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CIRCULAR SAW 1200W 185MM POWE30050

1 INTENDED USE

Your circular saw has been designed for sawing wooden workpieces. The machine is only suitable for right-hand use. Not suitable for professional use.



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. A)

1. Dust extraction connector
2. Carbon brush cover
3. Spindle lock button
4. Lock button for angle adjustment
5. Lock button for edge guide
6. Shoe
7. Guard
8. Lever for guard
9. Saw blade
10. Angle gauge
11. Depth gauge
12. On/off switch
13. Lock button
14. Handle
15. Lock lever for depth adjustment

3 PACKAGE CONTENT LIST

- Remove all packing materials
- Remove remaining packaging and transit supports (if existing)
- Check the completeness of the packing content
- Check the appliance, the power cord, the power plug and all accessories for transportation damages.
- Keep the packaging materials as far as possible till the end of the warranty period. Dispose it into your local waste disposal system afterwards.



WARNING Packing materials are no toys! Children must not play with plastic bags! Danger of suffocation!

- 1 x circular saw
- 1 x guide bar
- 1 x hex key
- 1 x saw blade
- 1 x manual



When parts are missing or damaged, please contact your dealer.

4 SYMBOLS

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

	Denotes risk of personal injury or damage to the tool.		Read 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.
	Mandatory use of eye protection.		Wear gloves

5 GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and all instructions. Failure to follow all 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 or battery operated (cordless) power tool.

5.1 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.

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 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.

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 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. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used whenever conditions require will reduce personal injuries.
- Avoid accidental starting. Ensure the switch is in the off position before plugging in. 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 these devices can reduce dust related hazards.

5.4 *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 sticking 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.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to stick and are easier to control.
- Use the power tool, accessories and tool bits 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 to be performed. Use of the power tool for operations different from intended could lead to a hazardous situation.

5.5 *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.

6 SPECIFIC SAFETY WARNINGS FOR CIRCULAR SAWS

- Keep hands away from cutting area and blade. Keep your second hand on auxiliary handle or motor housing.
- Do not reach underneath the workpiece.
- Adjust the cutting depth to the thickness of the workpiece.
- Never hold piece being cut in your hands or across your leg. Secure the workpiece to a stable platform.
- Hold power tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.
- When ripping always use a rip fence or straight edge guide.
- Always use blades with correct size and shape (diamond versus round) of arbor holes.
- Never use damaged or incorrect blade washers or bolt.

7 ASSEMBLY

7.1 *Replacing the saw blade (Fig. 1)*

Only use sharp and undamaged saw blades. Cracked or bent saw blades must be replaced immediately.

- Place the circular saw on its side on a flat surface
- Rotate the saw blade by hand while depressing the spindle locking button until the blade locked. Turn the blade clamp bolt anti-clockwise by using the hex key.
- Remove the flange.
- Raise the guard by using the lever guard and then remove the saw blade.
- Remove the old saw blade and place the new saw blade (9) with the teeth pointing in the direction of rotation. See the arrow on the housing.
- Move the saw blade guard back into its normal position.
- Place the flange on the saw blade and secure the fixing screw.



Before replacing the saw blade always unplug the tool.

- Never use saw blades with a thickness exceeding the thickness of the riving knife or saw blades with a tooth setting smaller than the thickness of the riving knife.
- Do not use saw blades made of HSS steel. Make sure that the spindle diameter corresponds to the bore diameter.

7.2 *Adjusting the depth of cut (Fig. 2)*

- Loosen the lock lever for depth adjustment
- Hold the base plate flat against the edge of the work piece and lift the body of the saw until the blade is at the right depth determined by the depth gauge.
- Tighten the lock lever for depth adjustment

7.3 *Setting the mitre angle (Fig. 3)*

- The mitre angle is infinitely variable between 0° and 45°.
- Loosen the set screws (4).
- Set the required mitre angle using the scale (10).
- Tighten the set screws.

7.4 *Mounting the parallel fence (Fig. 4)*

- The parallel fence allows sawing parallel to an edge at a maximum distance of 10 cm.
- Loosen the lock knob of edge guide.
- Slide the edge guide through the slots in the shoe to the desired width.
- Tighten the lock bolt to secure it in the position.
- Ensure that the edge guide rests against the wood along its entire length to give a consistent parallel cuts.

8 OPERATION

8.1 Instructions for use

- Clamp the workpiece. Make sure that the side which will be visible later is facing down, because the cut is most accurate at that side.
- Switch on the machine before it touches the workpiece. Do not exert pressure on the saw blade. Allow the machine enough time to cut the workpiece.
- Hold the machine with both hands using both grips. This ensures optimum control over the machine.
- For straight cuts along a drawn line use the marking for straight cuts .
- For bevel cuts along a drawn line use the marking for bevel cuts.

8.2 Switching on and off (Fig. 5)

- To switch the tool on, keep the lock-off button (13) depressed and press the on/off switch (12).
- To switch the tool off, release the on/off switch.

8.3 Dust extraction

A vacuum cleaner can be connected to the dust extraction connector, either directly to the connector or using an adapter.

- If necessary, connect an adapter to the connector (1).
- Preferably use a vacuum cleaner for industrial use.

9 CLEANING AND MAINTENANCE



Attention !Before performing any work on the equipment, pull the power plug.

9.1 Cleaning

- Keep the ventilation slots of the machine clean to prevent overheating of the engine.
- Regularly clean the machine housing with a soft cloth, preferably after each use.
- Keep the ventilation slots free from dust and dirt.
- If the dirt does not come off use a soft cloth moistened with soapy water.



Never use solvents such as petrol, alcohol, ammonia water, etc. These solvents may damage the plastic parts.

9.2 Lubrication

From time to time, apply a drop of oil to the thread of the lock screw .

10 TECHNICAL DATA

Rated voltage	220-240V
Rated frequency	50Hz
Rated power	1200W
Rotation speed	5500min ⁻¹
Blade diameter	185mm
Cable length	2m
Max cutting depth	65mm
Maximun cutting capacity 45°	42mm
Carbon brush motor	Yes
Cutting depth plastic	65mm
Bore size	20mm
Adjustable angle	Yes
Number of teeth	24T
Soft grip	
Safety guard	Yes
External brush caps for faster carbon brush changes.	Yes
Second handle type	Guide handle
Power on LED light	yes

11 NOISE

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

Acoustic pressure level LpA	93 dB(A)
Acoustic power level LwA	104 dB(A)



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

aw (Vibration)	3.4 m/s ²	K = 1.5 m/s ²
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12 SERVICE DEPARTMENT

- Damaged switches must be replaced by our after-sales service department.
- If the connecting cable (or mains plug) is damaged, it must be replaced by a particular connecting cable which is available from our service department. Replacement of the connecting cable must only be carried out by our service department (see last page) or by a qualified person (qualified electrician).

13 STORAGE

- Thoroughly clean the whole machine and its accessories.
- Store it out of the reach of children, in a stable and secure position, in a cool and dry place, avoid too high and too low temperatures.
- Protect it from exposure to direct sunlight. Keep it in the dark, if possible.
- Don't keep it in plastic bags to avoid humidity build-up.

14 WARRANTY

- This product is warranted as provided by law for a 24 -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 authorised customer service centre 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.

15 ENVIRONMENT



Should your appliance need replacement after extended use, do not discard it with the household rubbish but dispose of it 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.

16 DECLARATION OF CONFORMITY

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

Product: Circular saw 1200W
Trade mark: POWERplus
Model: POWE30050

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

EN62841-2-5 : 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,

Philippe Vankerkhove
Regulatory Affairs – Compliance Manager
01/12/2020, Lier - Belgium