

BENCH DRILL 350 W
POWX153

1 APPLICATION

Your bench drill has been designed for drilling holes in wood, metal and plastics.
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. 1)

1. Pulley guard
2. Motor
3. Feed handles
4. Chuck guard
5. Column
6. Table lock
7. Base
8. Table
9. Chuck
10. Machine casing
11. On/off switch
12. Drill depth gauge
13. Pulley guard cross screw
14. Belt tension lock knob

3 PACKAGE CONTENT LIST

- Remove all packing materials.
- Remove remaining packaging and transit supports (if existing).
- Check the completeness of the packing content (Fig. 2).
- 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 Headstock of machine
- 1 x Work table
- 1 x Base
- 1 x Column
- 1 x Chuck
- 1 x Chuck key
- 1 x Chuck guard
- 1 x Manual
- 3 x Flat washer
- 3 x Spring washer
- 3 x Bolt
- 2 x Hex key

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.		In accordance with essential requirements of the European directive(s).
	Read manual before use.		

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 ADDITIONAL SAFETY INSTRUCTIONS FOR BENCH DRILLS

- Only connect the machine to an earthed mains supply. Only use tree-core extension cords.
- This machine must be firmly secured to a suitable workbench or other stable work surface when selecting a suitable location for mounting this machine consideration must be given to the maximum length of the material to be drilled or machined and the position of the operator.
- Before starting the machine ensure that drills and other recommended cutting tools are fitted correctly and that all the securing bolts are tight. Check all guards are fitted and operating correctly and that the chuck key and any other adjustment tools have been removed.
- Keep hands well away from rotating drills and other cutting tools at all times.
- When drilling use the correct cutting lubricant/coolant for the material being drilled. Use only sufficient to prevent the drill from overheating and make sure that it is kept well away from electrical components. Never use water as a coolant. Keep drills and other cutters sharp and in good condition. This will improve cutting and reduce the load on the machine ensuring a longer life of the cutting tools and the machine.
- Use only drill bits, cutters and other accessories recommended by the manufacturer. Select the correct spindle speed for the size of drill being used. See instruction manual. Do not attempt to modify the machine or its accessories in any way.
- Use approved safety glasses or goggles at all times and a face mask and ear defenders when using for prolonged periods.
- Do not force the machine, let the machine do the work. This will reduce the wear on the machine and cutter and increase its efficiency and operating life.

- When drilling long lengths of material ensure that there is adequate support at both ends of the material.
- Never use the machine without the safety guards in position and operating correctly.
- When drilling wood and wood type materials, ensure that the work piece is free from any nails or other foreign objects that could damage the drills and other cutting tools.
- Always secure the workpiece in a suitable drill vice.
- Do not wear gloves, ties or loose clothing.
- While drilling, never hold the workpiece by hand, but firmly tighten it to the drilling table using a vice e.g. Never keep your fingers on a place where they could touch the drill in case the workpiece should move unexpectedly.
- Be aware that swarf can be very sharp and hot and can fly of the rotating drill. When handling swarf always wear suitable gloves. Swarf should not be disposed of with domestic waste, it should be disposed of at a recycling centre.
- Never leave the machine running while unattended. If you are interrupted when operating the drill, complete the process and switch off before looking up.
- Always allow the machine to come to a complete stop and disconnect from the power supply before leaving the unit unattended.
- Never use your hands to remove dust, chips or waste close by the drill bit.
- Do not use the machine until it has been mounted and installed completely according to the instructions.
- Do not switch on the machine while moving the head relative to the table or vice versa. Do not switch on the machine until having checked that head and table have been tightened firmly to the pillar.
- Do not use the machine if a part is damaged or badly functioning.
- Adjust the table or depth stop to prevent the drill from entering the table. Do not perform any design, assembly or construction activities on the table while the machine is switched on.
- Make sure that the chuck key (if applicable) has been removed before switching on the machine.
- Before switching on the machine, make sure the chuck has been mounted correctly, the drill has been mounted into the chuck firmly and the safety guard has been shut.
- In operation, use the recommended speed for the drilling accessories and the material.
- Switch off the power, remove the drill and clean the table before leaving the machine.
- Lock the on/off switch when leaving the machine.
- Even when the tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the tools construction and design:
- Contact with the drill bit.
- Kickback of work piece and parts of workpiece.
- Bit fracture.
- Catapulting of bit pieces.
- Damage to hearing if effective ear defenders are not worn. Wear ear defenders.
- Damage to lungs if effective breathing protection is not worn in operations in which dust is produced. Wear breathing mask.
- Damage to sight if effective eye protection is not worn. Wear goggles.

7 ASSEMBLY

- The bench drill comes partially assembled for packaging purposes. Lay the parts on the bench and check against the parts list (Fig. 2).
- Remove the anti-corrosive oil on the uncovered metal parts using a cloth and a little paraffin oil. Proceed with greasing the parts with machine lubricating oil.
- You will need:
- Suitable personal protective equipment (not supplied).

- Philips head screwdriver (not supplied).
- 3 x M8 x 20 mm bolts, washers and nuts for workbench mounting (not supplied).
- Chuck and chuck key.
- 4 mm hex key.

7.1 Mounting the base plate (Fig. 3) (optional)

- Select a suitable location for the drill on a workbench. Be aware of table legs and anything which might reduce access to the underneath of the workbench. A suitable mains supply socket must also be accessible for the plug.
- Locate the base plate (7) in the selected position.
- Select two suitable length bolts, washers and nuts (not supplied).
- Using the base plate (7) as a template drill two holes through the workbench.
- Bolt the base plate (7) to the bench. Do not over tighten as this could crack the cast base plate (Fig. 3).

7.2 Fitting the column (Fig. 4)

- Place column (5) on the base (7) and align holes in the column with holes in the base.
- Attach using bolt washer and spring washer hole through the column and into the base (Fig. 4).

7.3 Fitting the table (Fig. 5)

- Lower the table assembly onto the column (5). The assembly will slide easily into position so do not use force. Make sure the table assembly will rotate 360°.
- Tight the table lock to secure the table assembly into position (Fig. 5).

7.4 Fitting the head stock and motor (Fig. 6)

- Locate the two grub screws in the side of the head stock and motor assembly. Using a hexagonal key slacken the two grub screws.
- Lift the head stock and motor assembly and lower it onto the column. Make sure that it slides down and locates fully on the column.
- Position the head stock and motor assembly ensuring it is aligned with the base plate (7).
- Tighten the two grub screws to secure the head stock and motor assembly into place (Fig. 6).
- Retain the hexagonal keys for future adjustments.

7.5 Fitting the hand feed handles (Fig. 7)

- Locate and install the three hand feed handles (3).
- Simply screw the handles (3) into the three threaded holes located in the feed shaft boss. Make sure that all three handles (3) are tight (Fig. 7).

7.6 Fitting the chuck guard (Fig. 8)

- Warning: never attempt to use the machine without the chuck guard (4) fitted.
- The telescopic chuck guard (4) is partially assembled onto the machine.
- Remove three cross head screws just below the hinge on the red collar.
- Position the transparent plastic shield into the red collar and secure in place with the three small cross head screws (Fig. 8).
- The chuck guard (4) is spring loaded and on a hinge which allows the guard (4) to be moved upwards to expose the chuck (9) for drill installations and removal.
- Always return the guard (4) to cover rotating parts. Simply unscrew the wing nuts and the two piece guard will extend vertically up or down.
- Chuck guard (4) is adjustable to varying depths to give more protection (Fig. 8).

7.7 Fitting the 3 jaw chuck (Fig. 9-10)

- This machine is supplied with a taper stub shaft fitted into the spindle.
- To fit the chuck (9), clean the protective film from the chuck (9) internal taper and the stub shaft external taper with white spirit.

- Place chuck (9) onto the exposed stub shaft.
- Place a piece of wood onto the drill table.
- Using feed handles (3) lower the chuck (9) onto the wood.
- Gently apply pressure to engage the taper and then let the spindle raise to its upper position (Fig. 9-10).

The drill is now fully assembled and secured in position. The following adjustments and setting up instruction must be carried out before connecting the machine to the mains supply.

Before inserting or removing a drill, always pull the plug from the wall socket.

7.8 Connection to the power supply

- Make sure the on/off switch (11) is in its off position.
- Connect the plug with a suitable socket.
- Warning: check the voltage! The voltage must comply with the information on the rating label!

Your product is now ready to be used.
Check that you have noted all the following instructions:

- Before starting you must have fully read and understood the entire instruction manual.
- Working with this product is demanding; therefore ensure you are physically and mentally fit to complete the job safely.
- Ensure that you have all the accessories and tools needed for assembly and operation.
- Make sure that you wear suitable personal protective equipment.
- Ensure that no unauthorized people especially children, and pets are nearby or could enter the working area.
- Ensure that the product is free from damage and that it is not worn.
- Make sure that safety devices and accessories are correctly fixed.
- Double check that all assembly tools have been removed from the product before use.
- Undertake periodic structural checks of this product; do not use it if you have any doubts about its suitability for its intended purpose.

8 OPERATION

- Use waste material to practice your skills and to learn operating the machine first.
- When drilling through, adjust the table to make sure that the drill is aligned with the opening in the centre of the table. If required, mark the position on the front side of pillar and table in case the table should be set in the same position at a later time. Securely tighten the workpiece. Toppling, turning or sliding not only results in a rough drilling hole, it also increases the risk of the drill breaking off.
- Use a piece of waste wood as a backup to reduce the risk of the workpiece splintering and to protect the drill tip.
- Place flat workpieces on a wooden underground and clamp securely to the table to prevent them from turning. Support workpieces that are irregular of shape and cannot be put flat onto the table.
- Use the lift handles to bring the drill lift downwards. Slowly feed the drill into the workpiece.
- Drill slowly when the drill is about to break through the workpiece to prevent splintering.

8.1 Using a machine vice (vice not supplied) (Fig. 11)

- Warning: The drill should never be used without the work piece being securely held in a machine vice or clamped directly to the drill table (8).
- The drill table (8) is designed to accept a variety of machine vice which can be fastened directly to the drill table (8).
- Always secure the vice tot the table (8) with bolts, washer and nuts.

- If the drill jams into the work piece an unsecured machine vice will spin out of control causing the drill to snap and possibly injure the operator (Fig. 11).

8.2 Using the 3 jaw chuck (Fig. 12)

- Select the drill bit required.
- Open the jaws and insert the drill shank centrally into the chuck (9).
- Rotate the chuck (9) by hand until the jaws grip the drill bit.
- The chuck (9) has three holes around the chuck body. Locate the chuck key and using an even torque move from each hole location until all three holes have been covered. Continue with the steady torque until tight.
- Do not over tighten otherwise you will have difficulty removing the drill bit (Fig. 12).
- NOTE: remove the chuck key before use.
- Different drill bits and chisels can be used with this product depending on the workpiece material and application required.

8.3 Switching on and off (Fig. 13)

- This machine is fitted with a “No Volts Switch”. In the event of a mains power failure or if the mains plug is removed from the mains supply socket before the machine is switched off. The machine will not restart without warning when the mains supply is restored or the mains plug is reconnected to the mains supply, until the machine is switched ON at the ON//OFF switch (11) fitted to the machine.
- To start the machine press the green ON button.
- To stop the machine, press the red OFF button (Fig. 13).

8.4 Feed depth adjustment (Fig. 14)

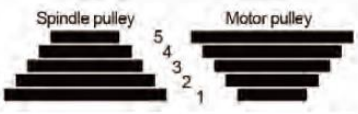
- This facility is useful if a number of uniform depth holes are required in a work piece.
- Set the work piece to be drilled in your machine vice.
- Insert the drill required into the chuck (9). Bring the drill bit into contact with the work surface.
- Using the depth stop nuts and the depth scale, set the depth of hole required, secure the depth stop nuts. The drill will stop at the required depth every time (Fig. 14).
- NOTE: always stop feeding while the depth stop nuts stops, otherwise the red plastic collar might be damaged.

8.5 Changing the spindle speed (Fig. 15)

- Warning: always ensure that the tool is switched off and unplugged from the power supply before making any adjustments or changing a drill bit.
- Unscrew the cross head screw (13) securing the pulley guard (1) and lift open the pulley guard (1) to expose the pulley system.
- Determine the spindle speed required.
- Identify the pulley arrangement that gives the nearest spindle speed to that required by referring to the drill speed chart (Fig. 15).

8.6 Drill speed chart

Belt setting	Spindle speed (min-1)
1	580
2	850
3	1220
4	1650
5	2650



- Slacken the belt tension locking knob. This will allow the tension on the drive belt to be released.
- The motor assembly is hinged to allow tensioning of the drive belt. To move the drive belt to the desired pulley arrangement push the belt on the largest drive spindle pulley towards the next smallest pulley and at the same time rotate the drive spindle, by hand until the drive belt locates onto the next smallest pulley.
- Repeat this procedure on the motor pulley until the desired pulley arrangement has been achieved (Fig. 16).
- NOTE: do not cross the belt to give intermediate speeds, this will cause damage to the machine.

Duty cycle (S2): this product has a rated duty cycle of S2. This product must only be run continuously for a maximum of 15 minutes. It must be then switched off and allowed to cool down to room temperature before being run again for 15 minutes.
Small diameter drills require a higher speed and as the drill diameter increases the slower the speed required. The following drilling speed chart is a guide only and only covers the more common materials, drill diameters and speeds.

Drilling speed chart (guide only)						
Material to be drilled						
Drill dia mm	Steel	Cast Iron	Gun metal	Aluminum	Plastics	Wood
	Drill speed (min-1)					
3	2500	2500	2500	2500	2500	2500
4	2500	2500	2500	2500	2500	2500
5	1900	2500	2500	2500	2500	2500
6	1900	2500	2500	2500	2500	2500
7	1400	1900	2500	2500	2500	2500
8	1400	1900	2500	2500	2500	2500
9	890	1400	1900	2500	2500	2500
10	890	1400	1900	1900	2500	2500
11	500	890	1400	1900	1900	2500
12	500	890	1400	1400	1900	1900
13	500	500	890	1400	1400	1900

8.7 Belt tension (Fig. 17)

- When the desired pulley arrangement has been achieved tension the drive belt.
- To check that the correct tension has been achieved, press your finger onto the centre of the drive belt. The drive belt should move approximately 13 mm.
- Retighten the belt tension locking knob (Fig. 17).

8.8 General guidelines for drilling

- Always centre punch the position for drilling. A centre punch is a pointed tool that marks the material to be drilled with a small indent. It stops the drill bit moving from the desired position.
- Always start by drilling a small pilot hole and gradually progress in drill diameter.
- When drilling metal, lubricate the drill tip with oil.

- Warning: Never cool with water or water based lubricant otherwise an electric shock could occur. DO NOT use oil when drilling copper or brass. Care should be taken when drilling copper and brass as the drill bit will be prone to jamming.

9 CLEANING AND MAINTENANCE

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

9.1 Cleaning

- Always wear sturdy gloves when handling or changing bits and cutters as they can be very sharp.
- Wear safety glasses to protect your eyes whilst 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

- Turn the drill shaft to the maximum drilling depth once per 3 months and grease it slightly with oil.

9.3 Spindle play (Fig. 18)

- Locate the spindle play adjustment set screw.
- Loosen the lock nut and finger-tighten the grub screw.
- Hold the grub screw into position with a hex key and tighten the lock nut (Fig. 18).

9.4 General inspection (Fig. 19)

- Regularly check that all the fixing screws are tight. They may vibrate loose over time.
- If the supply cord requires replacing, the task must be carried out by the manufacturer, the manufacturers agent, or an authorized service centre to avoid a safety hazard (Fig. 19).

9.5 Power cord

- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a safety hazard.

10 TROUBLE SHOOTING

Suspected malfunctions are often due to causes that the users can fix themselves. Therefor check the product using this section. In most cases the problem can be solved quickly.

Problem	Possible cause	Solution
1. Noisy operation	1.1 Incorrect belt tension 1.2 Loose spindle pulley 1.3 Loose motor pulley	1.1 Adjust tension 1.2 Tighten the pulley insert nut 1.3 Tighten the screws
2. Drill bit gets excessively hot	2.1 Incorrect speed 2.2 Chips not coming out of hole 2.3 Dull drill bit 2.4 Feeding too slow	2.1 Adjust the speed 2.2 Retract drill bit frequently to clear chips 2.3 Re-sharpen drill bit 2.4 Feed fast enough, allow drill bit to cut

	2.5 Drill bit not being allowed to cool down or not lubricated in use	2.5 Lubricate drill bit when cutting. Follow S2 duty cycle time
3. Wood splinters on underside	3. No back-up material under workpiece	3. Use back-up material
4. Drill bit binds	4.1 Not supported or clamped properly 4.2 Improper belt tension	4.1 Support workpiece or clamp workpiece 4.2 Adjust tension
5. Excessive drill bit runout or wobble	5.1 Bent drill bit 5.2 Worn spindle bearing 5.3 Chuck not properly installed	5.1 Change drill bit 5.2 Change bearing 5.3 Install chuck properly
6. Quill returns too slow or too fast	6. Spring has improper tension	6. Adjust spring tension
7. Chuck falls off when attached to spindle, falls off when trying to install it	7. Dirty, crease or oil on tapered inside surface of chuck or on the spindles tapered surface	7. Clean it
8. Pulley sliding	8. Belt is not tight	8. Tighten belt

Attention! Only perform the steps described within these instructions! All further inspection, maintenance and repair work must be performed by an authorised service centre or a similarly qualified specialist if you cannot solve the problem yourself!

11 TECHNICAL DATA

	POWX153
Mains voltage	230 V
Mains frequency	50 Hz
Power input	350 W
No-load speed	580-2650 min-1
Spindle taper	B16
Spindle travel	50 mm
Number of drilling speeds	5
Max drilling capacity	Ø13 mm
Table dimensions	160 x 160 mm
Base size	295 x 190 mm
Weight	11 kg
Protection class	Class I

12 NOISE

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

Acoustic pressure level LpA	69 dB(A)
Acoustic power level LwA	82 dB(A)

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

13 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).

14 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.

15 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.

16 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.

17 DECLARATION OF CONFORMITY

CE

VARO

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

product: Bench drill 350 W
trade mark: POWERplus
model: POWX153

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):

EN62841-1 : 2015
EN62841-3-13 : 2017
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
21/01/2021, Lier - Belgium