During this process, the white foam particles will come out from the sanding head. However, this won't damage the machine.

When installing the triangular sanding head, it is possible that this head cannot be pushed all the way down immediately, because the position of the drive cross head on the sanding pad does not fully match with the position of the motor.

As a remedy, place the motor housing with the 3 coupling pins in the openings of the sanding pad. Set the speed control dial to minimum speed. With one hand push the head of the motor housing down, and with the other hand shortly press in the "on/off switch", until the head of the motor housing fully engages downwards in the grinding pad.

To fasten the grinding pad to the motor housing, slide the locking lever to the position "locked". With a round sanding head, the sanding pad can be rotated manually, until the head of the motor housing is fully engaged in the round sanding pad.

7.5.1 Adjusting the position of the triangular grinding pad (Fig. 10)

Set the selector switch to position "ON" (press down and turn left). Then the sole (bottom) of the triangular grinding pad can be rotated up to 360 degrees.

Once the desired position has been reached, press in the selector button and turn it to the right, until the button is in position "OFF".

Move the grinding pad left/right, until the grinding pad engages with a click.

7.5.2 Replacement of the drive cross coupling (Fig. 11)

If needed, the plastic drive cross coupling can be replaced.

This coupling has to be placed over the metal drive of the grind pad.

You can find the replacement couplings (7 items) on top of the grinding pad.

7.6 **Attaching and changing sanding tools (Fig. 5)**

- Place the sanding tool in the centre of the sanding disc and press on. The holes in the sanding tool must be in alignment with the extraction holes in the sanding pad.
- For round sanding pad only: conduct a test run to check that the sanding tool is clamped in the centre.

7.7 **Electronic speed control**

7.7.1 Adjustable speed

Adjust the speed by turning the speed wheel, user can choose different speed for different sanding surface.

7.7.2 Constant speed control

Keep the machine running at the same speed as selected. Do not overload by excessive pressure.

7.8 Connecting the vacuum hose (Fig. 6)



Inhalation of dust is hazardous to health! When carrying out the work which can produce dust, please always wear a dust mask.

Connect the hose (16) to the exit (connector (22)) of the handle.
The other end of the hose is connected to the vacuum cleaner

7.9 Adjustment of the telescopic shaft (Fig. 7)

- Turn locking knob (19) anticlockwise to open the locking mechanism.
- Adjust the telescopic shaft to the desired length.
- After adjustment turn locking knob (19) clockwise to fix the length settings.

8 OPERATION



Always hold the drywall sander with both hands! Keep your hands away from the sanding head. Otherwise, your hand could become caught, as the sanding head swivels in different directions.

- Attach sanding pad
- Attach sanding tool
- Set power tool to the required length
- Connect dust extraction system
- Insert mains plug
- Switch on the device.
- Press the drywall sander gently against the work surface (the pressure should be just enough to ensure that the sanding head is flush with the work surface.)

8.1 Starting and stopping tool

Make sure that the power circuit voltage is the same as that shown on the specification plate of the machine and that switch (12) is "OFF" before connecting the tool to the power circuit.

8.2 Switching the machine on and off

Turn on/off the drywall sander by switch

9 SANDING OPERATIONS

Once the machine and vacuum cleaner are set up and all safety measures and equipment are in place, begin by turning on the vacuum cleaner and then the machine. (If you are using a vacuum cleaner with integrated switching, then simply turn the machine on.)

9.1 Round sanding head (Fig. 8)

- Begin sanding and carefully contact the work surface as lightly as possible-just enough to keep the sanding head flat against the surface.
- The pivot point in the sanding head allow the sanding disc (7) to follow the contours of the work surface.
- The best technique is to use overlapping sweeps and keep the head in constant motion. Never stop too long in any one place or there will be swirl marks. With experience it will be very easy to create excellent results.

9.2 *Triangular sanding head (Fig. 9)*

The triangular sanding head does not rotate, but vibrates.

As the triangular sanding head can revolve on bearings, it can sand right into the corners of the wall / ceiling.

In the corners reduce the contact pressure, otherwise there will be excessive load on the tips of the triangular sanding disc.

Heavily worn corners of the triangular sanding head can easily be replaced



NOTE: Ensure that the sandpaper (7) you are using is suited to the task, Overly coarse grit paper may remove material too quickly to control. While overly fine grit paper may clog too often and not shape down the surface.



CAUTION: Take care to avoid sharp projections and nails, etc. This will wipe out the sandpaper and probably damage the sponge pad as well.

10 CLEANING AND MAINTENANCE

10.1 *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.

Clean the vacuum swivel connector as too much dust will keep it from turning freely.

11 TECHNICAL DETAILS

| | |
|--------------------------------|-----------------------------|
| Rated power | 710 W |
| Rated frequency | 50 Hz |
| Rated voltage | 230-240 V |
| Rotation speed \bigcirc | 600-1500 min ⁻¹ |
| Rotation speed Δ | 3000-6000 min ⁻¹ |
| Disc diameter | 215 mm |
| Round sanding motion | Rotation |
| Triangular sanding motion | Vibration |
| Sanding surface triangular pad | 285x285x285 mm |
| Cable length | 4 m |
| Vacuum cleaner hose | 4 m |
| Carbon brush motor | Yes |
| Lock-on button | Yes |
| Oscillations width | 1.5 mm |
| Sanding diameter | 225 mm |
| Length without extension tube | 110 cm |
| Length with extension tube | 110-165 cm |
| Electronic speed control | Yes |
| soft grip | Yes |
| vibration reduction | Yes |
| Hook & loop system | yes |
| Base material | Aluminium |

12 NOISE

Noise emission values measured according to relevant standard. (K=3)

| | |
|-----------------------------|----------|
| Acoustic pressure level LpA | 83 dB(A) |
| Acoustic power level LwA | 94 dB(A) |



ATTENTION! Wear hearing protection when sound pressure is over 85 dB(A).

| | | |
|----------------|----------------------|--------------------------|
| aw (Vibration) | 3.1 m/s ² | K = 1.5 m/s ² |
|----------------|----------------------|--------------------------|

13 WARRANTY

- This product is warranted for a 36-month period effective from the date of purchase by the first user.
- This warranty covers all material or production flaws excluding : batteries, chargers, defective parts subject to normal wear & tear such as bearings, brushes, cables, and plugs, or accessories such as drills, drill bits, saw blades, etc. ; damage or defects resulting from maltreatment, accidents or alterations; nor the cost of transportation.
- Damage and/or defects resulting from inappropriate use also do not fall under the warranty provisions.
- We also disclaim all liability for any bodily injury resulting from inappropriate use of the tool.
- Repairs may only be carried out by an authorized customer service center for Powerplus tools.
- You can always obtain more information at the number 00 32 3 292 92 90.
- Any transportation costs shall always be borne by the customer, unless agreed otherwise in writing.
- At the same time, no claim can be made on the warranty if the damage of the device is the result of negligent maintenance or overload.
- Definitely excluded from the warranty is damage resulting from fluid permeation, excessive dust penetration, intentional damage (on purpose or by gross carelessness), inappropriate usage (use for purposes for which the device is not suitable), incompetent usage (e.g. not following the instructions given in the manual), inexpert assembly, lightning strike, erroneous net voltage. This list is not exhaustive.
- Acceptance of claims under warranty can never lead to the prolongation of the warranty period nor commencement of a new warranty period in case of a device replacement.
- Devices or parts which are replaced under the warranty therefore remain the property of Varo NV.
- We reserve the right to reject a claim whenever the purchase cannot be verified or when it is clear that the product has not been properly maintained. (Clean ventilation slots, carbon brushes serviced regularly, etc.).
- Your purchase receipt must be kept as proof of date of purchase.
- Your appliance must be returned undismantled to your dealer in an acceptably clean state, (in its original blow-moulded case if applicable to the unit), accompanied by proof of purchase.

14 ENVIRONMENT



Should your appliance need replacement after extended use, do not dispose of it with the household refuse, but in an environmentally safe way.

Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where recycle facilities exist. Check with your Local Authority or retailer for recycling advice.

15 DECLARATION OF CONFORMITY



VARO N.V. - Vic. Van Rompuy N.V.- Joseph Van Instraat 9 - BE2500 Lier - BELGIUM,
declares that,

Product: DRYWALL SANDER 710 W COMBI
Trade mark: POWERplus
Model: POWX0477

is in conformity with the essential requirements and other relevant provisions of the applicable European Directives, based on the application of European harmonized standards. Any unauthorized modification of the apparatus voids this declaration.

European Directives (including, if applicable, their amendments up to the date of signature):

2011/65/EU
2006/42/EC
2014/30/EU

European harmonized standards (including, if applicable, their amendments up to the date of signature):

EN62841-1 : 2015
EN62841-2-4 : 2014
EN55014-1 : 2017
EN55014-2 : 2015
EN61000-3-2 : 2014
EN61000-3-3 : 2013

Keeper of the Technical Documentation: Philippe Vankerkhove, VARO – Vic. Van Rompuy N.V.

The undersigned acts on behalf of the company CEO,

Ludo Mertens
Regulatory Affairs – Compliance Manager
27/01/2021, Lier - Belgium