PLUNGE SAW

RACSP1200

USER GUIDE

WARNING: Read thoroughly the instruction manual before using.

CONTENTS

1. SAFETY INSTRUCTIONS

1.1 GENERAL POWER TOOL SAFETY WARNINGS

WARNING: 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*.

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.

1) **Work area safety**
   a) **Keep work area clean and well lit**. *Cluttered or dark areas invite accidents.*
   b) **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.*
   c) **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*
2) **Electrical safety**
   a) **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.*
   b) **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.*
   c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
   d) **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.*
   e) **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.*
   f) **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.*
3) **Personal safety**
   a) **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.*
   b) **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.*
   c) **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 energising power tools that have the switch on invites accidents.*
   d) **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.*
   e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
   f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*
   g) **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*.
   h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*
4) **Power tool use and care**
   a) **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.*

b) **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.*
c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
d) **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.*
e) **Maintain power tools and accessories. Check for misalignment or binding 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.*
f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
g) **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 those intended could result in a hazardous situation.*
h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5) Service

a) **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.*

1.2 SAFETY INSTRUCTIONS FOR ALL SAWS

Cutting procedures

a) **DANGER: Keep hands away from cutting area and the blade. Keep your second hand on auxiliary handle, or motor housing.** *If both hands are holding the saw, they cannot be cut by the blade.*
b) **Do not reach underneath the workpiece.** *The guard cannot protect you from the blade below the workpiece.*
c) **Adjust the cutting depth to the thickness of the workpiece.** *Less than a full tooth of the blade teeth should be visible below the workpiece.*
d) **Never hold the workpiece in your hands or across your leg while cutting. Secure the workpiece to a stable platform.** *It is important to support the work properly to minimize body exposure, blade binding, or loss of control.*
e) **Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting tool may contact hidden wiring or its own cord.** *Contact with a "live" wire will also make exposed metal parts of the power tool "live" and could give the operator an electric shock.*
f) **When ripping, always use a rip fence or straight edge guide.** *This improves the accuracy of cut and reduces the chance of blade binding.*
g) **Always use blades with correct size and shape (diamond versus round) of arbour holes.** *Blades that do not match the mounting hardware of the saw will run off-centre, causing loss of control.*
h) **Never use damaged or incorrect blade washers or bolt.** *The blade washers and bolt were specially designed for your saw, for optimum performance and safety of operation.*

1.3 FURTHER SAFETY INSTRUCTIONS FOR ALL SAWS
KICKBACK CAUSES AND RELATED WARNINGS

– kickback is a sudden reaction to a pinched, jammed or misaligned saw blade, causing an uncontrolled saw to lift up and out of the workpiece toward the operator;
– when the blade is pinched or jammed tightly by the kerf closing down, the blade stalls and the motor reaction drives the unit rapidly back toward the operator;
– if the blade becomes twisted or misaligned in the cut, the teeth at the back edge of the blade can dig into the top surface of the wood causing the blade to climb out of the kerf and jump back toward the operator.
Kickback is the result of saw misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

a) **Maintain a firm grip with both hands on the saw and position your arms to resist kickback forces. Position your body to either side of the blade, but not in line with the blade.** *Kickback could cause the*

saw to jump backwards, but kickback forces can be controlled by the operator, if proper precautions are taken.

b) **When blade is binding, or when interrupting a cut for any reason, release the trigger and hold the saw motionless in the material until the blade comes to a complete stop. Never attempt to remove the saw from the work or pull the saw backward while the blade is in motion or kickback may occur.** *Investigate and take corrective actions to eliminate the cause of blade binding.*

c) **When restarting a saw in the workpiece, centre the saw blade in the kerf so that the saw teeth are not engaged into the material.** *If a saw blade binds, it may walk up or kickback from the workpiece as the saw is restarted.*

d) **Support large panels to minimise the risk of blade pinching and kickback.** *Large panels tend to sag under their own weight. Supports must be placed under the panel on both sides, near the line of cut and near the edge of the panel.*

e) **Do not use dull or damaged blades.** *Unsharpened or improperly set blades produce narrow kerf causing excessive friction, blade binding and kickback.*

f) **Blade depth and bevel adjusting locking levers must be tight and secure before making the cut.** *If blade adjustment shifts while cutting, it may cause binding and kickback.*

g) **Use extra caution when sawing into existing walls or other blind areas.** *The protruding blade may cut objects that can cause kickback.*

1.4 SAFETY INSTRUCTIONS FOR PLUNGE TYPE SAWS

GUARD FUNCTION

a) **Check the guard for proper closing before each use. Do not operate the saw if the guard does not move freely and enclose the blade instantly. Never clamp or tie the guard so that the blade is exposed.** *If the saw is accidentally dropped, the guard may be bent. Check to make sure that the guard moves freely and does not touch the blade or any other part, in all angles and depths of cut.*

b) **Check the operation and condition of the guard return spring. If the guard and the spring are not operating properly, they must be serviced before use.** *The guard may operate sluggishly due to damaged parts, gummy deposits, or a build-up of debris.*

c) **Assure that the base plate of the saw will not shift while performing a "plunge cut".** *Blade shifting sideways will cause binding and likely kick back.*

d) **Always observe that the guard is covering the blade before placing the saw down on bench or floor.** *An unprotected, coasting blade will cause the saw to walk backwards, cutting whatever is in its path. Be aware of the time it takes for the blade to stop after the switch is released.*

1.5 SAFETY INSTRUCTIONS FOR PLUNGE SAWS

- Make sure that the mains voltage matches the specifications on the type plate.
- Persons with restricted physical, sensory or mental capabilities are not allowed to use the circular saw unless they are supervised and instructed by a guardian.
- Never leave the powered-on saw unattended and keep them out of reach of children and persons in need of supervision.
- Use only approved extension cords with a suitable cable quality.
- Do not bring your hands in the cutting area and the saw blade.
- Wear appropriate work clothing as well as eye protection, hand protection and hearing protection. Always handle the saw blade with gloves.
- Keep in mind that even a worn saw blade is still very sharp. Always grasp the saw blade on the sides. Do not fling the saw blade and do not drop it.
- Never use the circular saw with grinding wheels.
- Do not grip underneath the workpiece. The protective cover cannot protect you from the saw blade under the workpiece.
- Adjust the cutting depth to the thickness of the workpiece. It should be visible less than a full tooth height under the workpiece.
- Do not cut very small workpieces. When cutting round wood, use a device which secures the workpiece from twisting. Never hold the workpiece to be cut in your hand or across your leg. It is important to secure the workpiece properly to minimise the risk of physical contact, jamming of the saw blade or loss of control.

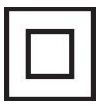
- Hold the saw only by the insulated gripping surfaces when performing an operation where the cutting tool may come into contact with hidden power lines or its own device cable. Contact with a live wire also exposes the metal parts to tension and leads to an electric shock.
- When cutting longitudinally, always use the parallel stop or a straight edge guide. This improves the cutting accuracy and reduces the possibility that the saw blade gets jammed.
- Use always saw blades in the correct size and with suitable locating bore. Saw blades that do not match the mounting parts of the saw will run unevenly and lead to loss of control.
- Never use a damaged or incorrect outer flange or a damaged clamping screw. The outer flange and the clamping screw have been specially designed for your saw for optimum performance and reliability.
- Start the circular saw and begin cutting when it reaches the full idling speed.
- Never brake the saw blade using lateral pressure after switching it off.
- Set the saw aside only when the saw blade comes to a standstill.
- Do not expose the saw to high temperatures, humidity and strong shocks. The saw can be damaged as a result.
- Use only blade diameters that conform to the markings;
- Identify the correct saw blade to use for the material to be cut
- Use only saw blades marked with a speed greater than or equal to the speed marked on the tool.
- Use only saw blades recommended by the manufacturer, and in accordance with EN 847-1, if intended for wood or similar materials.
- Check that all guards are working properly; the protector must open and close properly.
- Avoid overheating the ends of the blade to prevent melting of the plastic;
- Use a dust collection system with the tool. To do this, connect a dust collector to the outlet nozzle of the machine.
- Always wear a dust mask.
- Do not use any abrasive wheels.
- Check the function of all blade guard operations by regularly inspection before use.
- Do not use the product in potentially explosive atmospheres. Use the product only in ambient temperatures between 10 - 40 ° C.

1.6 RESIDUAL RISK

Residual risks cannot be completely ruled out even in case of proper use. Due to the nature of the machine, the following dangers may arise:

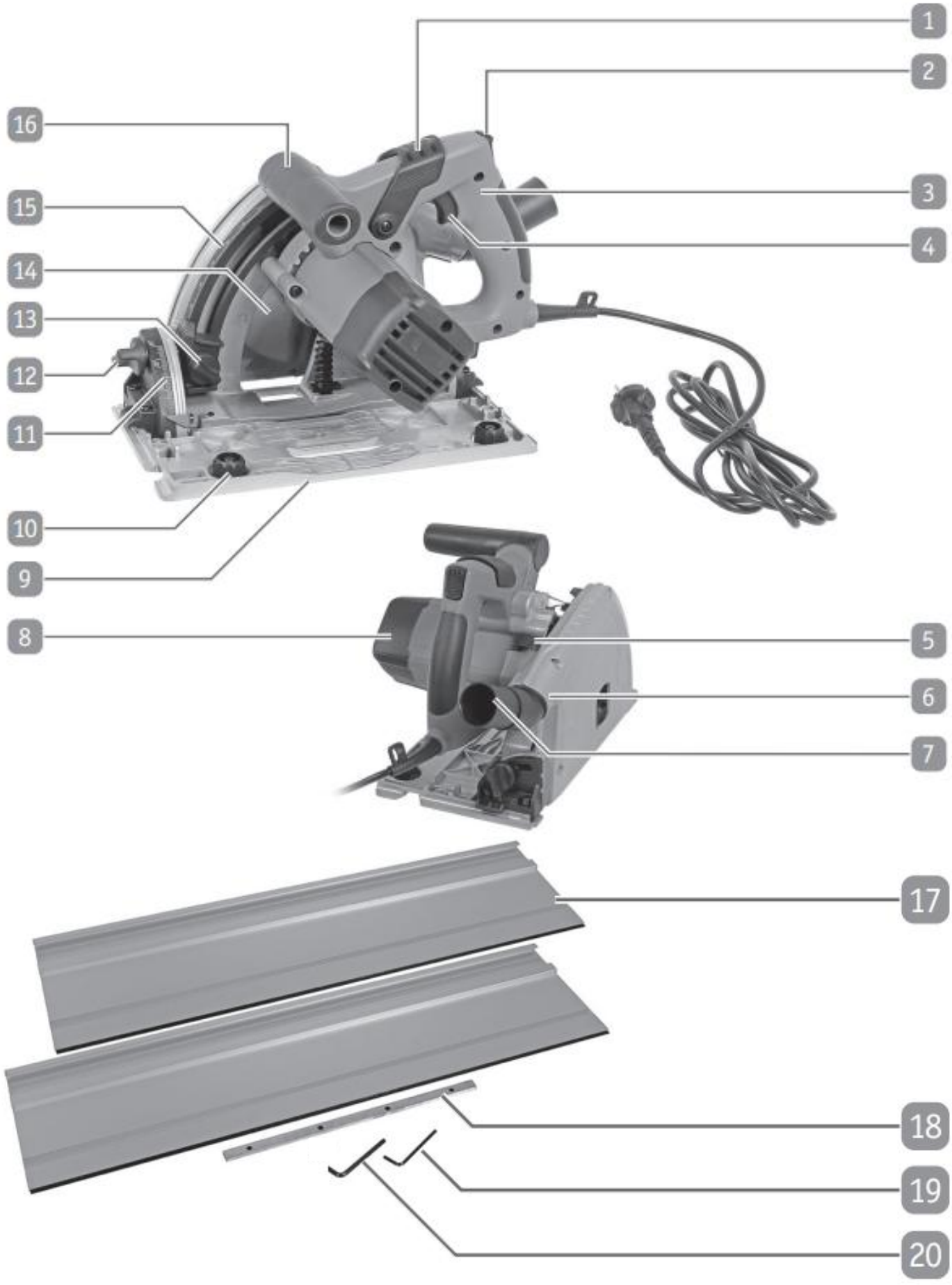
- Contact with the rotating saw blade (lacerations)
- Kickback of the workpiece or parts of the workpiece if handled incorrectly.
- Hearing damage if the required ear protection is not worn.
- Toxic saw dust may be produced if used in enclosed spaces.

1.7 EXPLANATION OF SYMBOLS

CE	This product complies with the European directives and an evaluation method of conformity for these directives was done.		Wear ear protection.
	Class II tools symbol.		Wear safety goggles.
	This product should not be disposed of in domestic waste. Please contact your local recycling centre for disposal service.		Wear protective gloves.
	Read operator's manual.		Wear a dust mask.

2. YOUR PRODUCT

2.1 DESCRIPTION:



1	Position lock (for changing the saw blade)	8	Motor	15	Cutting depth scale
2	Release button	9	Guide plate	16	Auxiliary handle
3	Handle	10	Track adjusters (2x)	17	Guiding track (consists of 2 pieces)
4	On/Off switch	11	Mitre angle scale	18	Connector for guiding track
5	Spindle lock button (for changing the saw blade)	12	Mitre angle adjustment screws (2x)	19	3mm hex key (for connecting the guiding track)
6	Dust extraction outlet	13	Depth adjustment screw	20	5mm hex key (for changing the saw blade)
7	Dust extractor adapter	14	Saw blade	21	

2.2 TECHNICAL SPECIFICATIONS

Model	RACSP1200
Rated Voltage & Frequency	230V~ 50Hz
Rated power	1200 W
Rated no-load speed	5200 /min
Specification of supplied saw blade	HW / 24T
Saw blade diameter	Ø 165 mm
Trimming width	2.6 mm
Saw blade bore	Ø 20 mm
Max. cutting depth	90° 56mm / 45°: 42mm
Protection class	II/⧈
Weight	4,5 kg
Sound pressure level & Uncertainty	L_{pA}: 97dB(A) K=3 dB(A)
Sound power level & Uncertainty	LwA: 105dB(A) K=3 dB(A)
Vibration & Uncertainty	ah: 2.7m/s^2 , K: 1.5m/s^2

INFORMATION

- The declared vibration total value(s) and the declared noise emission value(s) have been measured in accordance with a standard test method and may be used for comparing one tool with another;
- The declared vibration total value(s) and the declared noise emission value(s) may also be used in a preliminary assessment of exposure.

WARNING

- The vibration and noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used especially what kind of workpiece is processed; and
- of the need to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of 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).
- Wear hearing protection.

2.3 INTENDED USE

- This plunge saw is suitable exclusively for private use in the hobby and Do-it-yourself sector for the following purposes:
- The plunge saw is designed for cutting wood and similar materials, plaster and cementbonded fibre boards as well as plastics with the use of a suitable plunge saw blade.
- All other applications are expressly ruled out and are considered as unintended use. The manufacturer cannot be held responsible for damage or injury caused by misuse of the product. Examples of misuse are given in the following non-exhaustive list:
  - Using the product for purposes other than the intended purpose.
  - Failure to follow the safety instructions and warnings as well as the assembly, operating, service and maintenance instructions given in this operating manual.
  - Using accessories and spare parts not intended for this product.
  - Repair of the product by a person other than the manufacturer or a technician.
  - Commercial, non-industrial or industrial use of the product.
  - Operation or maintenance by those who do not know how to handle the product and/or do not understand the risks associated with it.
- Use the accessories according to these instructions. Failure to follow the instructions given in this user manual may result in serious injuries and loss of warranty. Comply with applicable local or national regulations concerning the use of this plunge saw. Do not make any modifications to the plunge saw. Any modification to the plunge saw may be dangerous and is prohibited.

3. BEFORE USING

3.1 UNPACKING

1. Take the plunge saw and accessories out of the packaging
2. Check if everything is present (see section Scope of delivery / Description of parts).
3. Check the plunge saw and accessories for damages.
4. Do not use the plunge saw if it is damaged or parts are missing. Contact the manufacturer via the service centre listed on the warranty card.

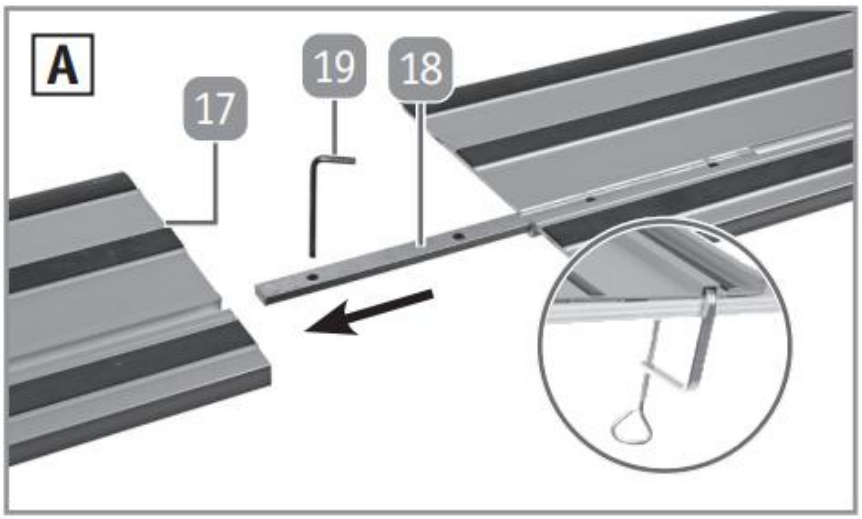
3.2 SCOPE OF THE DELIVERY

1x plunge saw
2x guiding track
1x connector for guiding track
2x hex key(3mm & 4mm)
1x dust extractor adapter
1x saw blade (installed)

3.3 ASSEMBLING THE GUIDING TRACK (FIG. A)

It is recommended only using the machine with the supplied guiding track. This not only provides better cutting results but also increases stability and safety.

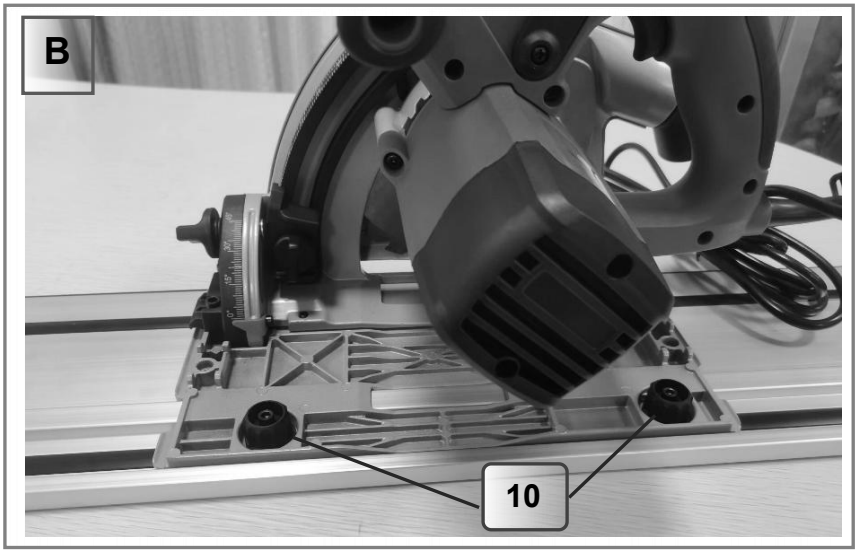
- The guiding track consists of 2 components. The size of the workpiece determines how many components will be required.
- Align the components (17) exactly with each other and secure them using the connector (18) and the 3mm hex key (19) .
- Note: A part of the rubber lip will be cut off during the first use. This is intentional and aligns the lip exactly with the saw blade resulting in optimal splinter protection.
- The guide rail can be attached to the workpiece with the clamp (Not included in delivery) to the workpiece if you have the clamp.



3.4 CONNECTING THE PLUNGE SAW WITH GUIDING TRACK (FIG. B)

The guiding track allows precise, cleand cuts and protect the surface of the workpiece at the same time. The play between the plunge saw and the guiding track must be kept as little as possible and can be adjusted with the track adjusters (10)

- Turn on of the track adjusters counter clockwise until the saw sits flush on the guiding track.
- Now turn the adjuster clockwise the track adjuster until the saw can be moved in both directions on the guiding track.
- Hold the track adjuster in position and retighten the hex screws.
- Repeat the above procedure with the second track adjuster.



3.5 CONNECTING THE DUST/CHIP EXTRACTION(FIG. C)

⚠**WARNING:** Some materials are hazardous to health. Cutting hazardous substances and materials such as asbestos, is not permitted with this saw. Harmful or toxic dust may be produced when sanding lead-containing paints, some types of wood, minerals or metals. Contact with, or inhaling these dusts may trigger allergic reactions and/or breathing difficulties in the operator or bystanders. Certain dusts like oak or beech in conjunction with certain additives in wood treatments (chromate, wood preservatives) are considered cancerous.

GENERAL NOTES

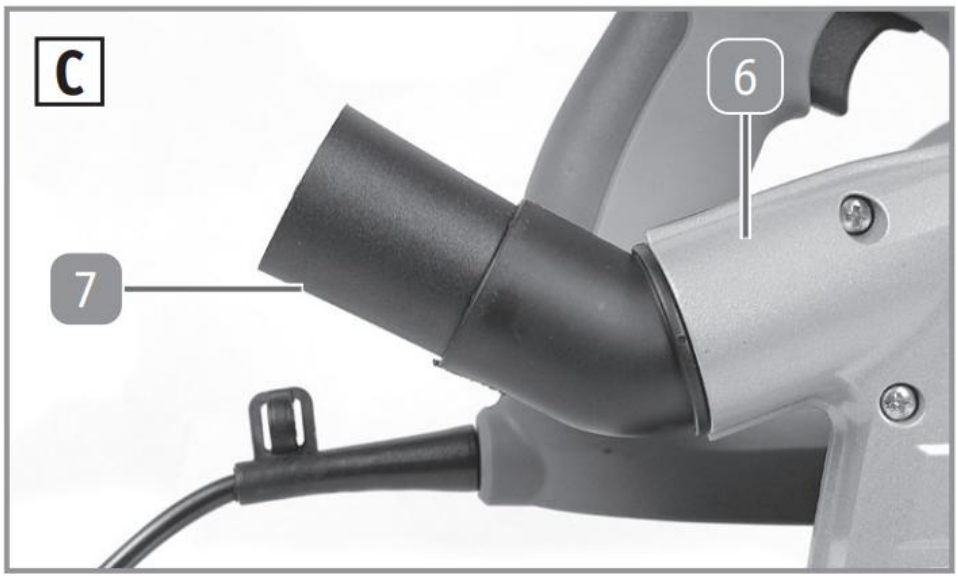
- Preferably use dust extraction.
- Ensure that the work place has good ventilation.
- If possible, wear a breathing mask (filter class P2).
- Follow the locally applicable regulations regarding the machining of certain materials.

GENERAL INFORMATION

- Push a suitable extraction hose (not included in delivery) onto the dust extraction outlet(6) using an adapter for extraction(7) if necessary .
- Then connect the suction hose to a dust extraction device (not included in delivery).
- The dust extractor has to be suitable for the material being sanded.
- Use a special dust extractor when extracting toxic, carcinogenic or fine dust.

MOUNTING THE DUST COLLECTION BAG

- Press the holding clips of the dust collection bag (not included in delivery) together.
- Slide the dust collection bag onto the adapter for extraction (7) .
- Check if the zipper is closed.



4. OPERATION

WARNING:

- Do not hold the workpiece too close to the saw blade.
- Always fix the workpiece to be cut additionally using the quick-release hold-down device (not included in the supply).
- Use additional supporting pads for making cuts safely on long workpieces.
- Do not place the saw blade with jerks on the workpiece, as this could cause the saw blade to kickback.
- Lower the saw head with the rotating saw blade slowly and evenly until the saw blade makes contact with the workpiece.
- After finishing the cut, hold the saw head down, release the switch and wait until the saw blade comes to a complete stop before moving your hands.
- Plan adequate breaks between sawing operations to avoid overheating the saw teeth and the saw.
- Disconnect the machine from the mains before carrying out any kind of maintenance, adjustments or repair.

4.1 CONNECTING THE POWER

- Connect the plunge saw only to a socket that is properly earthed.
- The plunge saw is designed for use with single phase alternating current 230 V AC / 50 Hz and is double-insulated. Make certain that the rated voltage stated on the tool's rating plate matches the local mains voltage.
- Ensure that water does not come in contact with the electrical parts of the plunge sawl, as well as with anyone who is in the work area.

Note:

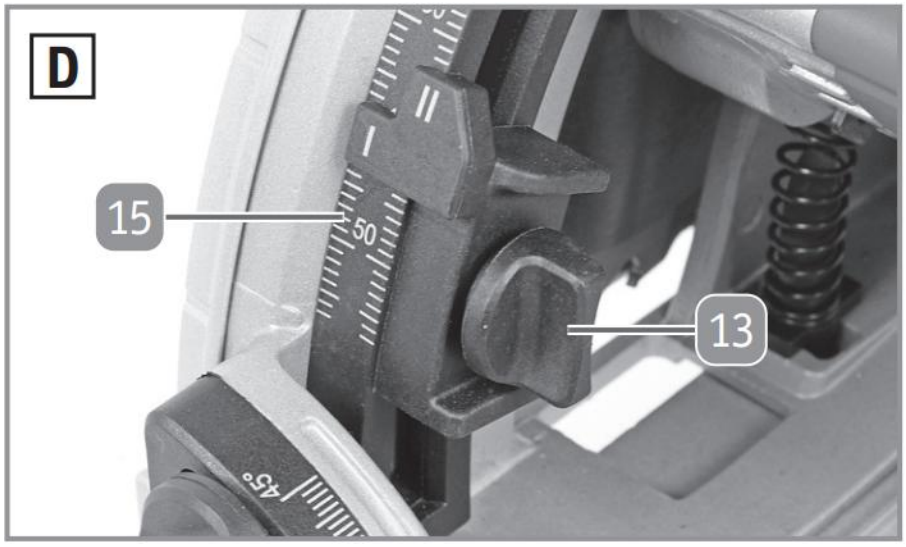
- Use an extension cable if the work area is not close to the mains outlet. Ensure that the cross section of the extension cable is at least 1.5 mm^2. If necessary, ask the dealer for advice when purchasing.
- The extension cable used should be as short as possible.

- Ensure the mains cable does not pose a tripping hazard.

4.2 ADJUSTING THE CUTTING DEPTH (FIG. D)

The cutting depth can be adjusted from 0 - 56 mm.
- Mark I refers to the cutting depth without guiding track.
- Mark II refers to the cutting depth with guiding track.

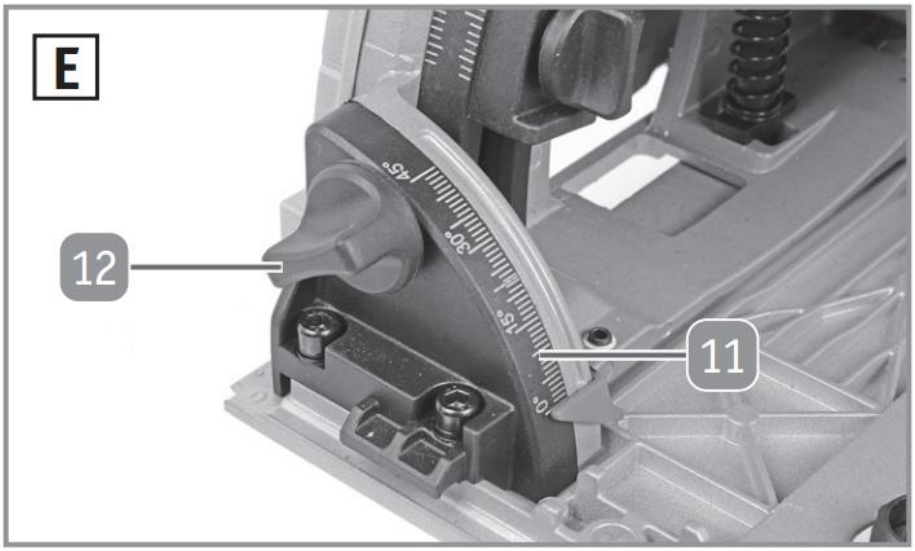
- Turn the cutting depth adjustment screw (13) counter-clockwise.
- Move the saw up and down using the scale (15) to align the mark with the desired depth indication.
- Tighten the cutting depth adjustment screw clockwise.



4.3 ADJUSTING THE MITRE ANGLE (FIG. E)

The mitre angle can be adjusted between 0° - 45°

- Turn the mitre angle adjustment screw (12) counter-clockwise.
- Move the saw back and forth using the scale (11) to align the mark with the desired angle indication.
- Tighten the mitre angle adjustment screws clockwise.



4.4 SWITCHING ON / OFF (FIG. F)

Note: For safety reasons the machine may not be 'locked-on'. The trigger must be held at all times when operating the machine.

Switching on:
- Move trigger lock button (2) into forward position and push the On/Off switch (4) .

Switching off:
- Release the On/Off switch.

4.5 SAWING

Note: Secure and fasten the workpiece before starting work. Large boards should be supported in order to reduce the risk of kickback caused by a jammed saw blade.

- Maintenez la scie circulaire plongeante à deux mains sur les poignées (3 , 16) et veillez à avoir une position stable.
- Mettez la scie en marche et attendez qu'elle soit à son régime maximal avant de commencer à scier.
- Appuyez la scie vers le bas.
- Guidez la scie le long de la ligne de coupe, sans exercer de pression supplémentaire.
- Sélectionnez une vitesse de travail adaptée (glissante, sans pression supplémentaire). Vous évitez ainsi que la lame de scie ne surchauffe ou que la pièce à scier en plastique ne fonde.

SI LA LAME SE BLOQUE :

WARNING: Before removing any jammed material, allow the saw blade to stop completely, switch off the saw and disconnect the mains plug from the socket.

- Switch off the saw and swing the saw head upwards.
- Disconnect the mains plug from the socket.
- Remove the blockage, e.g. a jammed piece of wood. Do not forget to wear protective gloves to protect yourself from the sharp saw blade and any splinters of wood.
- Then turn the saw blade a few times by hand to check if the saw blade is rotating freely and evenly again.

4.6 MOUNTING / CHANGING THE SAW BLADE (FIG. G, H, I)

WARNING: Wear protective gloves when replacing the saw blade. Store unused saw blades in their package to prevent the risk of injury. We recommend to carry saw blades in a suitable container.
Do not use HSS saw blades, cutting discs or grinding discs. The use of grinding discs or saw blade not suitable for the saw can cause damages and severe accidents.

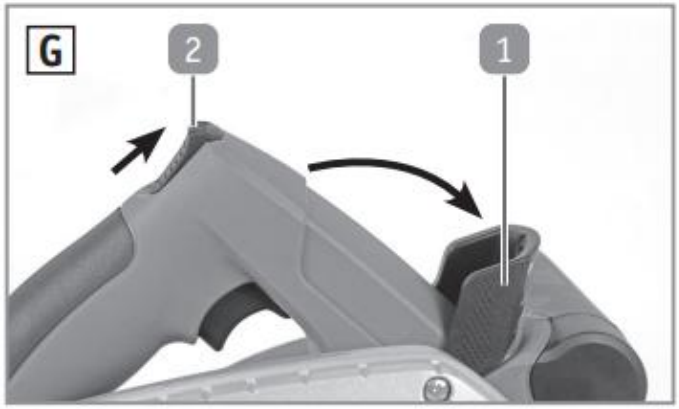
Note: Using unsuitable saw blades may result in damage.

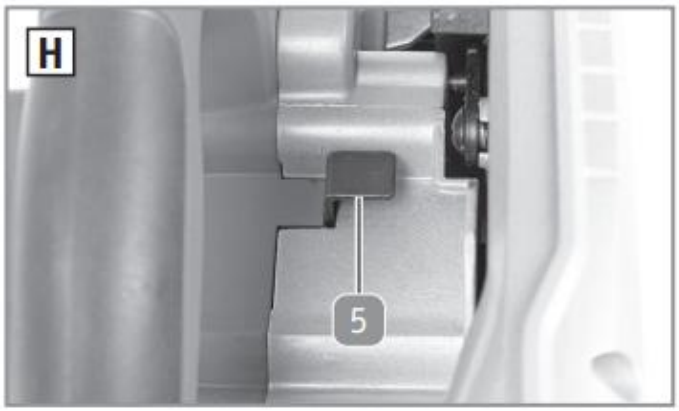
- Make sure that the saw blades used match the specifications given in this user manual.
- Use only saw blades having a maximum allowable speed of at least as high as the saw's no load speed.
- Push the unlocking button 2 forward.
- Lower the saw all the way down.
- Then slide the position lock 1 forward.
- Press the spindle lock button 5 and turn the blade until it locks in place.
- Open the saw blade screw B using the supplied 5 mm hex key. 21 Keep the spindle lock button pressed.
- Remove the outer flange C and the saw blade 14 .
- Mount the new saw blade. Ensure it is fitted correctly (refer to the markings on the saw blade and the protective guard of the plunge saw.)
- Replace the flange.

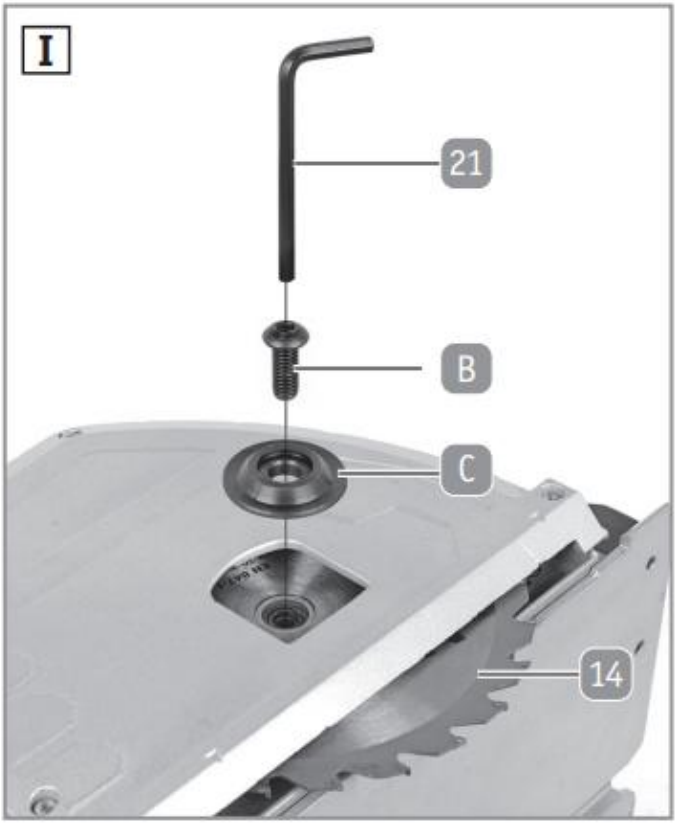
- Insert the saw blade locking screw and tighten it. Keep the spindle lock button pressed.
- Release the spindle lock button and move the position lock in its original position.

APPROVED TOOLS

Use only approved and tested saw blades which meet the following minimum requirements:
Type Uncoated tungsten carbide base (HW)
Diameter 165 mm
Saw blade bore 20 mm
Saw blade thickness (max.) 2.6 mm
Speed (max.) 7000 min^{-1}
Note the permitted speed on the saw label. Use only approved and tested saw blades in accordance with EN 847-1. Use saw blades suitable for the material to be machined.







5. MAINTENANCE/CLEANING/STORAGE AND TRANSPORT

WARNING: Disconnect the machine from the mains before carrying out any kind of maintenance, adjustments or repair.

5.1 MAINTENANCE

The machine requires very little maintenance. Always keep the ventilation slots and the area around the saw blade clean. Only use spare parts / accessories from the manufacturer or authorised and qualified workshops.
Repairs should only be carried out by qualified technicians or by an authorised service centre. Qualified technicians must have relevant training and experience, be familiar with the design and construction requirements of the product and understand and follow the safety regulations.

~~**b) Always arrange for the exchange of the plug or the power cord to be carried out by the manufacturer of the appliance or by its approved customer services.** *This will ensure that the safety of the power tool is maintained.*~~

5.2 CLEANING

Caution! Make sure that liquids do not get inside the plunge saw.

Clean the plunge saw included guarding system with a moist cloth. Never use strong and / or abrasive cleaning agents or solvents. Allow all the parts to dry completely. Ensure that water does not get into the scarifier.

5.3 STORAGE

- Clean the plunge saw before storage (see chapter "Cleaning").
- If the plunge saw is not being used, keep it in a safe, cool, dry and well-ventilated place, out of the reach of children.
- Store the product at an ambient temperature of 0 - 40° C.

5.4 TRANSPORT

- Use the original packaging and secure the plunge saw in place during transport.
- Always carry the plunge saw using the handle provided for this purpose.

5.5 POWER CORD

- If the replacement of the supply cord is necessary, this has to be done by the manufacturer or his agent in order to avoid a safety hazard.
- **Always arrange for the exchange of the plug or the power cord to be carried out by the manufacturer of the appliance or by its approved customer services.** *This will ensure that the safety of the power tool is maintained.*

6. TROUBLESHOOTING

Problem	Possible cause	Rectification
Plunge saw does not start	Damaged cable	Check if the plunge saw is correctly connected to the power supply. Have the cable replaced by customer service.
	Fuse tripped	Check the household fuse box
	The fuse or the RCD protection device can trip if the motor is overloaded.	Check the household fuse box
	Trigger defective	Have the trigger switch checked by customer service
The cut is not straight	The cut is not straight	Check that the saw blade teeth are sharp. Change the saw blade if necessary.
	The saw blade is fitted the wrong was round.	The arrow printed on the saw blade must point in the same direction as the arrow on the blade guard.
	The saw blade is not suitable for the workpiece.	Follow instructions from the saw blade manufacturer.
The motor reaches full speed with difficulty and has no power.	An undersized extension is being used.	Ensure the extension cable has a sufficient conductor diameter of 1.5 mm2.
	The mains voltage is too low	Ensure local mains voltage agrees with the information on the rating label.
The plunge saw vibrates	The saw blade is damaged.	Check the saw blade for signs of damage.

7. DISPOSAL

Electrical products should not be discarded with household products. According to the European Directive 2012/19/EC on waste electrical and electronic equipment and its implementation into national law, electrical products used must be collected separately and disposed of at collection points provided for this purpose. Talk with your local authorities or dealer for advice on recycling.

8. DECLARATION OF CONFORMITY

CE

BUILDER SAS
ZI, 32 rue, Aristide Bergès – 31270 Cugnaux - France
Tel: +33 (0)5.34.502.502 Fax: +33 (0)5.34.502.503

States that the designated below machine:
Plunge Saw

RACSP1200

Serial number: 20250113476-20250115365

Developed, designed and manufactured in accordance with the requirements of directives:
Machinery Directive 2006/42/EC
EMC Directive 2014/30/EC
ROHS Directive (EU)2015/863 amending 2011/65/EU

Also meets the following standards
EN 62841-1: 2015+A11:2022
EN 62841-2-5: 2014
EN IEC 55014-1:2021;
EN IEC 55014-2:2021;
EN IEC 61000-3-2:2019+A1
EN 61000-3-3:2013+A1+A2

Cugnaux, 21/10/2025

Philippe MARIE/PDG

Responsible of the technical file: Mr Olivier PATRIARCA

9. WARRANTY

The manufacturer guarantees the product against defects in material and workmanship for a period of 2 years from the date of the original purchase. The warranty only applies if the product is for household use. The warranty does not cover breakdowns due to normal wear and tear.

The manufacturer agrees to replace parts identified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, in whole or in part, and/or ensuing damage.

The warranty does not cover breakdowns due to:

Insufficient maintenance.
Abnormal assembly, adjustment or operations of the product.
Parts subject to normal wear and tear.

The warranty does not extend to:

Shipping and packaging costs.
Using the tool for a purpose other than that for which it was designed.
The use and maintenance of the machine done in a manner not described in the user manual.

Due to our policy of continuous product improvement, we reserve the right to alter or change specifications without notice. Consequently, the product may be different from the information contained therein, but a modification will be undertaken without notice if it is recognized as an improvement of the preceding characteristic.

READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.

When ordering spare parts, please indicate the part number or code, you can find this in the spare parts list in this manual. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us by phone or via our website:

+33 (0)9.70.75.30.30
https://services.swap-europe.com/contact

You must create a "ticket" via the web platform.

Register or create your account.
Indicate the reference of the tool.
Choose the subject of your request.
Describe your problem.
Attach these files: invoice or sales receipt, photo of the identification plate (serial number), photo of the part you need (for example: pins on the transformer plug which are broken).

9. PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- Go to the store with the complete machine and with the receipt or invoice.

If you bought your product on a website:

- Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- Create a SWAP-Europe service ticket on the site: https://services.swap-europe.com When making the request on SWAP-Europe, you must attach the invoice and the photo of the nameplate (serial number).

Contact the repair station to make sure it is available before dropping off the machine.

Go to the repair station with the complete machine packed, accompanied by the purchase invoice and the station support sheet downloadable after the service request is completed on the SWAP-Europe site

Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.

For any question concerning our after-sales service you can make a request on our website https://services.swap-europe.com

Our hotline remains available at +33 (9) 70 75 30 30.

10. WARRANTY EXCLUSIONS

THE WARRANTY DOES NOT COVER:

- Start-up and setting up of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from assembly or start-up not in accordance with the user manual.
- Breakdowns related to carburetion beyond 90 days and fouling of carburetors.
- Periodic and standard maintenance events.
- Actions of modification and dismantling that directly void the warranty.
- Products whose original authentication marking (brand, serial number) has been degraded, altered or withdrawn.
- Replacement of consumables.
- The use of non-original parts.
- Breakage of parts following impacts or projections.
- Accessories breakdowns.
- Defects and their consequences linked to any external cause.
- Loss of components and loss due to insufficient screwing.
- Cutting components and any damage related to the loosening of parts.
- Overload or overheating.
- Poor power supply quality: faulty voltage, voltage error, etc.
- Damages resulting from the deprivation of enjoyment of the product during the time necessary for repairs and more generally the costs related to the immobilization of the product.
- The costs of a second opinion established by a third party following an estimate by a SWAP-Europe repair station
- The use of a product which would show a defect or a breakage which was not the subject of an immediate report and/or repair with the services of SWAP-Europe.
- Deterioration linked to transport and storage*.
- Launchers beyond 90 days.
- Oil, petrol, grease.
- Damages related to the use of non-compliant fuels or lubricants.

* In accordance with transport legislation, damage related to transport must be declared to carriers within 48 hours maximum after observation by registered letter with acknowledgement of receipt.
This document is a supplement to your notice, a non-exhaustive list.
Attention: all orders must be checked in the presence of the delivery person. In case of refusal by the delivery person, it you must simply refuse the delivery and notify your refusal.
Reminder: the reserves do not exclude the notification by registered letter with acknowledgement within 72 hours.
Information:
Thermal devices must be wintered each season (service available on the SWAP-Europe site). Batteries must be charged before being stored.

BUILDER SAS
32 rue Aristide Bergès - Z.I. du Casque - 31270 Cugnaux - France
MADE IN PRC