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MULTI-FUNCTION SHARPENER POWX1350

1 APPLICATION

Sharpens high speed steel drill bits, straight edged knives and scissors. Regrinds chisel and plane blades. It is not designed for commercial 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. On/off switch | 7. Adjustable grinding angle from 15° - 50° |
| 2. V-guide | 8. Magnets |
| 3. Clamp | 9. Chisel guide |
| 4. Knife sharpening slot | 10. Lock button |
| 5. Scissor sharpening slot | |
| 6. Protective shield | |

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!

- Multi-function sharpener
- 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.		Wear eye protection
	Read manual before use		In accordance with essential requirements of the European directive(s)
	"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 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

- Do not leave the grinding wheel unattended while it is operating.
- Grinding generates sparks, keep away all flammable substances and materials.
- Never touch the moving grinding wheel.
- The motor is specially rated for intermittent use, maximum 15 minutes continuous use.
- Do not attach modules when the grinding wheel is moving.
- Do not use the grinding wheel without a module in place
- Before removing a module, switch off the power unit and allow the grinding wheel to come to stop.

7 OPERATION

7.1 High speed steel drill sharpener ((Fig. 1)

- Sharpens all high speed steel drill bits from 4-13mm
- Unique 'True Point' action ensures accurate finish
- Precisely locates high speed steel drills for correct sharpening angles.
- Re-sharpens broken drill bits

SHARPENING HSS BIT (1a-1i)

1. Slide module 'high speed steel drill sharpener' onto the power unit
2. Remove the clamp from the clamp holder and insert the drill bit (1a)
3. Tighten the clamping ring slightly so the drill bit is still free to move.
4. Place the clamp containing the drill bit into the setting slot, using the grooves in the side to lower it in correctly (1b)

5. Move the drill bit forward up so it lays in the 'V' guide and touches the metal end stop (1c)
6. Turn the drill bit until the 'V' guide fully drops over it (1c)
7. All 4 drill bit corners should now be touching the 'V' guide sides.
8. With the drill bit in this position, tighten the clamping ring, so the drill bit can't move (1d)
9. Lift up the 'V' guide and remove the clamp.
10. Transfer the clamp and drill bit into the clamp into the clamp holder on the Power Unit module. (1e)
11. Switch the Power Unit on
12. Move the clamp holder from side to side, securing with light finger pressure (1f)
13. Remove the drill bit and holder and turn over (1g)
14. Move the clamp holder from side to side, securing with light finger pressure (1f)
15. Check the leading edge of both flutes are equally sharp. They should meet exactly in the middle as in (1h) not (1i)
16. Switch the Power Unit off. Before removing the module, ensure the grinding wheel has stopped.

7.2 Knife and scissor sharpener (Fig. 2)

- Sharpens all straight edged knives and scissors
- Unique top for sharpening knives
- Precisely angled slot for sharpening scissors

SHARPENING KNIVES (2a-2c)

1. Slide module 'knife and scissor sharpener' onto the power unit
2. Switch the Power Unit on
3. Hold the knife handle towards you and insert the blade into guide slot (2a)
4. As soon as the blade touches the grinding wheel, draw it with light steady pressure across the wheel. Do not press to hard (2b)
5. Insert the second side of the blade into the other guide slot (2c) and repeat #4
6. Repeat sharpening each side until a clean sharp edge is attained.
7. Switch the Power Unit off. Before removing the module, ensure that the grinding wheel has stopped.

SHARPENING SCISSORS (2d-2f)

1. Slide module 'knife and scissor sharpener' onto the power unit
2. Switch the Power Unit on
3. Open the scissors fully
4. Slide the first scissor blade through the front guide slot (2d). Keep the pivot of the scissors and other blade to the right side.
5. Draw the blade across the grinding wheel from pivot to tip. Use a light steady pressure, do not press too hard (2e)
6. Remove and turn the scissor over to sharpen the second blade (2f)
7. Repeat if necessary, until clean sharp edges are achieved.
8. Switch the Power Unit off. Before removing the module, ensure that the grinding wheel has stopped

7.3 Chisel and plane sharpener (Fig. 3)

- Regrinds chisel and plane blade up to 50mm wide
- Adjustable grinding angle from 15°-50°
- Powerful integral magnet to keep the blade secure
- Protective shield for added safety

SHARPENING BLADES (3a-3g)

1. Slide module 'chisel and plane sharpener' onto the power unit
2. Place the blade against the back lip of the plate (3a). The magnet helps hold in place.
3. The sharpening angle must match the existing beveled angle on the blade tip. Adjust if necessary.
4. To alter the angle, loosen the angle adjusting knob (3c), adjust the plate and then tighten the angle adjusting knob.
5. Make sure the blade edge touches the grinding wheel, then switch the Power Unit on.
6. Slide the blade and plate with light steady pressure back and forth across the grinding wheel in a continuous motion (3d). Do not hold the blade stationary, this causes irregular sharpening.
7. Gradually adjust the blade down the plate while sharpening (3e). Do not press hard. Grind gradually. Repeat if necessary.
8. Remove the blade and make sure the beveled edge and tip are evenly sharp. If not, adjust the grinding angle. It is important that the sharpening angle matches the existing beveled angle of the blade. This avoids removing too much metal unnecessarily and keeps plane blades at their optimum shaving angle (3f)
9. When sharpening thin chisel blades, place the small chisel guide onto the plate to act as a spacer and sharpen as before (3g)
10. Switch the Power Unit off. Before removing the module, ensure that the grinding wheel has stopped
11. Recommend that after grinding, the blade tip is honed on an oil stone.

8 CLEANING AND MAINTENANCE

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

8.1 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 TECHNICAL DATA

Voltage/frequency	230-240V~ 50Hz
Power Input	96W
No load speed	1350 min-1
Wheel diameter	56mm
Drill diameter	4mm – 13mm
Blade width	6mm – 51mm
Net weight	1,20kg

10 NOISE

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

Acoustic pressure level LpA	82 dB(A)
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Acoustic power level LwA	89 dB(A)
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ATTENTION! Wear hearing protection when sound pressure is over 85 dB(A).

11 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).

12 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.

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 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.

14 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.

15 DECLARATION OF CONFORMITY

The VARO logo, featuring the word "VARO" in white lowercase letters on a red rectangular background.



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

product : Multi-Function Sharpener
trade mark : POWERplus
model : POWX1350

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
2014/30/EU
2006/42/EC

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

EN 62841-1 : 2015
EN 55014-1 : 2017
EN 55014-2 : 2015
EN IEC 61000-3-2 : 2019
EN 61000-3-3 : 2013

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

The undersigned acts on behalf of the company CEO,

A handwritten signature in blue ink that reads "Mertens Ludo".

Ludo Mertens
Regulatory Affairs – Compliance Manager
10/03/2021, Lier - Belgium