PEUGEOT PROFESSIONNELS

GARANTIE 2+2 ANS

Get a free 2-year warranty

PSR305 BAND SAW

IN GOOD HANDS

ORIGINAL INSTRUCTION MANUAL

DE / GB / PT / SP

V190626

ABOUT US

Peugeot Professional Tools was born out of several obvious reasons.

The first was to combine the know-how of **Peugeot**—which has mastered the art of cutting since 1810—with the expertise of **Tivoly**, a metalworker since 1917, to create a wide range of machines and tools designed for construction and maintenance professionals.

It also stemmed from a clear desire to serve craftsmen and small businesses driven by strong family values and a rich heritage.

For these professionals, **Peugeot Professional Tools** offers machines and tools designed specifically for their needs. **These are reliable, durable tools that can be repaired in France** and in countries covered by distribution agreements by local industrial and family-run partners.

Trusted equipment, backed by a longer warranty, with logistics and **French after-sales service.** The assurance of dealing with the very people who assembled these tools and know every component inside and out.

From exceptional projects to everyday job sites, these tools are designed to withstand the most demanding conditions and stand the test of time.

Peugeot Professional Tools was born from one simple truth: that our tools are in good hands. The hands of those who work behind the scenes and give their all to satisfy their customers.

Since 1810, much has changed, but the hands have remained the same. The hands of passionate individuals—dedicated craftsmen, technicians, and installers—who take pride in themselves and their work.

Peugeot Professional Tools: tools in good hands.

THANK YOU FOR YOUR PURCHASE.

We are delighted that you have chosen Peugeot Outils Professionnels. Every detail has been designed to provide you with an exceptional experience, and we hope you enjoy using it as much as we enjoyed creating it for you.

Your trust is essential to us, and we are delighted to support you every step of the way as you experience the Peugeot Outils Professionnels brand.

Your purchase is covered by a 2-year warranty, which can be extended for an additional 2 years—

comments. To take advantage of this, sign up at www.peugeot-outils-pro.com

If you have any questions or need assistance, our team is here to provide you with the best possible service.

To contact our customer service department, visit , call , or email at

+33(0)4.79.89.59.00

Thank you for choosing Peugeot Professional Tools. Your satisfaction is our priority.

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1 INTRODUCTION

For safety reasons, read this instruction manual carefully before using this machine. Failure to follow the instructions may result in injury to persons and/or damage to the machine.

This instruction manual is intended for the operator, the set-up technician, and the maintenance technician.

This instruction manual is an important part of your equipment. It provides rules and guidelines that will help you use this machine safely and effectively. You must familiarize yourself with the machine's functions and operation by carefully reading this instruction manual. For your safety, it is particularly important that you read and follow all recommendations on the machine and in this instruction manual.
These recommendations must be strictly followed at all times during the use and maintenance of the machine. Failure to follow the safety guidelines and warnings in this instruction manual and on the machine, and/or using the machine in a manner other than that recommended in this instruction manual, may result in machine failure and/or injury.

Please keep this instruction manual with the machine or in a location that is easily accessible at all times for future reference. Ensure that all personnel involved in the operation of this machine review it periodically.

If the instruction manual is lost or damaged, please contact us or your dealer to obtain a new copy.

Always use PEUGEOT OUTILS PROFESSIONNELS components and parts. Replacing components or parts with non-PEUGEOT OUTILS PROFESSIONNELS items may cause damage to the machine and endanger the operator.

This manual describes the safety instructions to be followed by the user. It is the responsibility of the employer or the user, in accordance with Article L.4122-1 of the Labor Code, to ensure their own health and safety and that of others affected by their actions or omissions, in particular by complying with the instructions provided.
The employer must conduct an assessment of the specific risks associated with its operations, must train workers on the machine and on the prevention of these risks, and must appropriately inform workers responsible for operating or maintaining work equipment of the instructions or guidelines that apply to them.

2 PICTOGRAMMES

2.1 MACHINE SAFETY PICTOGRAMS

Meaning of the safety pictograms affixed to the machine (keep them clean and replace them when they are illegible or peeling off):


Safety glasses must be worn


Protective clothing must be worn


Respiratory protection must be worn


Read the instruction manual carefully


Danger: Sharp edge


Danger: Risk of being pulled in


Hearing protection must be worn


Safety shoes must be worn


Do not wear loose-fitting clothing, clothing with wide sleeves, jewelry, bracelets, watches, wedding rings, etc.
Wear hair covers if you have long hair


Do not wear gloves while operating the machine


Do not touch


Danger: Electricity present

2.2 PICTOGRAMS IN THIS INSTRUCTION MANUAL


Immediate danger to people and damage to the machine


Possible damage to the machine or its surroundings


Wear protective gloves when changing tools or cleaning

✓ Note


Electrical work must be performed by qualified personnel authorized to perform low-voltage electrical work.

3 SÉCURITÉ

3.1 GENERAL SAFETY REQUIREMENTS

To reduce the risk of fire, electric shock, mechanical injury, and personal injury when using power tools, follow the basic safety guidelines.

This instruction manual takes into account only reasonably foreseeable behaviors.

Our machines are designed and manufactured with the operator's safety always in mind.
We assume no liability for any damage resulting from inexperience, improper use of the machine, and/or damage to the machine, and/or failure to follow the instructions and safety rules contained in this instruction manual.
As a general rule, accidents always occur as a result of misuse or failure to read the instruction manual.
Please note that any modification to the machine will void our warranty.
Check that all safety guards are present, in good condition, and functioning properly before starting work.
Ensure that moving parts are functioning properly, that there are no damaged components, and that the machine is operating perfectly during startup.
Only qualified and authorized personnel are permitted to repair or replace damaged parts.

Keep the work area clean and tidy.
Ensure that the entire work area is visible from the workstation.
Cluttered work areas and workbenches are a potential source of injury.
Do not use the machine outdoors, in very humid areas, or in the presence of flammable liquids or gases.
Place the machine in a sufficiently lit work area.
Young workers under the age of eighteen are prohibited from using the machine.
Do not allow anyone, especially children or animals, who is not authorized to be in the work area to touch the tools or electrical cables, and keep them away from the work area.
Never walk away from the machine while it is running. Always disconnect the power supply. Do not walk away from the machine until it has come to a complete stop.

Do not overload the tool; it will perform better and be safer when operated at the speed for which it is designed.
Do not use small tools to perform work intended for a larger tool.
Do not use tools for tasks for which they are not intended.

Do not damage the power cord.
Never pull on the power cord to unplug it from the electrical outlet.
Keep the power cord away from heat sources, greasy surfaces, and/or sharp edges.
Protect the power cord from moisture and any potential sources of damage.
Check the power cord periodically, and if it is damaged, have it repaired by an authorized service provider.
A defective switch must be replaced by an authorized service provider.
Do not use the machine if the switch does not turn it on or off.

Do not overestimate your strength.
Always maintain a stable position and good balance.
Pay attention to what you are doing, use common sense, and do not operate the machine when tired.
Always use both hands to operate this machine.

The use of any accessories other than those described in the instruction manual may pose a risk of injury to people.

The user is responsible for the machine and must ensure that:
The reel is used only by people who are familiar with the instructions and authorized to do so.
Safety rules have been strictly followed.
Users have been informed of the safety rules. Users have read and understood the instruction manual.
Responsibilities for maintenance and any necessary repairs have been clearly assigned and followed. Defects or malfunctions have been immediately reported to an authorized service technician or your dealer.
The reel must be used for the applications described in this manual.
Any use other than that specified in this instruction manual may pose a hazard.
Mechanical and/or electrical safety devices must not be removed or bypassed.
No modifications and/or conversions may be made.

PEUGEOT OUTILS PROFESSIONNELS assumes no liability for damage caused to persons, animals, or property resulting from failure to comply with the instructions and safety rules contained in this instruction manual

3.2 SPECIFIC SAFETY REQUIREMENTS

- Before each use, check that the machine is not damaged. Do not use the machine with damaged parts.
- Replace the blade immediately if any teeth are damaged or broken.
- When working on long pieces, use appropriate supports on both sides of the machine. Avoid awkward body positions. Make sure your feet are on a solid surface and maintain your balance at all times.
- Before starting the machine, check to make sure there are no objects (such as tools) inside it.
- Before machining a workpiece, inspect it carefully for foreign objects (nails, screws) that could interfere with proper operation.
- Make sure that no part of your body or clothing can be caught by the blade (do not wear a tie or long-sleeved clothing). Tie back long hair.
- Wear gloves during any maintenance or cleaning of the machine.
- Dust and wood chips are hazardous to your health and must never be inhaled. To prevent this, use a suitable chip vacuum cleaner:
  - Adjust the vacuum cleaner hose to match the diameter of the machine's suction nozzle (100 mm).
  - Minimum air volume: 815 m^3/h
  - Minimum vacuum pressure at the machine's suction nozzle: 740 Pa
  - Minimum air velocity at the machine's suction nozzle: 20 m/s
- Do not submerge the machine in water or wash it with a high-pressure water jet, as this may cause water to enter the electrical components.
- Do not use solvents or harsh detergents.
- Store the machine in a dry place and out of the reach of children.

3.3 OPERATOR PROTECTION

For the operator's safety, ensure that protective screens and grinding wheel guards are in good condition and in place. Make sure that non-working parts are always covered by a protective guard.

This machine is designed for a single operator.
The operator must wear appropriate personal protective equipment:

- Safety glasses.
- Hearing protection.
- Safety shoes.
- Respiratory protection.

The operator must wear close-fitting clothing and, if necessary, a hairnet for long hair.
For example, the operator must not wear:

- Loose-fitting clothing or clothing with wide sleeves.
- Bracelets, watches, wedding rings, or jewelry.
- Any other object that could get caught on the machine's moving parts.

4 DESCRIPTIF ET FONCTIONNEMENT

4.1 INTENDED USE OF THE MACHINE

The PSR305 is a machine designed for cutting wood. Machining any material other than wood is permitted only with the manufacturer's approval.
In the event of misuse or the machining of materials other than those intended, the manufacturer assumes no liability.

Under proper conditions of use and maintenance, safe operation and performance are guaranteed for several years.
To ensure this, familiarize yourself with the machine's various functions.

4.2 SPECIFICATIONS

- Ground cast-iron table
- Balanced pulleys with rubber belts
- Two cutting speeds (370 or 800 m/min)
- Gear-driven table, adjustable from 0 to 45°
- Large table measuring 480 x 390 mm
- Suitable for bands 6 to 20 mm wide
- Ball-bearing blade guide, continuously height-adjustable up to 165 mm
- Removable chip drawer
- Multi-port filter connector (50/75/100)
- LED work light
- Quick-release blade tensioning
- Hinged blade guard with viewing window
- Quick-change blade

	Max. cutting width (mm)	Max. cutting height (mm)	Flywheel diameter (mm)	Blade dimensions (mm)	Power supply	Motor power (kW)	Weight (kg)	Dimensions (W x D x H) (mm)
PSR305	305	165	305	2240 x 3 - 20	230V - single-phase	0.75	55	680 x 645 x 1600

4.3 MACHINE DESCRIPTION

1. Tape tension adjustment knob
2. Inspection window
3. LED light switch
4. ON/OFF button
5. Lower cover
6. Chip drawer
7. Base
8. Belt tension adjustment knob
9. Handle for opening the lower cover
10. Ruler
11. Table
12. Mitre guide
13. Adjustable guide
14. Cutting height adjustment knob
15. Top Cover Release Handle
16. Top cover

5 INSTALLATION

5.1 PACKAGING

The machine is packaged on a pallet in a wooden crate.
When unpacking, remove each component, check its overall condition, and then proceed with assembly.

If the product appears to be defective or if any parts are broken or missing, contact your seller.
Keep the instruction manual for future reference.

5.2 HANDLING AND TRANSPORT

The machine can be transported in two ways:

- With a pallet jack: To do this, secure the machine to the pallet using 4 screws.
- By several people: To do this, the machine must be carried using straps or blocks placed under the saw table.

5.3 SETTING UP THE MACHINE

Installation Environment:

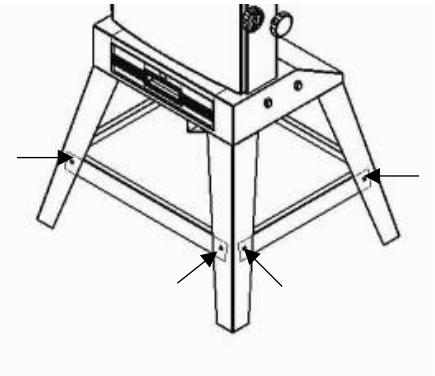
- Power supply voltage compliant the machine's specifications (230 V single-phase).
- Ambient temperature between +5°C and +40°C.
- Relative humidity not exceeding 90%.
- Adequate ventilation at the installation site.
- A work area that is sufficiently lit to ensure safely: the lighting must be 500 LUX.

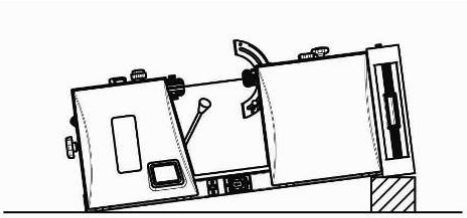
5.4 ASSEMBLY

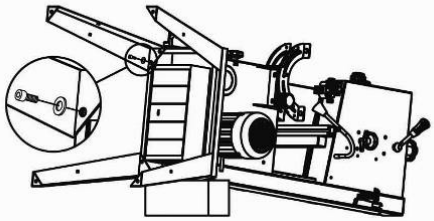
Unpainted surfaces are coated with oil to protect them from rust. Remove the oil with a solvent or degreaser before use.

Assembling the base:

- Place the machine on a block as shown
- Secure the feet to the machine using M8x10 CHC screws and M8 washers
- Attach the 4 stabilizer bars using M6x12 CHC screws and M6 washers. Do not tighten the screws at this time
- Place the machine on its feet on a flat surface
- Tighten the screws on the stabilizer bars







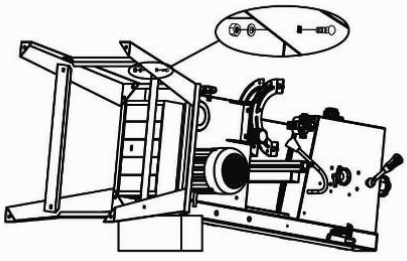
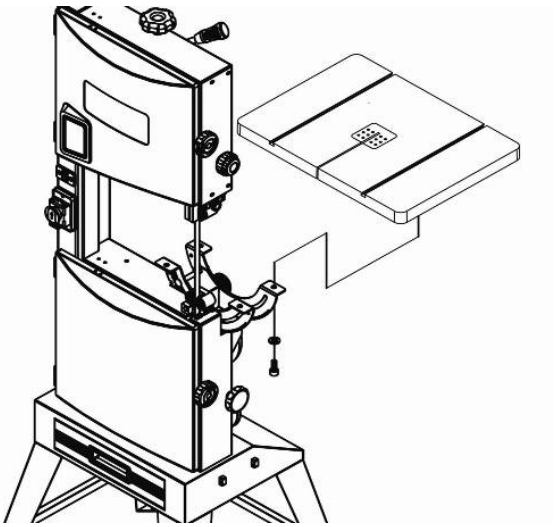


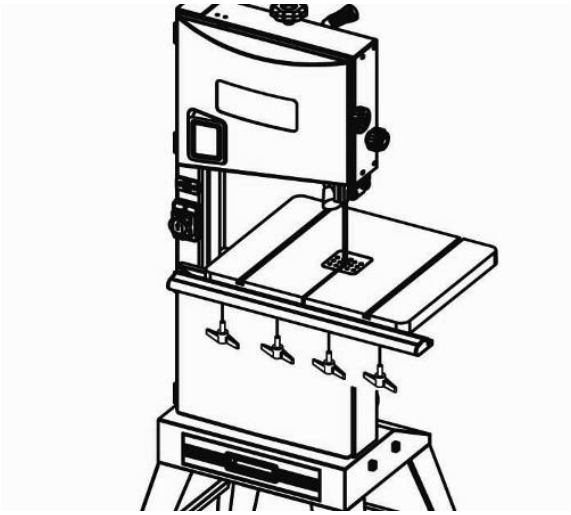
Table assembly:

- Insert the blade into the central slot in the table
- Place the table on the machine
- Secure the table using the M8x10 CHC screws and M8 washers



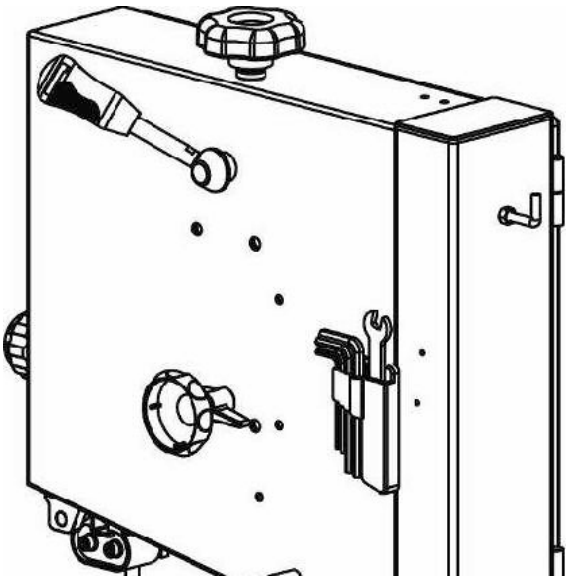
Ruler Assembly:

- Secure the ruler to the table using the 4 wing screws



Assembling the tool holder

- Secure the tool holder to the upper housing at the rear of the machine using M4x10 CHC screws
- Secure the latch to the side of the machine using the nut

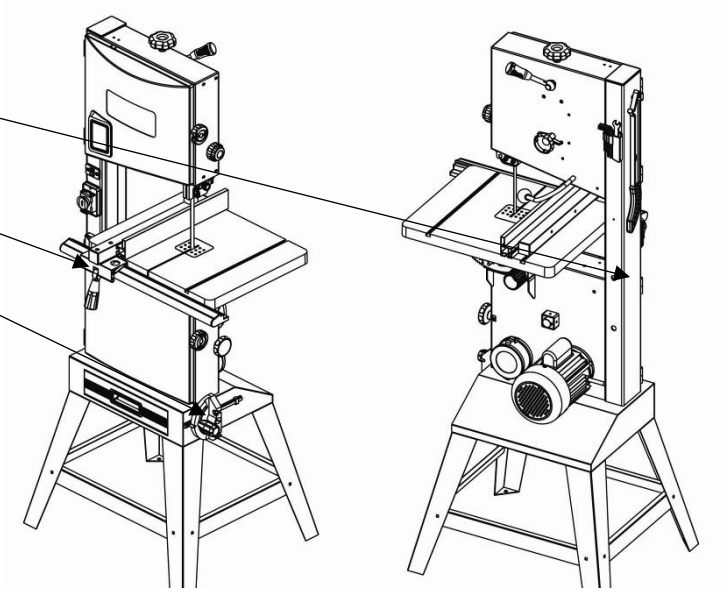


Installing the adjustable guide, miter guide, and push stick

Hook the push stick onto the hook

Secure the adjustable guide to the ruler and the table

If the miter guide is not in use, store it in its compartment



5.5 ELECTRICAL CONNECTION

Electrical work must be performed by qualified personnel authorized to perform low-voltage electrical work.

Check that the cutting shaft rotates in the correct direction.
The warranty does not cover damage caused by an improper connection.

ELECTRICAL PRESENCE

Make sure the mains voltage matches the machine's rating and that the electrical outlet is in good condition and properly grounded.
Check that the electrical outlet at your location is compatible with the plug on the machine's power cord.
The electrical outlet must comply with the "EN 60309-1" standards.
Connect the machine using the power cord.
Make sure the machine's power switch is in the "0" position. Verify that the electrical system to which the machine will be connected is properly grounded in accordance with current safety standards.

We remind the user that there must always be a circuit breaker upstream of the electrical installation to protect all conductors against short circuits and overloads.
This protection must always be selected based on the machine's electrical specifications, as indicated on the nameplate:

- Voltage: 230 V three-phase
- Frequency: 50 Hz
- Current: 2.6 A
- Motor power: 0.75 kW

Use cables and cable reels with a cross-section and length appropriate for the machine's power rating, and unroll them completely.
Electrical connections and extension cords must be protected from splashes and kept on dry surfaces.

Using the machine with a damaged power cord is strictly prohibited. Regularly check the condition of the power cord, the cord guide, and the switch.

Do not unplug the machine from the electrical outlet by pulling on the power cord; pull only on the plug.

6 AJUSTEMENTS ET PRÉPARATION

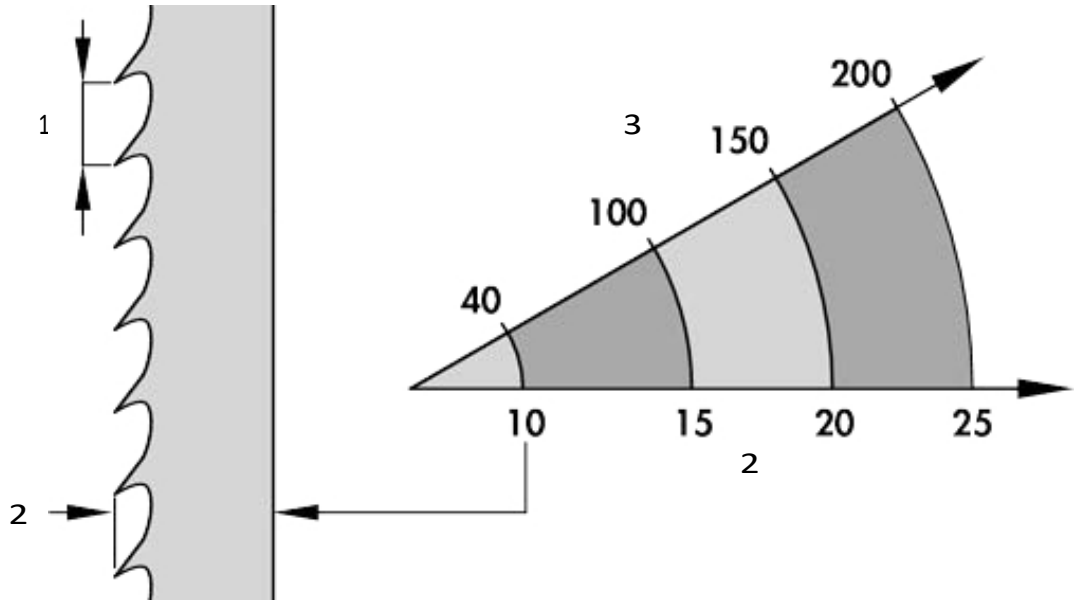
Before performing any maintenance or adjustments, turn off the machine and unplug it to prevent accidental startup. Inspect the machine before beginning any work to ensure it is complete and in good condition.
Ensure there is sufficient space to work around the machine.
Install safety equipment according to the instructions and verify that it is functioning properly.

6.1 TAPE SELECTION

The choice of blade should be based on several factors:

- Thin bands are used for curved and circular cuts. Wide bands are used for straight cuts
- Fine-toothed bands are used for cutting hardwood, while coarse-toothed bands are needed for softwood

The tooth spacing (1) is an important factor when selecting a blade. The smaller the tooth spacing, the more difficult it is to remove wood dust, and the blade will overheat and may break.



1. Tooth spacing
2. Belt width
3. Minimum cutting radius

For softwood, the tooth spacing should be no more than twice the thickness of the blade. For hardwood, the tooth spacing should be no more than 1.5 times the thickness of the blade.

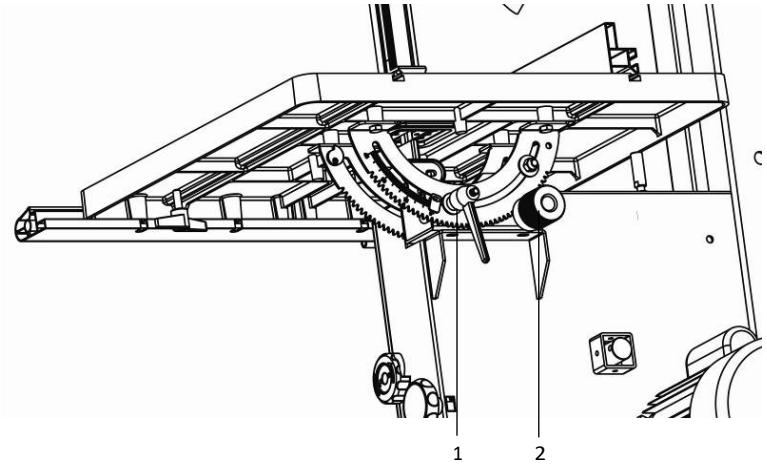
Never use bands that are twisted, broken, bent, or have poor-quality welds. Replace dull bands or

have them sharpened by a professional.

For this machine, use only bands with the following dimensions: 2240 x 3 – 20 mm.

6.2 ADJUSTING THE TABLE ANGLE

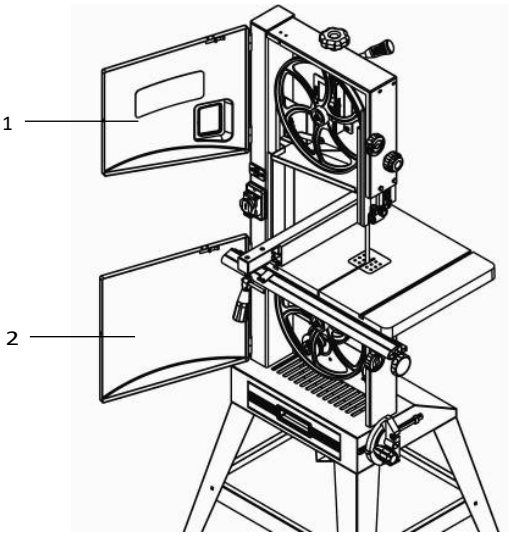
- To adjust the table tilt angle:
- Loosen the handle (1)
- Use the handle (2) to adjust the table to the desired angle using the ruler
- Tighten the handle (1)

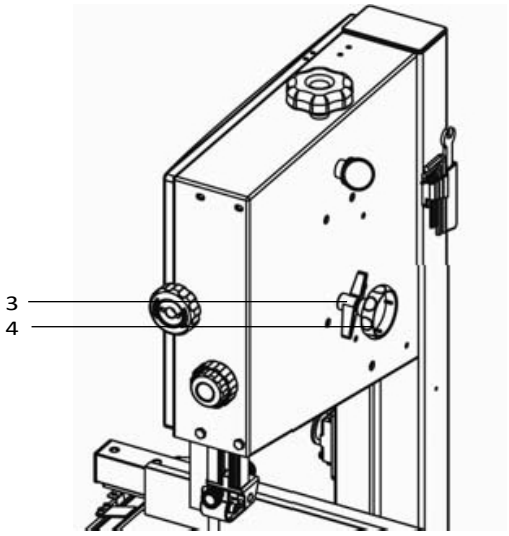


6.3 ALIGNING THE BAND SAW BLADE ON THE PULLEYS

The band saw blade must always be centered on the pulleys. If it is not, adjust the pulleys:

- Open the upper (1) and lower (2) covers
- Loosen the wing screw (3)
- Turn the adjustment knob (4) clockwise or counterclockwise to adjust the position of the band on the upper pulley
- Once the blade is properly aligned with the handwheels, tighten the wing screw (3)



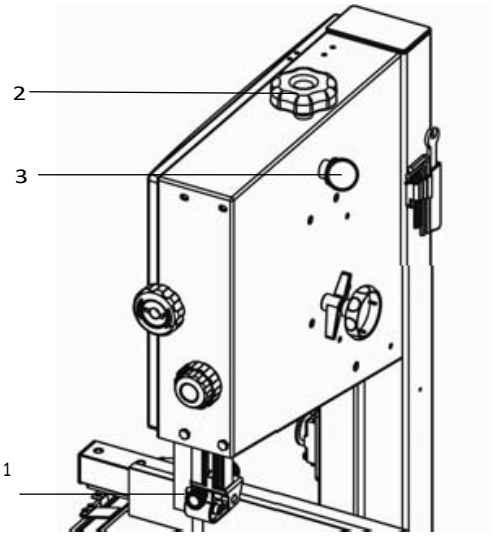


6.4 ADJUSTING THE BELT TENSION

Caution: Excessive tension can cause the belt to break. Insufficient tension can cause the pulleys to lose traction, causing the belt to slip.

To adjust the belt tension:

- Reinstall the upper ribbon guide (1)
- Check that the ribbon guide rollers are clear of the ribbon and that the ribbon can move freely
- Check the tension by gently pressing on the ribbon with a finger. The ribbon should not move more than 2 mm between the upper ribbon guide
  (1) and the table
- Check the tension indicator by opening the top cover
- Increase the tension by turning the adjustment knob (2) clockwise
- Decrease the tension by turning the knob (2) counterclockwise

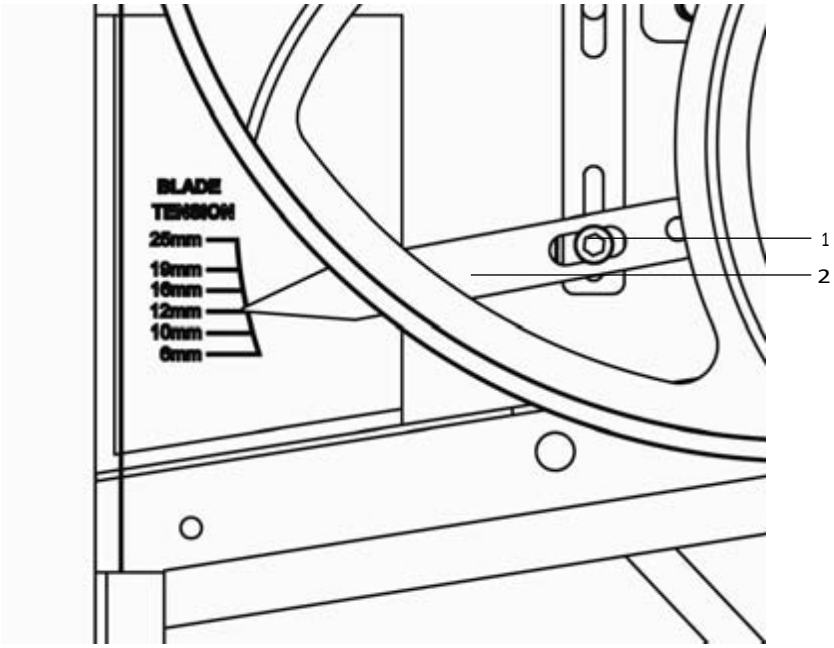


When the machine is not in use, loosen the belt using the lever (3) and post a sign indicating that the machine must not be used. Loosening the belt helps minimize wear on the rubber flywheels.

6.5 ADJUSTING THE TAPE TENSION INDICATOR

The tape tension indicator is factory-set for different tape thicknesses. However, if the indicated tension is incorrect, you can adjust the indicator:

- Open the top cover
- Unscrew the screw (1)
- Adjust the indicator (2) to the correct tape thickness
- Tighten the screw (1)
- Close the top cover



6.6 ADJUSTING THE UPPER TAPE GUIDE AND UPPER GUIDE ROLLERS

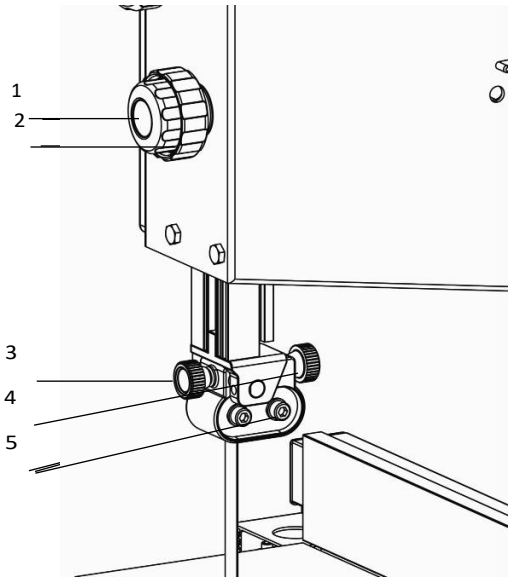
Adjusting the Height of the Band Guide Assembly

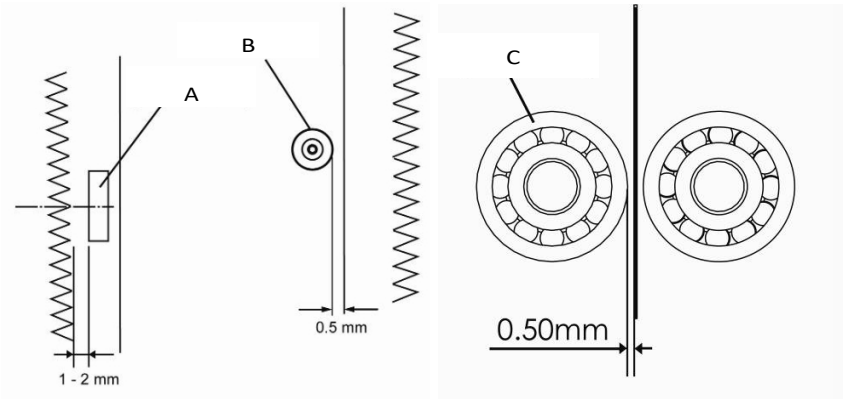
Before each cutting operation, the ribbon guide must be adjusted according to the height of the workpiece. It must be positioned as close as possible to the workpiece to ensure optimal ribbon guidance.

- Loosen the knob (1)
- Turn the knob (2) until the ribbon guide is positioned approximately 3 mm from the workpiece
- Tighten the knob (2)

The ribbon guide rollers must be properly adjusted to ensure a clean cut.

- Loosen the knob (3)
- Adjust the roller support so that the edge of the bearings (A) are positioned between 1 and 2 mm from the bottom of the teeth
- Tighten the set screw (3)
- Loosen the set screw (4)
- Adjust the rear roller support so that the bearing (B) is positioned 0.5 mm from the edge of the ribbon. The bearing should not rotate when the ribbon is moving but should rotate when pressure is applied to the ribbon
- Tighten the knob (4)
- Loosen the screws (5)
- Adjust the side rollers (C) until the bearings are positioned 0.5 mm on either side of the ribbon
- Tighten the screws (5)



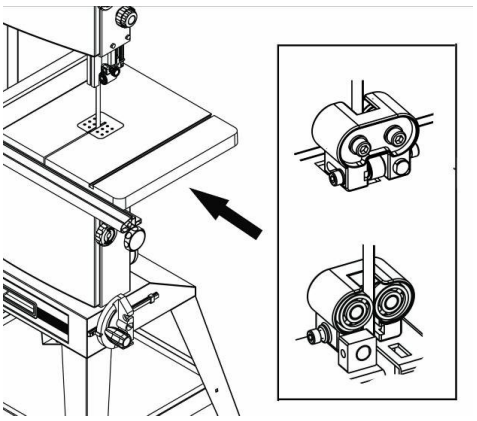


This adjustment must be made every time the ribbon is changed

6.7 ADJUSTING THE LOWER RIBBON GUIDE

To adjust the lower rollers:

- Loosen screw (1) to allow the blade guide to be moved
- Position the blade guide so that the bearings (A) are between 1 and 2 mm from the bottom of the teeth
- Tighten the screw (1)
- Loosen screw (2)
- Adjust the rear roller so that the bearing is positioned 0.5 mm from the edge of the ribbon. The bearing should not rotate when the ribbon is moving, but should rotate when pressure is applied to the ribbon
- Tighten screw (2)
- Loosen screw (3)
- Adjust the side rollers until the bearings are positioned 0.5 mm on either side of the ribbon
- Tighten screw (3)

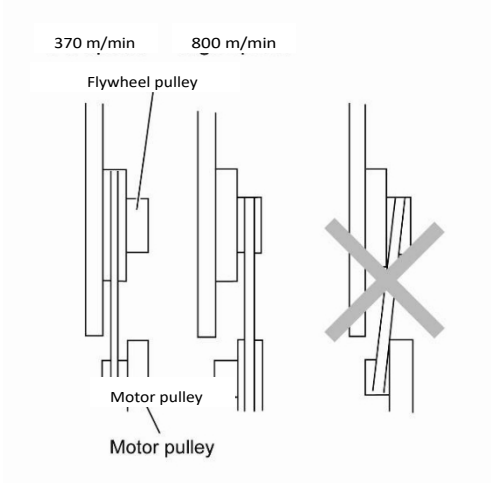


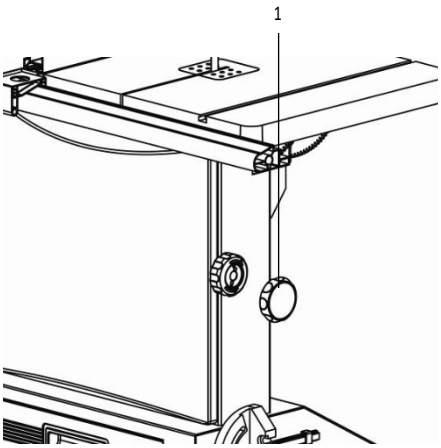
This adjustment must be made every time the ribbon is changed

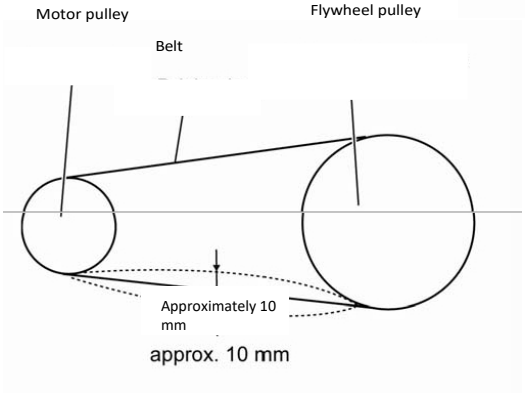
6.8 CUTTING SPEED ADJUSTMENT

The band saw has 2 cutting speeds. To change the speed, you must manually adjust the position of the belt on the pulleys.

- Open the lower cover
- Turn the knob (1) clockwise to loosen the belt
- Position the belt on the pulleys corresponding to the desired speed
- Tighten the belt if necessary by turning the knob (1) counterclockwise
- The belt slack should be approximately 10 mm at the midpoint between the motor pulley and the flywheel pulley
- Close the lower cover



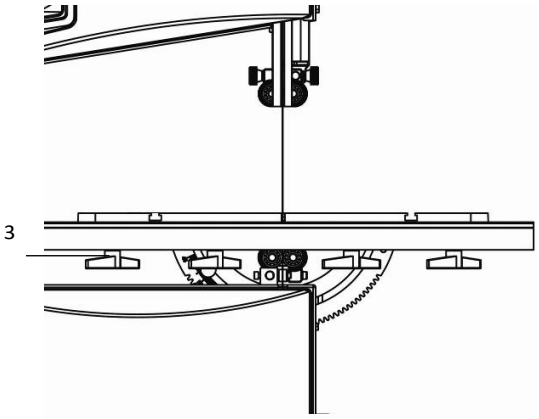


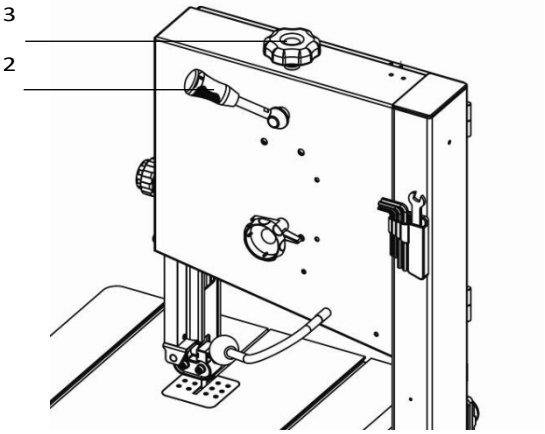


6.9 REPLACING THE BELT

Put on gloves and handle the ribbon with care

- Loosen the 4 wing screws (1)
- Open the lower and upper covers
- Remove the adjustable guide and the ruler
- Use the quick-release lever (2) to loosen the tape
- Remove the tape by feeding it through the slot in the table
- Install the new ribbon and center it on the rollers as explained in section 6.2
- Tighten the ribbon using the quick-release lever (2)
- Check the ribbon tension and, if necessary, adjust it using the tension adjustment knob (3)
- Check the ribbon guide settings as described in sections 6.5 and 6.6
- Close the lower and upper covers





7 UTILISATION

Before you begin working on the machine:

- Before performing any work on the machine, make sure it is complete and in good condition
- Make sure there is enough space around the machine to move freely
- Check that the rubber on the upper and lower flywheels is securely fastened
- Use a support for long parts that extend beyond the table
- Always use a dust collector during machining operations
- For round workpieces, use a suitable support to hold the workpiece on the table
- Check that the band is in good condition and that no teeth are damaged
- Replace any damaged parts before using the machine
- Be aware of the risk of parts being ejected

During operation:

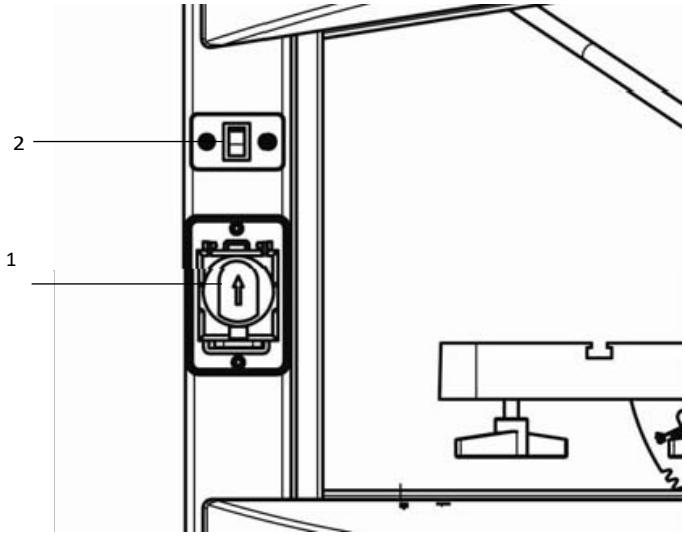
- Always wear: safety shoes, hearing protection, and tight-fitting clothing
- Wear safety goggles. Never wear gloves
- Never touch the belt until it has come to a complete stop
- Machine only one part at a time
- Do not force the belt to stop by trying to slow it down by hand or with an object
- Always ensure that a dust extraction system is connected to the machine and is operating during machining

7.1 STARTING AND STOPPING THE MACHINE

Before starting the machine, make sure the table is clear and the belt is not obstructed

Main Switch

- To start the machine, set the main switch (1) to the “On” position
- To turn off the machine: set the main switch (1) to the “off” position
- The machine is equipped with a punch stop lock-in mechanism: when this stop is pressed, the machine stops, and it cannot be restarted without turning the knob clockwise to unlock it.



LED light switch

The machine is equipped with an LED light to illuminate the work area.

- To turn it on, set the switch (2) to the “I”
- To turn it off, set the switch (2) to the “0” position

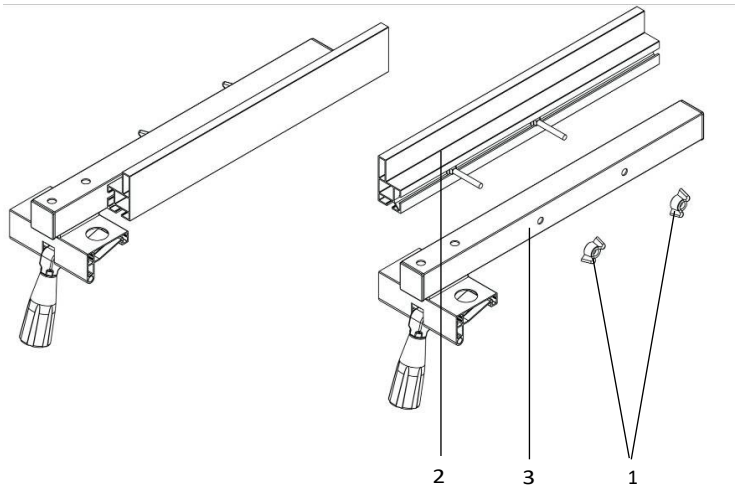
When the machine is stopped, it is essential to release the tension on the tape using the quick-release handle and to place a sign on the machine indicating that it must not be used.

7.2 ADJUSTABLE GUIDE

Reversing the Guide

The adjustable guide can be used on either side of the machine. When switching sides, you must reverse it

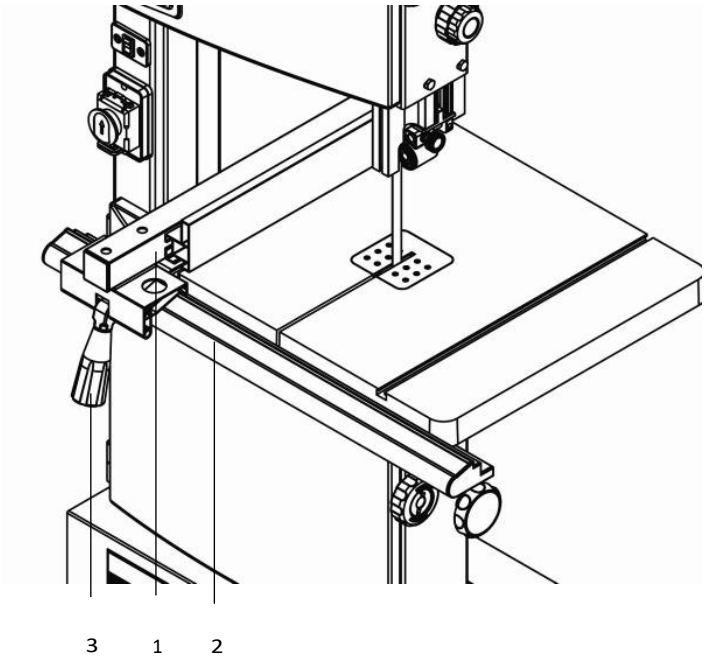
- Loosen and remove the 2 wing screws (1)
- Remove the guide and the nuts (2) from its bracket (3)
- Attach the guide (2) to the other side of the bracket (3)
- Tighten the 2 wing screws (1)



Secure and adjust the guide

The adjustable guide can be removed for maintenance and cleaning. It can also be moved to accommodate the desired cutting width.

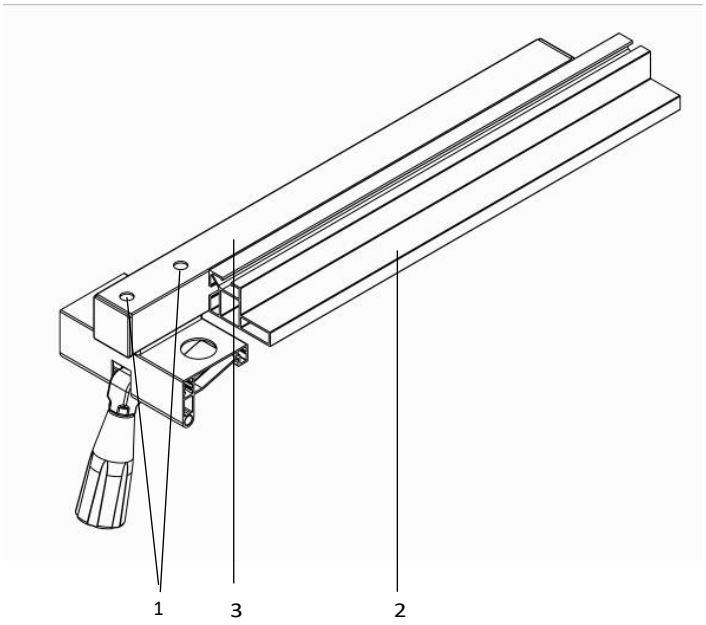
- Place the adjustable guide (1) on the rail (2)
- Move the guide to the desired position. The scale indicates the distance between the guide and the blade
- Tighten the lever (3)



Adjust the height of the adjustable guide

You can rotate the adjustable guide to create a smaller cutting surface for cutting thin pieces.

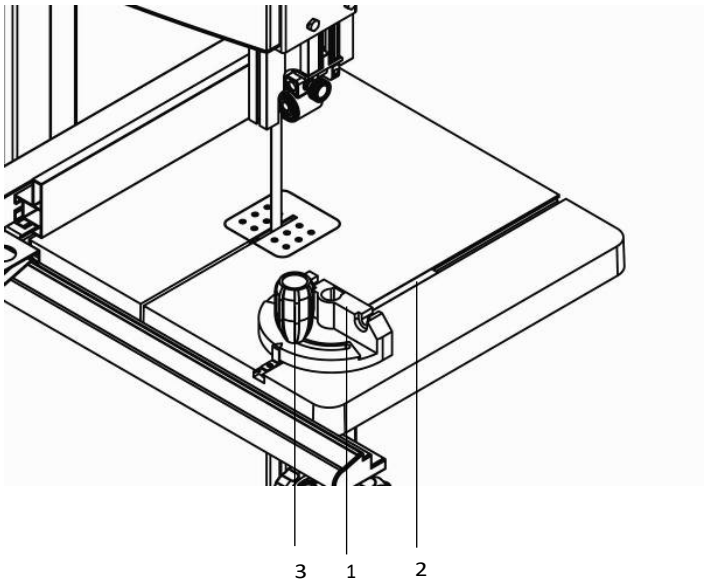
- Unscrew the 2 screws (1)
- Remove the guide (2) by sliding it out
- Rotate the guide (2) 90°
- Insert it into the bracket (3)
- Tighten the 2 screws (1)



7.3 MITER GUIDE

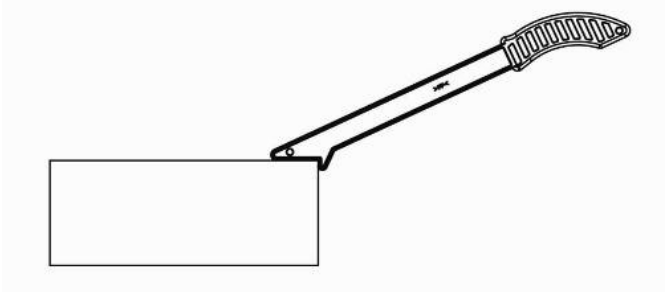
The miter guide is used to make miter cuts.

- Insert the miter guide (1) into the slot (2) to the right of the fence
- Set the desired cutting angle: from -60° to 60°
- Tighten the lever (3)



7.4 PUSH STICK

The push stick is used to push the parts and protects your hands from contact with the tape.
The push stick must be used if the distance between the adjustable guide and the blade is less than 150 mm.
When the push stick is not in use, it can be stored on the hook provided for this purpose.



7.5 CUTTING

Never wear gloves while operating the machine.

- Adjust the band saw guide to approximately 3 mm from the workpiece
- Set the adjustable guide to the desired cutting width
- Place the workpiece on the table
- Connect the dust collector hose to the machine
- Plug in the machine
- Start the machine
- Make the cut in a single pass
- Turn off the machine if no further cuts are needed

Be careful of workpiece kickback during machining.
Never attempt to remove the workpiece until the blade has come to a complete stop.

8 MAINTENANCE

Disconnect the power supply before performing any maintenance or servicing. Wear gloves and safety goggles

To maintain the efficiency of the machine and its components, it is necessary to perform maintenance.
The most important maintenance tasks are listed below.

Failure to perform the prescribed tasks will result in premature wear and reduce the machine's performance.
Before performing any maintenance, it is essential to disconnect the machine from the power supply to prevent accidental startup.

8.1 MAINTENANCE SCHEDULE

Interval	Component	To Do
Daily	Machine	Check general condition
		Clean and remove chips
	Belt	Check the condition and wear of the teeth
Every month	Drive belt	Check tension and condition
	Flywheels	Check the condition and wear of the rubber
	Latch-type push button	Check for proper operation
Twice a year	Safety equipment	Check that the microswitches switches

8.2 FAULT TABLE

Faults	Solutions
The machine does not start	The switch is in the "OFF" position
	Make sure the top and bottom covers are securely closed
Squeaking noises when starting	Tighten the drive belt
The ribbon is slipping out of the guides	Position the ribbon correctly and adjust the guide rollers
The cut is not straight	Check the condition of the belt and replace it if the teeth are damaged
	Check that the adjustable guide is parallel
	Check that the guide rollers are properly adjusted
The base of the ribbon teeth is damaged	The ribbon is overheating or the wrong type of ribbon was selected for the operation
	The ribbon is too wide for the pulleys
	The rubber on the pulleys is damaged or dirty
	The pulleys are not aligned
The ribbon is getting stuck in the workpiece or moving excessively	Check and adjust the guide rollers
	Check the quality of the tape weld and replace the tape if is not good
	The blade is not sharp enough and needs to be replaced
The machine is vibrating excessively	Check that the floor is level
	Tighten all screws
	Replace the blade
	Check the condition and tension of the drive belt and replace or retension it if necessary

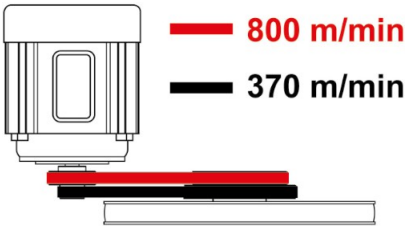
It is not necessary to lubricate the moving parts of the machine because dust and chips would accumulate on the grease, which would impair its lubricating properties.

8.3 DESCRIPTION OF THE PICTOGRAMS USED ON THE MACHINE

A. Direction of Rotation

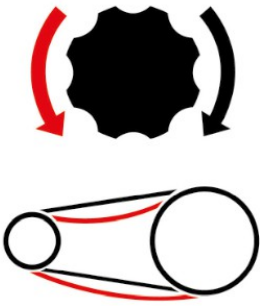
This arrow indicates the direction of rotation of the belt

B. Speed selection



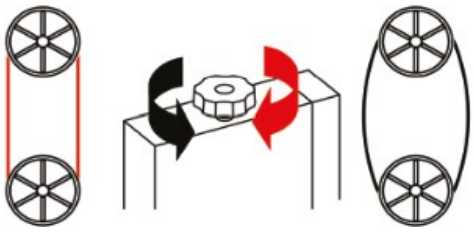
Indicates where to position the drive belt based on the desired speed

C. Belt Tension



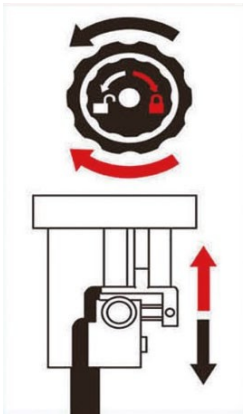
Drive belt tension adjustment knob: turn clockwise to tighten the belt and counterclockwise to loosen it

D. Belt tension



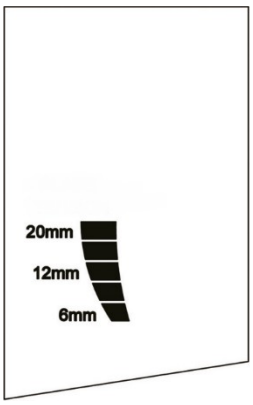
: Ribbon tension adjustment knob: Turn clockwise to tighten the ribbon and counterclockwise to loosen it

E. Locking and adjusting the upper ribbon guide



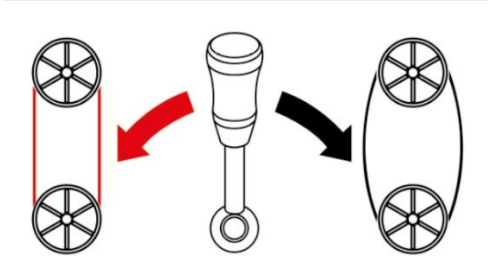
Ribbon guide adjustment knob: Turn the first knob to lock or unlock the ribbon guide adjustment. Turn the second knob to raise or lower the ribbon guide

F. Ribbon tension



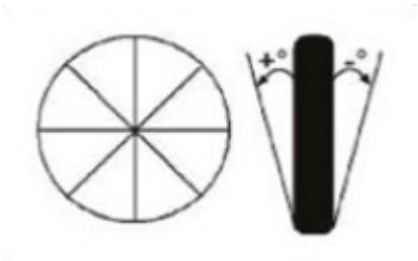
Indicates ribbon tension based on standard ribbon widths

G. Quick-release lever



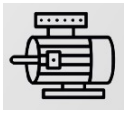
Move the lever to the right to loosen the ribbon, and move it to the left to tighten the ribbon

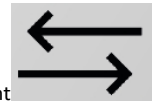
H. Adjusting the Angle of the Handwheels

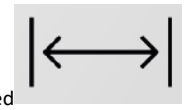


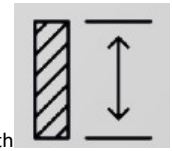
Turn clockwise to tilt the upper handwheel to the left and counterclockwise to tilt it to the right

I. Nameplate

 : Motor specifications: power, voltage, frequency, amperage

 : Machine weight  :

Belt speed  : Maximum cutting

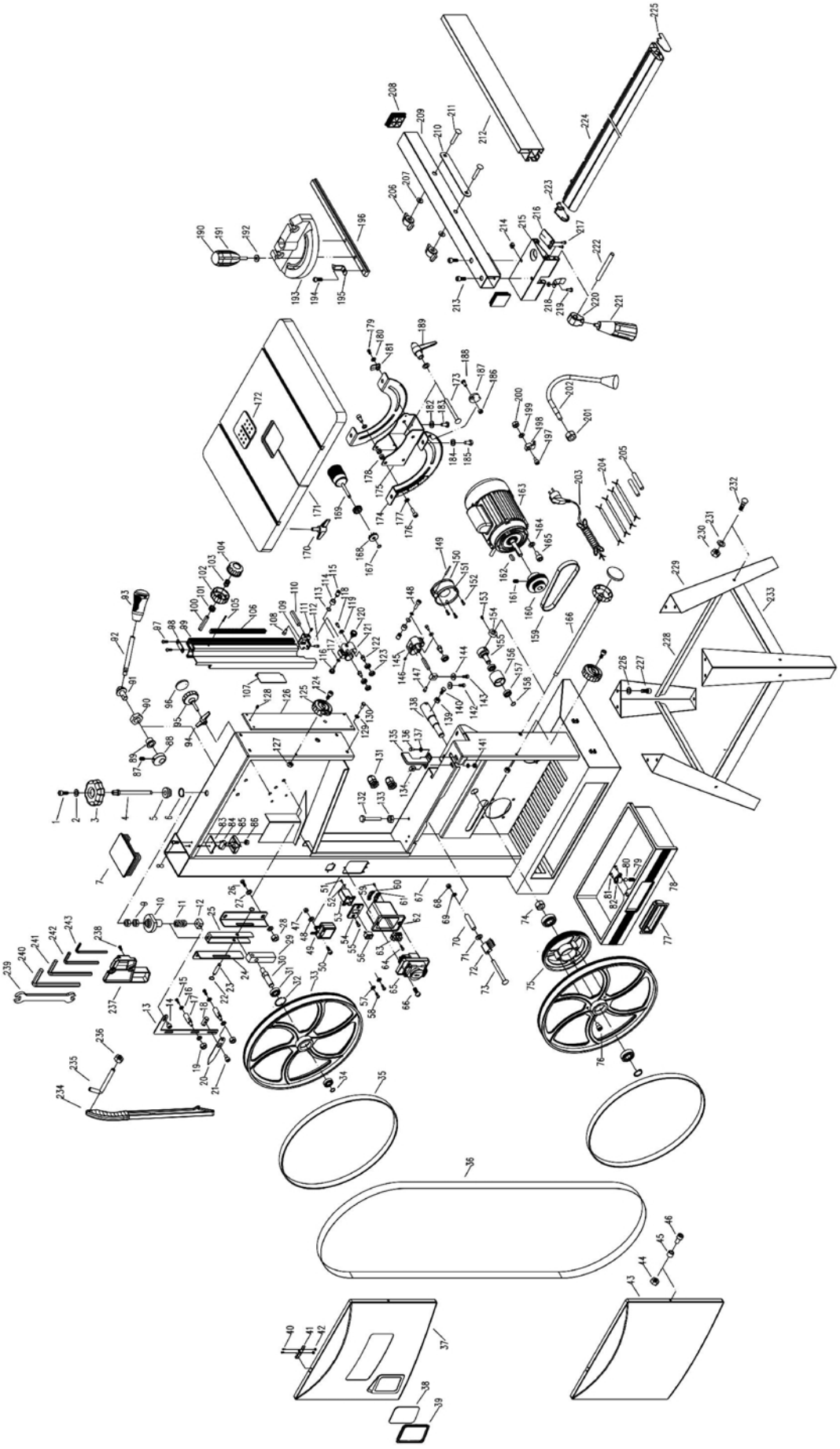
width  : Maximum cutting height

 : Machine protection rating

J. Maintenance

 : Instructions to follow during maintenance

9 VUE ÉCLATÉE



Reference	Description	Quantity
1	M5 x 12 mm pan-head screw	1
2	5 mm washer	1
3	Screw	1
4	Tension screw	1
5	Spacer	1
6	Circlip 3AMI-15	1
7	Body plug	1
8	M4 x 25 mm Phillips screw	4
9	8 mm hex nut	2
10	Cam-operated buckle	1
11	Tension spring	1
12	Tension nut	1
13	Connection wrench	1
14	Axle bolt	1
15	M6 x 12 mm set screw	3
16	6 mm flat washer	6
17	Stud	3
18	Mounting block	1
19	6 mm lock nut	3
20	Tension gauge	1
21	Axle bolt	1
22	Circlip 3AMI-8	2
23	Adjustment block shaft	1
24	Guide rail plate	2
25	Traction block	1
26	M8 x 16 mm set screw	4
27	8 mm flat washer	8
28	Hex nut, 8 mm	4
29	Adjustment block	1
30	Upper wheel shaft	1
31	Ball bearing	4
32	Circlip 3BMI-35	4
33	Wheel	2
34	Circlip 3AMI-15	2
35	Tread	2
36	Blade	1
37	Upper wheel cover	1
38	Window	1
39	Window frame	1
40	M4 x 10 mm Phillips-head screw	4
41	Micro-switch cover	2
42	4 mm hex nut	4
43	Lower wheel cover	1
44	6 mm lock nut	2
45	Gasket	2
46	M6 x 16 mm pan-head screw	2
47	4 mm cap nut	1
48	4 mm flat washer	1
49	LED lamp driver	1
50	M4 x 12 mm pan head screw	1
51	Phillips screw M4.2 x 9.5 mm	1
52	Cable gland	1
53	LED lamp switch housing	1
54	LED lamp switch plate	1
55	M4 x 12 mm Phillips screw	2
56	LED switch	1
57	4 mm toothed washer	2
58	M4 x 8 mm Phillips screw	2
59	M2.9 x 9.5 mm Phillips screw	4
60	Cable gland	1
61	Cable gland	1
62	Switch housing	1
63	Terminal block (4-way)	1

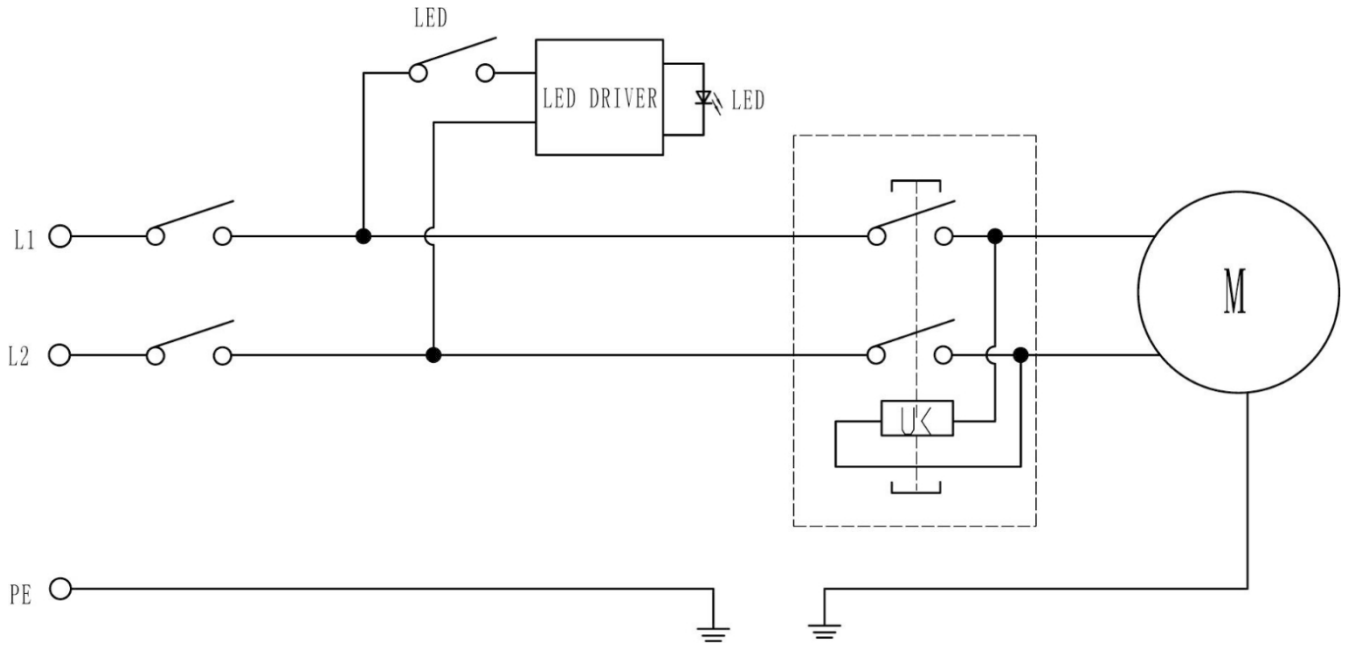
64	Phillips screw M2.9 x 16 mm	1
65	Switch	1
66	M4 x 12 mm Phillips screw	2
67	Body	1
68	8 mm cap nut	1
69	8 mm flat washer	1
70	Brush spacer	1
71	8 mm flat washer	1
72	Brush	1
73	M8 x 90 mm square-head bolt	1
74	M20 x 1.5 nut	1
75	Shaft pulley	1
76	M6 x 10 mm pan-head screw	3
77	Drawer handle	1
78	Drawer	1
79	Steel ball spring	1
80	8 mm steel ball	1
81	M2.9 x 9.5 mm Phillips screw	2
82	Steel ball retainer sleeve	1
83	Micro-switch housing cover	2
84	Micro-switch	2
85	Microswitch housing	2
86	4 mm hex nut	4
87	M6 x 8 mm set screw	1
88	Cam	1
89	Cam shaft guide	1
90	M20 x 1.5 nut	1
91	Camshaft	1
92	Camshaft control rod	1
93	Handle cover	1
94	Upper wheel position adjustment knob	1
95	Upper wheel adjustment knob	1
96	Handle Cover	2
97	M4.8 x 13 mm Phillips screw	2
98	Position-limiting plate	1
99	Blade guard cover	1
100	Shaft	1
101	Gear	1
102	Adjustment knob	1
103	Spring	1
104	Locking knob	1
105	Rack	1
106	Spring pin	2
107	Protective plate	1
108	M6 x 12 mm pan-head screw	1
109	Terminal block	1
110	Connecting shaft	2
111	M6 x 8 mm set screw	1
112	M4.8 x 13 mm Phillips screw	2
113	10 mm deflector ring	2
114	Needle bearing	2
115	Bearing housing II	2
116	Adjustment knob II	1
117	5 mm flat washer	1
118	M6 x 16 mm pan head screw	2
119	6 mm flat washer	2
120	Knob I	1
121	Guide block	1
122	Bearing bracket I	4
123	Ball Bearing	8
124	M6 x 16 mm pan-head screw	2
125	Handle	2
126	Guide plate	1
127	6 mm lock nut	2

128	M6 x 8 mm pan-head screw	1
129	6 mm flat washer	4
130	M6 x 10 mm pan head screw	4
131	Cable clamp	2
132	Leveling rod	1
133	8 mm hex nut	1
134	Mounting block	1
135	Lower blade guard plate	1
136	M6 x 12 mm set screw	1
137	6 mm flat washer	2
138	Lower wheel shaft	1
139	6 mm hex nut	4
140	M6 x 16 mm set screw	4
141	6 mm hex nut	1
142	M6 x 8 mm set screw	1
143	M6 x 10 mm set screw	1
144	6 mm flat washer	2
145	Guide block	1
146	M6 x 8 mm pan-head screw	1
147	M5 x 10 mm pan-head screw	1
148	M5 x 25 mm pan-head screw	1
149	M3 x 22 mm pin	1
150	Dust outlet cover	1
151	Dust outlet	1
152	M4.2 x 13 mm Phillips screw	3
153	M6 x 8 mm set screw	1
154	Positioning ring	1
155	Tension pulley shaft	1
156	Tension pulley	1
157	Ball bearing	2
158	Circlip 3AMI-12	1
159	Belt	1
160	Engine pulley	1
161	M8 x 8 mm pan-head screw	1
162	Key	1
163	Motor	1
164	6 mm flat washer	4
165	M6 x 12 mm pan head screw	4
166	Tension knob	1
167	Circlip 3AMI-18	1
168	Adjustment gear	2
169	Adjustment knob	1
170	Tension knob	4
171	Work table	1
172	Insert	1
173	Square-neck bolt	2
174	Corner plate	2
175	Rotating bracket	1
176	Spacer sleeve	2
177	8 mm washer	2
178	Lock nut, 8 mm	1
179	M4 x 12 mm Phillips screw	1
180	4 mm flat washer	1
181	Pointer	1
182	6 mm flat washer	4
183	M6 x 10 mm set screw	4
184	8 mm flat washer	4
185	M8 x 10 mm pan head screw	4
186	6 mm hex nut	4
187	Spacer	1
188	M6 x 10 mm set screw	1
189	8 mm handle	1
190	Knob cover	1
191	Dial	1

192	Plastic washer	1
193	Mitre guide	1
194	M4 x 8 mm Phillips screw	1
195	Pointer	1
196	Slide bar	1
197	M5 x 12 mm pan-head screw	1
198	Cable gland	1
199	5 mm flat washer	1
200	5 mm cap nut	1
201	10 mm hex nut	2
202	LED light	1
203	Power cord	1
204	Cable	4
205	Insulating sleeve	2
206	Rotary knob	2
207	6 mm flat washer	2
208	Data Sheet	2
209	Square guide rail tube	1
210	Washer	1
211	Square-head bolt M6 x 50 mm	2
212	Guide rail	1
213	M5 x 10 mm pan-head screw	2
214	5 mm square nut	3
215	Guide rail bracket	1
216	Pointer	1
217	M2.9 x 9.5 mm Phillips screw	2
218	Spring blade	1
219	M5 x 8 mm Phillips screw	1
220	Locking block	1
221	Locking knob	1
222	Shaft	1
223	Sheet II	1
224	Ruler Guide Rail	1
225	Plug I	1
226	8 mm flat washer	8
227	M8 x 10 mm pan head screw	8
228	Support plate	2
229	Bracket	4
230	6 mm hex nut	8
231	6 mm flat washer	8
232	Square-head bolt M6 x 12 mm	8
233	Support plate	2
234	Push rod	1
235	Hook	1
236	6 mm hex nut	1
237	Wrench frame	1
238	M4 x 10 mm Phillips screw	2
239	Flat wrench 8–10 mm	1
240	6 mm wrench	1
241	5 mm wrench	1
242	4 mm wrench	1
243	3 mm wrench	1

10 SCHÉMA ÉLECTRIQUE

PSR305 WIRING DIAGRAM



11 NIVEAU SONORE

The noise level emitted by this machine during operation will depend on the type of material being ground and the type of grinding wheel. For this reason, the measurement data are relative.

The risk of hearing damage to the operator depends on the duration of exposure to noise.
The operator must wear ear protection or other appropriate personal protective equipment when the sound power level exceeds 85 dB(A) at the workplace.

- Sound power level:
  LwA = 83.7 dB(A)
- Sound pressure level at the workstation:
  LpA = 70.7 dB(A)

The calculation of sound power was performed taking into account factors such as: reverberation in the test area, noise absorption by the floor, and other factors that may interfere with the measurements. Based on this estimate, the margin of error for the obtained values is approximately 3 dB(A).

The values provided are emission levels and do not necessarily represent levels that allow for safe working conditions. Although there are correlations between emission levels and exposure levels, these cannot be reliably used to determine whether additional precautions are necessary. Factors influencing actual exposure levels include workshop characteristics, other noise sources, etc., such as the number of machines and nearby manufacturing processes. Furthermore, permissible exposure limits may vary from country to country. However, this information enables the machine operator to better assess the risks.

12 NIVEAU VIBRATIONS

The vibration data transmitted by this machine during operation will depend on the type of material being ground and the type of grinding wheel. For this reason, the measurement data are relative.
Exposure to vibrations can have serious consequences for a worker's health. A person exposed daily to high-amplitude vibrations may develop neurological and joint disorders over the long term. These values must be taken into account when assessing the level of exposure.
Regular and frequent exposure to a highly vibrating power tool exposes workers' hands and arms to chronic disorders known as "vibration syndrome."

- Average hand/arm vibration level:
  A(8) < 2.5 m/s²

The assessment of the exposure level is based on the calculation of the daily exposure value A(8), normalized to an 8-hour reference period.
Whenever an employee is exposed to A(8) vibrations exceeding the daily exposure action level of 2.5 m/s², the employer must assess the risks associated with the employee's assigned task and implement control measures.
Exposure values for vibrations transmitted to the hand-arm system:
- Daily exposure limit value A(8) = 5 m/s²
- Daily action-triggering exposure value A(8) = 2.5 m/s²

13 PROTECTION DE L'ENVIRONNEMENT

Your machine contains many recyclable materials.
This logo indicates that used machines must not be mixed with other waste.
This ensures that machines are recycled under optimal conditions, in accordance with the European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE).
Contact your local city hall or your dealer to find out where the nearest collection points for used machines are located near your home.
Thank you for your cooperation in protecting the environment.

14 GARANTIE

If the machine is covered under warranty, service must be performed exclusively by an authorized service center. The machine's warranty is valid for 2 years from the date of purchase by the user.
This product is eligible for a 2-year warranty extension, provided that the user registers the product on the PEUGEOT OUTILS PROFESSIONNELS website (www.peugeot.outils-pro.com) within 30 days of the purchase date. This warranty extension is subject to the same terms and conditions as the original warranty.
Accessories and consumables are not covered by the warranty.
It is important to keep the receipt, which serves as the warranty certificate.
The warranty is limited to the free repair or replacement of defective parts, following an assessment by the manufacturer.
For any requests for information or replacement parts related to the machine, you must provide the exact information listed on the nameplate.
The warranty does not cover damage caused by the user or by a repair technician not authorized by Tivoly.

Link to the General Warranty Terms and Conditions:

15 DÉCLARATION DE CONFORMITÉ

CE "ORIGINAL" DECLARATION OF CONFORMITY

The undersigned (Manufacturer/Importer):

TIVOLY

266 ROUTE PORTES DE TARENTAISE 73790 TOURS-EN-SAVOIE

Declares that the following new machine:

- Description: **BAND SAW**
- Brand: **PEUGEOT PROFESSIONAL TOOLS**
- Model: **PSR305**
- Part Number: **PPM00700001**
- Serial No.:

Complies with applicable harmonized legislation:

- **Machinery Directive 2006/42/EC (until January 19, 2027)**
- **EU Regulation 2023/1230 (effective January 20, 2027)**
- **EN ISO 19085-1 Safety Standard for Woodworking Machinery**
- **EN ISO 19085-16 Safety Standard for Table Sawing Machines**

Complies with the applicable essential safety requirements:

- **Low Voltage Directive 2014/35/EU**
- **Electromagnetic Compatibility Directive 2014/30/EU**
- **WEEE Directive 2012/19/EU**
- **RoHS-2 Directive 2011/65/EU**
- **REACH Regulation 1907/2006**
- **Noise Directive 2003/10/EC**
- **Vibration Directive 2002/44/EC**

Done at TOURS-EN-SAVOIE
The

Stéphane Le Mounier, Chief Executive Officer

Person authorized to compile the technical file:

- Mr. LE MOUNIER – TIVOLY – 266 ROUTE PORTES DE TARENTAISE 73790 TOURS-EN-SAVOIE