

[English Version]

BISCUIT JOINTER

Model: RLM1010



BISCUIT JOINTER



Read through carefully and understand these instruction before use

LEROY-MERLIN

Rue Chanzy - Lezennes 59712, Lille cedex 9 France

Made in P.R.C

Original Instructions

Warning symbols



WARNING – To reduce the risk of injury, user must read instruction manual



In accordance with essential applicable safety of European directives.



Denote risk of personal injury, loss of life or damage to the tool in case of nonobservance of the instruction in this manual.



Double insulation



Faulty and /or discarded electrical or electronic apparatus have to be collected at the appropriate recycling location.

1. General Safety Instructions



WARNING Read all safety warnings and all instructions. *Failure to follow the 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.

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 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, clothing and gloves 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.*

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 the battery pack 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. 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.

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.

2. Specific Safety Rules

Jointer Safety Warnings

- **Disc cutters must be rated for at least the speed marked on the tool.** Disc cutters running over rated speed can fly apart and cause injury.
- **Always use the guard.** The guard protects the operator from broken disc cutter fragments and unintentional contact with the disc cutter.

Hold power tool by insulated gripping surfaces, because the cutter may contact its own cord. Cutting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.



WARNING! Please also read the enclosed general safety instructions carefully before putting your grooving machine into service and working.

- Ensure that the machine is switched off before inserting the plug in the socket.
- Check plug and cable for damage before inserting. If damage is found, replace them immediately by the manufacturer or his agent in order to avoid a safety hazard.
- Make sure before starting the biscuit jointer that the rated voltage on the name-plate corresponds with the mains voltage. The machine is only suitable for AC 230-240V power supplies.
- The biscuit jointer is double-insulated and (conforming to CEE and VDE regulations) has a two-conductor cable without ground conductor. The machine can be connected without risk to an ungrounded socket.
- Do not drill the motor case (e.g. to attach labels) since this damages the double insulation. Use only adhesive labels for labeling.
- Clamp work tightly if possible and guide machine with both hands.
- **Hold power tool by insulated gripping surfaces, because the cutter may contact its own cord.** Cutting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- Connected and properly use dust extraction and collection facilities.



Always use the eye and hearing protection.



Use dust mask for appropriate conditions will reduce personal injuries.

- Only 100x4x22 mm size of disc cutters to be used.
- Use only perfectly sharpened cutters, since otherwise increased cutting forces may shift the work away.
- To check the proper function of the guards retracting system before use.
- The machine should only be used for the applications described in these operating instructions.
- Do not expose to rain or use in damp locations.

Manufacturer and retailer disclaim all product liability if the biscuit jointer is modified in any way from its original state or condition as delivered, or if the biscuit jointer is used in a manner inconsistent with

operating and safety instructions.

3. Environmental protection



The unit is supplied in packaging to prevent its being damaged in transit. This packaging is raw material and can therefore be reused or can be returned to the raw material system.

The unit and its accessories are made of various styles of material, such as metal and plastic. Defective components must be disposed of as special waste. Ask your dealer or your local council.

4. Tool specifications

Machine Type	RLM1010
Voltage	AC 230-240V~
Frequency	50Hz
Input power	1010W
No load speed	12000/min
cutter	100x4x22mm (4x5/32x0.9 in.)
Groove width	4 mm (5/32 in.)
Groove depth max.	20 mm (0.8 in.)
Weight of machine	3.15kg
Sound pressure values (K=3dB)	89dB(A)
Sound power values (K=3dB)	100dB(A)
Protection class	II
Handle vibration emission value a_h (K=1.5m/s ²)	2.830m/s ²

Note:

- that the declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another;
- that the declared vibration total value may also be used in a preliminary assessment of exposure.

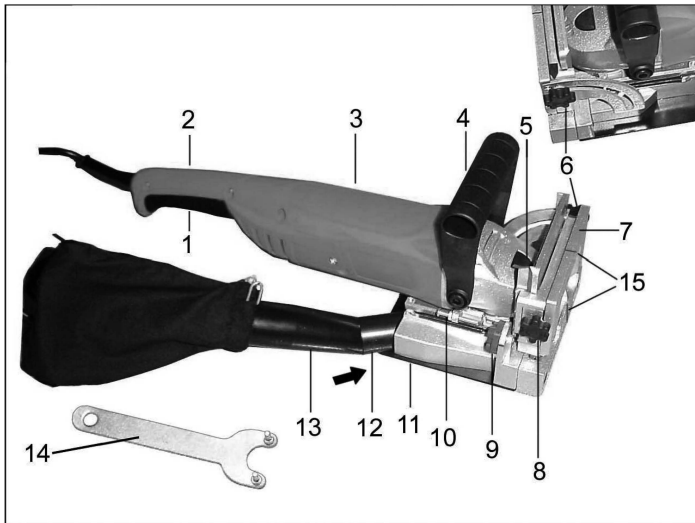
Warning:

- that the vibration emission during actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used;
- avoid vibration risk

suggestion: 1) wear glove during operation

2) limit operating time and shorten trigger time

5. Mounting / Drawings



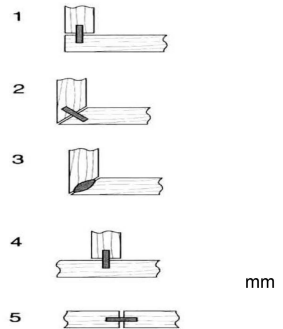
1. ON/OFF switch
2. Handle
3. Drive motor
4. Additional handle
5. Locking knob for changing the cutter
6. Locking lever for angle adjustment
7. Angle stop
8. Locking lever for height adjustment
9. Setting wheel for cutting depth
10. Depth adjust screw
11. Base plate
12. Adapter for dust extraction system
13. Dust bag
14. Face spanner
15. Midline

6. Operating instructions / Drawings

Types of joint

1. Corner joint
2. Mitre joint
3. Frame joint
4. Centre wall joint
5. Butt joint

The biscuit jointer is suitable for joints in solid wood, plywood, chipboard, fibre board, Plexiglas and artificial marble, etc. from 8 (5/16 in.) material thickness.

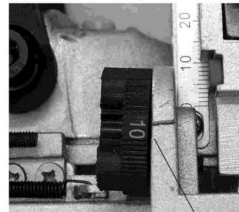
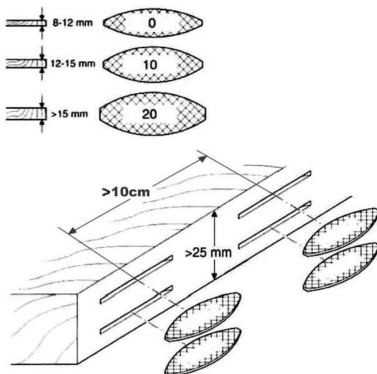





Selecting biscuit dowels

Always use the largest possible biscuit dowels for a strong joint. For materials over 25 mm (1 in.) thick, also 2 superimposed biscuit dowels.

The distance between two lines should be at least 10 cm.

biscuit dowel size	Dimensions
0	47×15×4mm
10	53×19×4mm
20	56×23×4mm



-  Nr. 0 → 0
-  Nr. 10 → 10
-  Nr. 20 → 20

Setting the cutting depth

- Set the required cutting depth with the setting wheel (9).
- The designations on the setting wheel reflect the various sizes of biscuit dowels.
- You can adjust the cutting depth setting using the screw (10).
- Push the drive motor (3) forwards to check the cutting depth. The plug must be disconnected from the mains supply for this purpose.

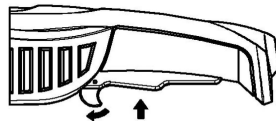
Setting the cutting height & angle

- Undo the locking levers (6) and (8).
- The set height & angle is indicated by the arrow.
- Set the required height and angle on the scale.
- Retighten the two locking levers (6) and (8).

Possibilities:	Change:
1, Step Memory System	1 mm / grid
2, Stop square	1° / grid
3, Thickness biscuit dowels	4 mm
4, Combination	Optional

The setting of the vertical position of the jointer is important above all for mitre joining or combined with varying material thick-nesses (work piece thickness).

ON/OFF switch

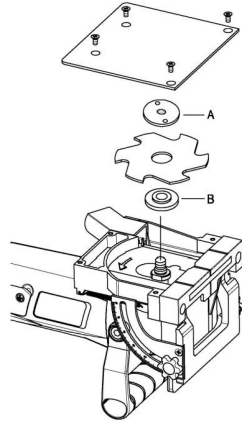


1. Pressing trigger (1) while moving trigger lock forward to turn "ON" the tool.
2. Loosing trigger lock then press trigger (1) again to turn the tool "OFF".

Changing the cutter



1. Danger of injury !
2. Never adjust the appliance when the mains plug is in the socket.
3. Loosen the baseplate screw and take away baseplate (11).
4. Press spindle catch (5) in and keep it pressed. At the same time insert two-sprong wrench (14) into flange A and loosen the router disc by turning the flange anticlockwise.
5. Remove the router disc. In doing so, ensure that flange B does not become misplaced.
6. Insert the new routing disc and reassemble the appliance by reversing the above steps. When doing so, tighten flange A firmly.
7. Fit baseplate and screw.



Dust extraction system

The adapter for the dust extraction system (12) and the dust bag (13) must be fitted.

7. Maintenance / Cleaning

WARNING. Always ensure that the tool is switched off and the plug is removed from the power point before making any adjustments or maintenance procedures.

Keep the tools air vents unclogged and clean at all times.

Regularly check to see if any dust or foreign matter has entered the grills near the motor and around the trigger switch. Use a soft brush to remove any accumulated dust. Wear safety glasses to protect your eyes whilst cleaning.

Re-lubricate all moving parts at regular intervals.

If the body of the tool needs cleaning, wipe it with a soft damp cloth. A mild detergent can be used but nothing like alcohol, petrol or other cleaning agent. Never use caustic agents to clean plastic parts.

CAUTION! Water must never come into contact with the tool.

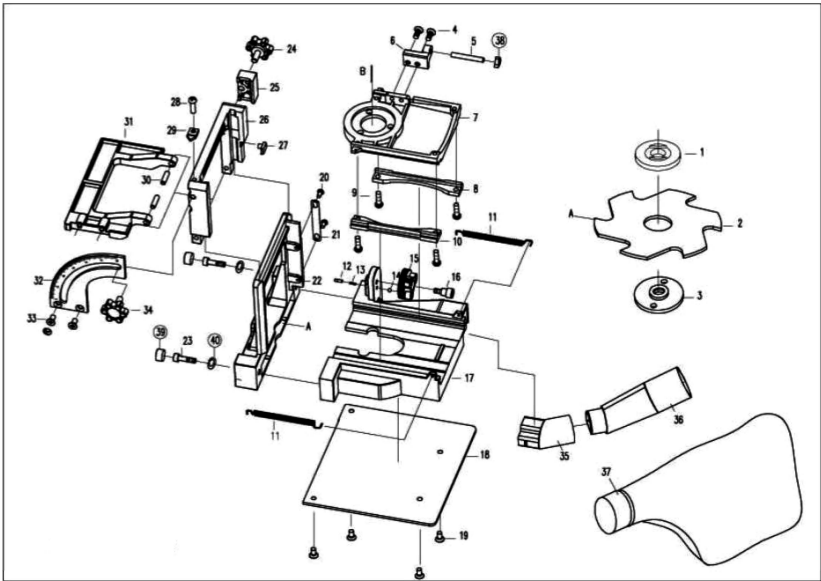
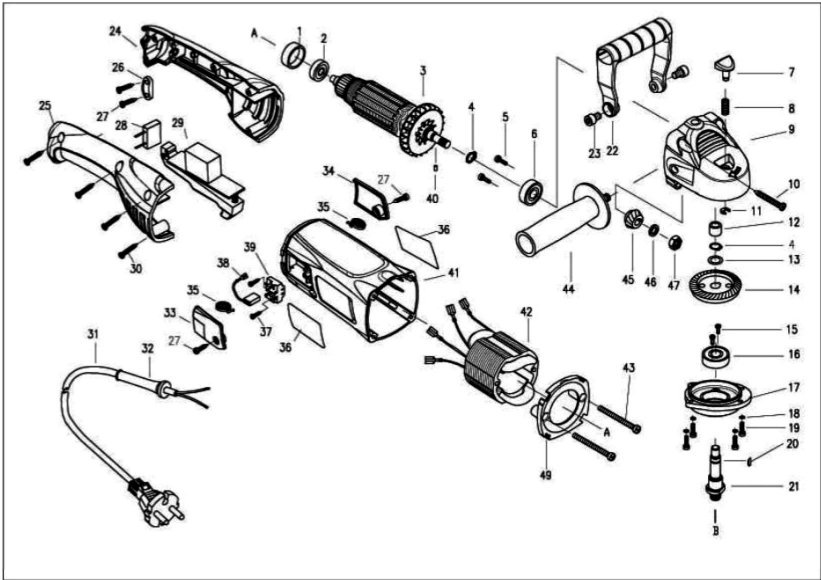
During use, the carbon brushes will wear down and will be indicated by a possible loss of power and excessive sparking seen through the ventilation slots. When the carbon brushes have worn down to approximately 4-5mm, they will require replacing.

Caution! Make sure that the tool is isolated from the mains power supply before fitting accessories, maintenance and adjustment if in doubt consult a qualified electrician.

Place the tool on a workbench and use a screwdriver to remove the carbon brush cap.

Remove the carbon brush from the brush housing and replace it with a new one. Slide the new carbon brush into the brush housing. Repeat this procedure for the other carbon brush. Then replace the carbon brush housing cover.

Note: carbon brushes must be replaced in pairs.





EC declaration of conformity

I, Gislain Menard, acting as Quality Director, authorized to create the technical file, on behalf of the company Leroy Merlin France whose head office is located, Rue Chanzy-Lezennes, 59712 Lille Cedex 9, France, declares:

Products: **BISCUIT JOINTER**

Model: **RLM1010**

Serial number: **20210900001-20210900500**

Batch no: **RLM1010**

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 60745-1:2009+A11; EN 60745-2-19:2009+A1; EN 55014-1:2006+A1+A2

EN 55014-1:2017; EN 55014-2:2015; EN 61000-3-2:2014; EN 61000-3-3:2013

IEC 62321-3-1:2013; IEC 62321-7-1:2015; IEC 62321-5:2013; IEC 62321:2008;

IEC 62321-6:2015; ISO 17075:2007

Done at Lezennes on 01/07/2021

GISLAIN MENARD, Quality Director