



This user manual refers to the above machine.

The original of this user manual was written in French (any user manual in another language is a translation from the original).

It contains important information on its operation and handling.

Take this into account when you pass the product on to third parties.

Keep these instructions for future reference!

Table of contents

Warnings	3
Description	4
Applications	4
Technical data	4
Accident prevention regulations 1.2 noise (VGB 121)	4
Introduction	5
Risks when handling the machine	5
Use compliant with intended purpose	5
Original spare parts and safety	5
Warranty	6
Description of the operating station	6
Use	7
Blade change	10
Transport	11
Servicing and maintenance	11
Electrical diagram	12
CE Declaration of Conformity	13

Warnings

Caution: the Surfin groove milling machine is manufactured in accordance with the applicable European directives. Guards and protective devices must under no circumstances be removed or modified. When using the machine, attention should be paid to the following points:

1. Read the instruction manual before using the appliance.
2. The SURFIN groove milling machine must always be used in accordance with safety rules and technical instructions.
3. The battery must always be taken out of the SURFIN groove milling machine during transport or cleaning and when carrying out any repair or maintenance operations. This also applies to changing tools.
4. The operator must never leave the machine unattended when it is running.
5. Before leaving the machine, ensure that the battery is taken out of the SURFIN groove milling machine.
6. After maintenance or adjustment, ensure that all safety components have been put back in place.
7. Ear defenders must be worn.
8. Eye protectors must be worn.
9. Safety shoes must be worn.
10. Cut-resistant gloves must be worn.
11. If a large amount of dust is produced during work, it is recommended to use a vacuum cleaner or other dust collector along with suitable breathing apparatus.
12. Depending on the type of floor, the SURFIN groove milling machine may produce gases. The operator is responsible if gases are produced and if it is necessary to wear protective devices. Milling some floors may produce substances which are harmful to health. Special, suitable breathing equipment must be worn. In this case, a dust collector must be used.
13. The floor should be swept before work starts, since some materials or waste may be thrown into the air. Screws and bolts in the floor will be more visible if it is cleaned. If the machine hits screws or bolts, it may be seriously damaged.
14. Only use the machine indoors and do not store it outdoors or in a damp area.
15. Only use mills in perfect condition and suitable for the intended use.
16. The machine should only be serviced by qualified technicians.
17. Use only original spare parts.
18. Dismantling of the electrical box, batteries or charger is strictly prohibited.
19. Recharge the batteries only with the charger provided

BATTERY USE AND MAINTENANCE

Recharge only with the charger specified by ROMUS. A charger which is suitable for one type of batteries may create a fire risk if it is used with another type of batteries

Use tools only with specially designated batteries. Using any other batteries may create a risk of injury and fire.

If the battery is not in use, keep it away from metal objects such as paper clips, coins, nails, screws or other small metal objects where there is a risk of making contact between the two terminals. Short-circuiting the battery terminals may cause sparks, burns or a fire.

In the event of poor use, liquid may escape from the batteries. Avoid any contact with this liquid. In the event of accidental contact, rinse the affected parts immediately under running water. If it splashes into your eyes, consult a doctor. The liquid escaping from the batteries may cause irritation or burns.

Description

Electric **groove milling machine**. A motor drives a blade which cuts a groove in the floor covering.

Applications

For cutting grooves in all types of flexible floor covering, such as PVC, linoleum, etc.

Technical data

Voltage (V):	18V
Revolutions per minute (rpm):	3800
Weight (kg):	5.1 kg

A weighted acoustic power level, LwAd (dB): 99 complying with ISO 4871

Weighted emitted sound pressure level A, LpAd (20µPa reference) at the operator work station, complying with ISO 4871 (dB): 96.3

Measured value for emitted vibrations, a, complying with EN 12096 (m/s²): 2.06 uncertainty, K, in m/s²: 0.82

The exposure time must be less than 11 hours 45 minutes for the exposure to remain below the action value (2.5 m/s²) and less than 1 day, 23 hours 2 minutes for the exposure to remain below the limit value of 5 m/s² (calculations using the INRS method).

Delivered in Systainer box with:

- 2 × 18V 4000mAh batteries Ref. 195320
- 1 battery charger
- 1 mill, Ref. 95009, installed
- 1 mill wrench
- 1 swarf bag

Accident prevention regulations 1.2 noise (VGB 121)

The contractor is responsible for providing insured persons working in the area subject to noise with suitable noise protection equipment.

The insured persons are responsible for using the anti-noise protective equipment in the area subject to noise. Working without anti-noise protective equipment can be harmful to health. In particular, this can cause a risk or damage to hearing or increase the risk of accidents.

Introduction

The operating instructions will help you get to know your SURFIN groove milling machine and make the best use of it. You will find valuable information which will enable you to recognise dangerous situations in time, and to avoid them.

In this way, you will help not only to protect your own safety but also to reduce repair costs and increase the service life of your machine.

This instruction manual must be read and understood by all individuals using this machine, including those involved in its maintenance.

Risks when handling the machine

The SURFIN groove milling machine is manufactured in accordance with the technical regulations in the applicable European directives.

Incorrect use may cause injury to the operator. See the section on using the appliance.

Use consistent with the intended function

The SURFIN groove milling machine is designed exclusively for cutting grooves in floor coverings in dry rooms. Usage other than for this purpose or over and above it shall be deemed non-compliant with the intended purpose and ROMUS shall not be liable under the warranty for any resulting damage.

Original spare parts and safety

Original spare parts and accessories are specially designed for the SURFIN groove milling machine. Your attention is drawn to the fact that other parts must not be used. They could adversely affect the safety of the machine.

This is especially applicable to the machine's blade. Romus declines all responsibility for damages caused by the use of non-original spare parts.

Warranty

The machine was delivered to the user in accordance with the conditions valid at the time of purchase. The user may not modify the machine for any reason. In the event of defects, the user should contact the

ROMUS after-sales department. Any attempt by a user or unauthorised staff member to dismantle or modify a component leads to expiry of the warranty, and ROMUS shall not be liable for any damage or injury to the persons and objects concerned by these modifications. Thus, ROMUS shall not be liable in the following cases:

Faulty installation:

- Incorrect use of the machine by staff members who have not received appropriate training
- Use contrary to the standards in force in the country of use
- Recommended maintenance not carried out or poorly carried out
- Use of non-original spare parts or spare parts which do not correspond to the model
- Total or partial non-compliance with instructions.

Description of the operating station

The operator kneels behind the machine, with one hand on the handle



Use

DANGER: If you lean on the machine, the blade comes out of the opening in the lower part. It is therefore essential to keep your hands away from the cutting area and the blade. Contact by any part of the body with the blade rotating will cause serious injury.

Battery installation and removal

Charging the battery

Use only the Romus charger supplied. Only these chargers are compatible with the lithium ion battery used in your power tool.

Note: The battery is supplied in a low charge state. To guarantee its full output, charge it in the charger before first start-up for at least 2 hours. A lithium ion battery can be recharged at any time without reducing its working life. Interrupting the charging process will not damage the battery.

To remove the battery, take it out of the tool by pressing on the button on top of the battery.

To insert the battery, align its tongue on the groove in the housing and slide the battery in until it locks with a click.

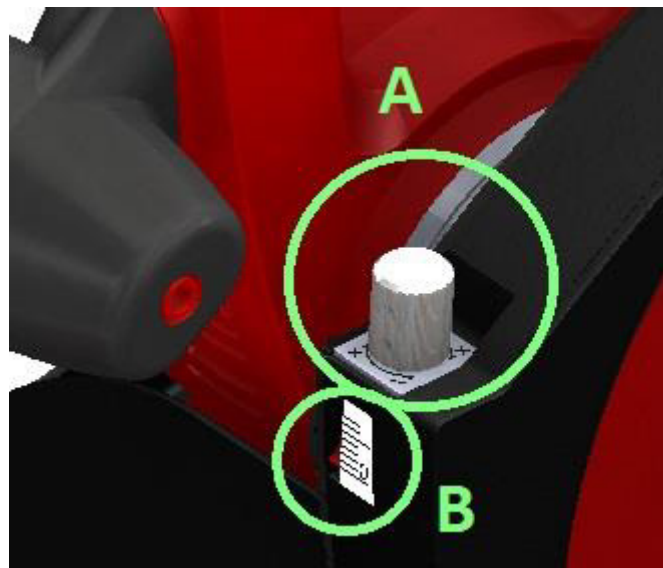
Never force the battery while you are inserting it. If the battery does not go in easily, you are not inserting it correctly

Adjusting the grooving depth

The depth of the groove depends on the thickness and nature of the covering:

- For homogeneous PVCs and linoleums, cut the groove to $\frac{2}{3}$ of the thickness of the covering.
- For non-homogeneous PVCs, cut the groove only in the wear layer.

Move the knurled depth adjustment knob (A) until the cursor (B) is opposite the desired depth.



Before cutting the groove, test on the covering chutes and correct if necessary

Cutting the groove

Insert the narrow front caster (A) into the joint and align the rear wide caster (B) with the joint. Press simultaneously on the unlocking detente (C) and the On/Off switch (D) located under the handle and hold the latter down.



Lower the handle slowly until it is in the stop. Maintain this position and then move the grooving machine along the joint. After a few centimetres, the rear guide caster (wider) penetrates directly into the chamfer created already, finally providing guidance for the machine.

At the end of each groove cutting, first release the pressure on the handle. This moves automatically into the safety position under the action of a return spring; now release the switch (D)

Swarf bag

To guarantee the best possible aspiration, the bag must be emptied regularly.

The swarf is evacuated very simply by opening the slide on the bag.

Blade change

Remove the bag

Remove the battery

Use the wrench supplied to unscrew the two cap screws

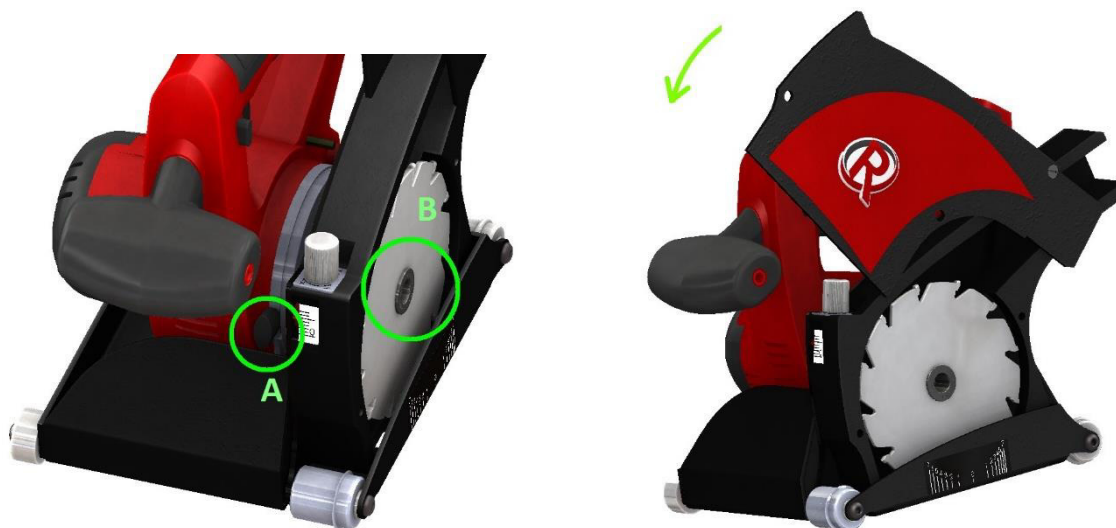


Swivel the cap and then, by pressing on the shaft locking button (A), unscrew the blade screw (B) clockwise with the wrench supplied



Remove the pin, then the worn blade and replace it, paying attention to the direction of rotation

Position the pin (B) by turning it until it clicks, so that it is embedded completely
Press the shaft locking button (A) to tighten the blade screw (B) anticlockwise, using the wrench provided, then lower the cap, retighten the two cap screws and store the wrench in its housing.



Transport

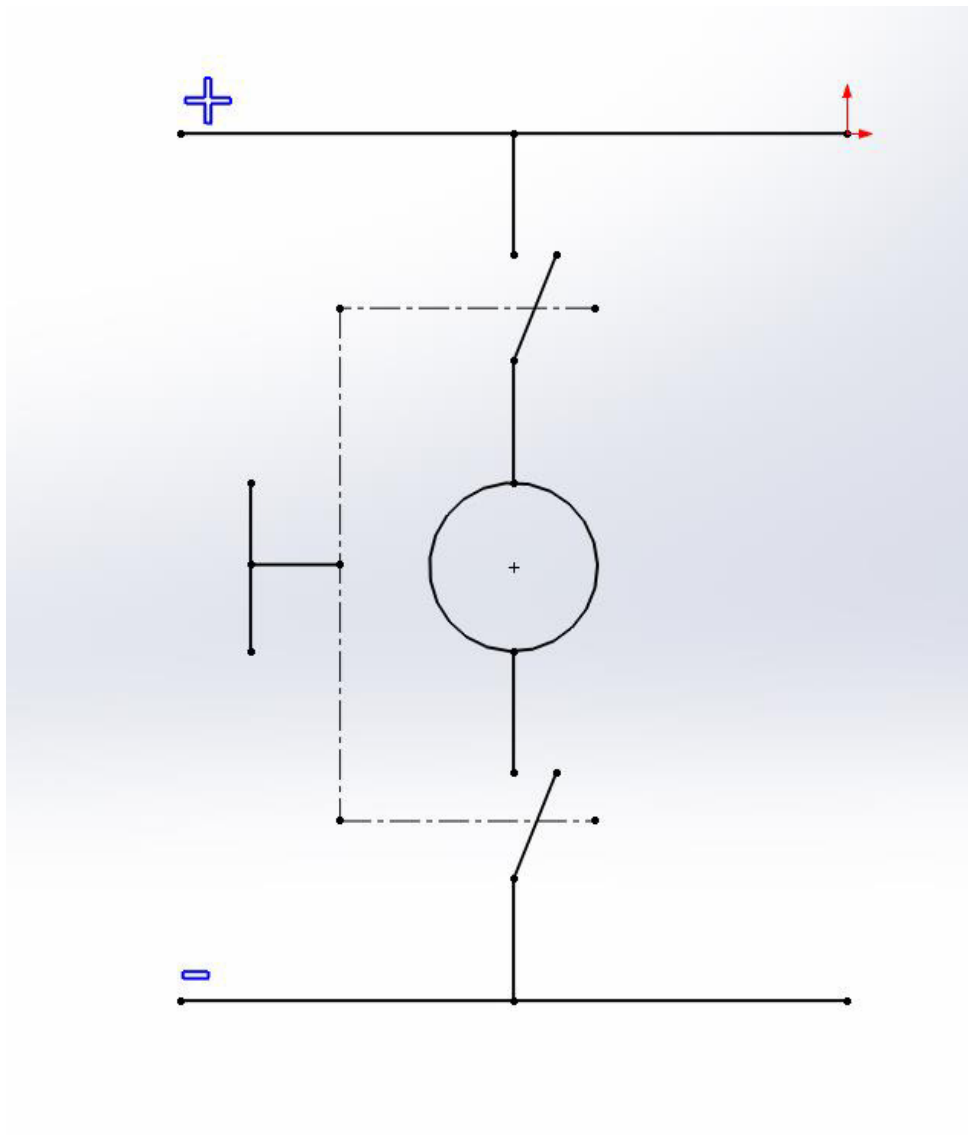
Always store and transport the machine in its box. Do not store or transport objects here other than the Surfin groove milling machine and these accessories (batteries, charger, bag)

Servicing and maintenance

The Surfin groove milling machine requires practically no maintenance if you take proper care of it. Be careful not to introduce oil or water into the motor.

Clean your daily with a dry cloth and empty the swarf bag regularly

Electrical diagram



CE Declaration of Conformity

The undersigned design and production company

Romus

13/15 rue du Taillefer ZA Les POUARDS

91160 CHAMPLAN

Hereby declares, under its own responsibility, that the product

Type: Surfin groove milling machine

Model: **95320**

to which this declaration pertains, complies with the following directives:

- Machinery 2006/42/CE
- 2014/30/CE Electromagnetic Compatibility Directive
- 2014/35/CE Low Voltage Directive