PEUGEOT PROFESSIONNELS

GARANTIE 2+2 ANS

Get a free 2-year warranty

DE / GB / PT / SP

PTB305V Wood Lathe

IN GOOD HANDS

ORIGINAL INSTRUCTION MANUAL

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 for construction and maintenance professionals.

It is also a commitment to serving craftsmen and small businesses driven by strong family and heritage values.

For these professionals, **Peugeot Outils Professionnels** offers machines and tools designed specifically to meet their needs. **These tools are reliable, durable, and serviceable in France** and in countries covered by distribution agreements, through local industrial and family-owned partners.

Trusted equipment, backed by a longer warranty, with logistics and **French after-sales service.** The assurance of dealing with the people who assembled these tools and know every part inside 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 a 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 enthusiasts, craftsmen, dedicated technicians and installers, workers proud of themselves and their achievements.

Peugeot Professional Tools: tools in good hands.

THANK YOU FOR YOUR PURCHASE.

We are delighted that you have chosen Peugeot Professional Tools. 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 in your experience with the Peugeot Outils Professionnels brand.

Your purchase comes with a 2-year warranty, extendable 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.

TABLE OF CONTENTS

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 setter, 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 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 operation and maintenance of the machine. Failure to follow the safety guidelines and warnings in the instruction manual and on the machine, and/or using the machine in a manner other than that recommended in the 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 that the user must follow. Pursuant to Article L.4122-1 of the Labor Code, it is the responsibility of the employer or the user to ensure their own health and safety, as well as that of others affected by their actions or omissions, in accordance, in particular, with the instructions provided to them.
The employer must conduct an assessment of the specific risks associated with their activity, must train workers on the machine and on the prevention of these risks, and must appropriately inform workers responsible for the use or maintenance of work equipment of the instructions or guidelines applicable to them.

2 PICTOGRAMMES

2.1 MACHINE SAFETY PICTOGRAMS

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


Safety glasses must be worn


Protective clothing must be worn


Respiratory mask must be worn


Read the instruction manual carefully


Danger: risk of entanglement


Danger: Electricity present


Hearing protection must be worn


Safety shoes must be worn


Do not wear loose-fitting clothing, 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

2.2 PICTOGRAMS IN THIS INSTRUCTION MANUAL


Immediate danger to persons 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 INSTRUCTIONS

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

These operating instructions only take into account reasonably foreseeable behavior.

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 the presence, condition, and operation of all safety guards before starting work.
Ensure that moving parts are functioning properly, that there are no damaged components, and that the machine operates perfectly during startup.
Only qualified and authorized personnel are permitted to repair or replace damaged parts.

Keep the work area clean and tidy.
Make sure that the entire work area is visible from your workstation.
Cluttered work areas and workbenches are a potential source of injury.
Do not use the machine outdoors, in very damp areas, or in the presence of flammable liquids or gases.
Position the machine in a sufficiently lit work area.
The machine is prohibited for young workers under the age of eighteen.
Do not allow anyone, especially children or animals, who are not authorized to be in the work area to touch the tools or electrical cables, and keep them away from the work area.
Never leave the machine unattended while it is running. Always disconnect the power supply. Only leave the machine when it has come to a complete stop.


Do not force 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 tasks intended for larger tools.
Do not use the tools for tasks for which they are not intended.


Do not damage the power cord.

Never pull on the power cord to remove 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.
Periodically inspect the power cord, and if it is damaged, have it repaired by an authorized service technician.
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 use 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 persons.

The user is responsible for the machine and must ensure that:
The reel is used by individuals who have read the instructions and are authorized to do so.
Safety rules were strictly followed.
Users have been informed of the safety rules. Users have read and understood the instruction manual.
Responsibilities for maintenance and any repairs have been clearly assigned and followed. Defects or malfunctions have been immediately reported to an authorized repair 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 be hazardous.
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 any injury to persons, animals, or damage to property resulting from failure to follow the instructions and safety rules contained in this user manual

3.2 SPECIFIC SAFETY INSTRUCTIONS

- Before use, check that the machine is not damaged. Do not use the machine if any parts are damaged.
- Before starting the machine, check that there are no objects (such as tools) inside the machine.
- 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.
- Never place your hands on rotating parts.
- Do not use tools at speeds exceeding the maximum speed specified by the tool manufacturer.
- Always wear gloves when handling tools. Never wear gloves while machining parts.
- Securely clamp the workpiece before turning. Always use chucks or supports suitable for the turning operation to be performed.
- Never drive the workpiece into the center point on the lathe. Always drive the center point into the workpiece using a mallet, then mount it on the lathe.
- Never adjust the tool holder while the machine is running.
- Remove the tool holder before sanding.
- Dust and wood chips are hazardous to your health and should never be inhaled. To prevent this, use a suitable chip vacuum:
  - 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 guards are in good condition and in place. Ensure 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 goggles.
- Hearing protection.
- Safety shoes.
- Respiratory protection.

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

- 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 PTB305V 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 shall not be held liable.

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

4.2 SPECIFICATIONS

- Sturdy and stable bench-top wood lathe
- The lathe bed, headstock, and tailstock are made of cast iron for greater strength, rigidity, and zero vibration even when working with unbalanced workpieces
- Electronic speed control with adjustment knob
- Powerful, durable, and quiet 900W motor
- Digital spindle speed display
- Convenient forward/reverse switch for sanding and finishing
- 2 belt-driven speed ranges ensuring the necessary torque at the right speed
- Storage holder for tools and adjustment keys
- Safety key to prevent accidental power-up
- Includes a cone removal rod
- Option:
  - Base

	Maximum machinable diameter (mm)	Distance between centers (mm)	Rotational speed (rpm)	Dimensions of tool holder (mm)	Power	Motor (kW)	Weight (kg)	Dimensions (W x D x H) (mm)
PTB305V	305	610	W: 300 - 1100 H: =750 - 3450	150 x Ø25.4	230V - single-phase	0.9	38	885 x 280 x 405

4.3 MACHINE DESCRIPTION

1. Pulley housing
2. Main shaft
3. Headstock flywheel
4. Headstock
5. Belt housing
6. Motor
7. Moving head flywheel
8. Moving headstock spindle
9. Tool holder
10. Movable headstock
11. Tool holder locking handle
12. Tool holder bracket
13. Tool holder bracket locking handle
14. Control panel
15. Frame

5 INSTALLATION

5.1 PACKAGING

The machine is packaged in a cardboard box with polystyrene reinforcements.
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 SETTING UP THE MACHINE

Installation environment:

- Power supply Electrical in accordance the machine's specifications (230V single-phase).
- Ambient temperature between +5°C and +40°C.
- Relative humidity not exceeding 90%.
- Adequate ventilation at the installation site.
- Work area sufficiently lit for safe working conditions safely: lighting must be 500 LUX.

5.3 ASSEMBLY

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

Assembly of the headstock handwheel:

- Place the handwheel (P) on the headstock spindle
- Secure the handwheel with 2 screws

Installing the tailstock handwheel:

- Place the handwheel (Q) on the tailstock spindle
- Secure the handwheel with 2 screws

Assembling the tool holder:

- Place the tool holder (H) in the tool holder bracket
- Tighten the tool holder using the handle

The lathe comes with a faceplate (G) for turning large workpieces, a center (I) for turning smaller workpieces, and a tailstock (J).

5.4 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 CONNECTION

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

We remind the user that a circuit breaker must always be installed upstream of the electrical system 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: 6.6 A
- Motor power: 0.9 kW

Use cables and cable reels with a cross-section and length appropriate for the machine's power rating, and unroll them completely.
Electrical connection points 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 guard, 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 adjustment, turn off the machine and unplug it to prevent accidental startup. Inspect the machine before use to ensure it is complete and in good condition.
Ensure there is sufficient space to work around the machine.
Install safety equipment in accordance with the instructions and verify that it is functioning properly.

6.1 ADJUSTING THE TOOL HOLDER

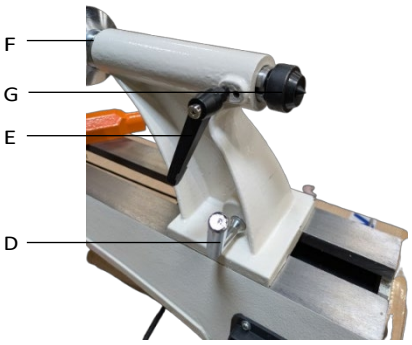
You can adjust the height, position, and angle of the tool holder.

1. Loosen the handle (C) to adjust the height and angle of the tool holder. Then tighten the handle (C)
2. Loosen the handle (A) and then adjust the position of the tool holder along the lathe bed. Then tighten the handle (A)

6.2 ADJUSTING THE TAILSTOCK

1. Loosen the handle (E)
2. Turn the handwheel (F) clockwise to extend the tailstock (G). Turn the handwheel (F) counterclockwise to retract the tailstock
   Tighten the handle (E)
3.

1. Loosen the handle (D)
2. Move the sliding headstock to the desired position along the bed
3. Tighten the handle (D)



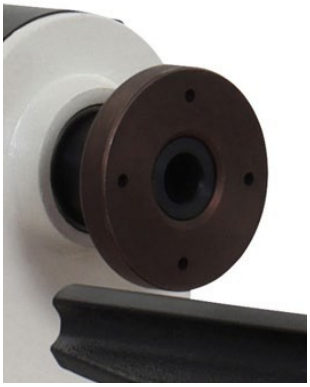
6.3 CONTROL PANEL

The lathe has a wired control panel with various buttons:

A. Start button
B. Stop button
C. Spindle rotation direction reversal button
D. Speed adjustment knob
E. Digital display of spindle speed

6.4 CHOICE OF CHUCK TYPE

Support plate:



The faceplate is used for turning parts with a flat base, such as bowls or plates.
The workpiece is secured to the faceplate using screws.

To install the faceplate on the lathe:

1. Screw the plate onto the spindle
2. Tighten the locking screws

To remove the faceplate:

1. Unscrew the locking screws
2. Unscrew the plate
3. Turn the plate counterclockwise to completely remove it from the spindle

Drive claw

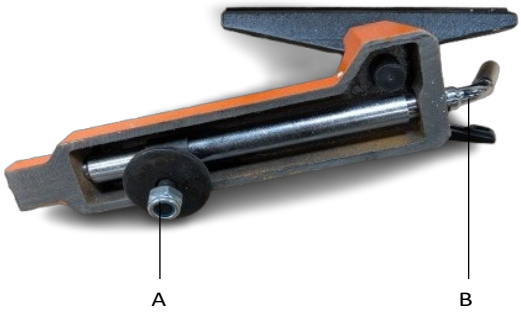
The drive chuck is used for turning between centers.

The chuck has a CM2 Morse taper. To install it, simply slide it into the spindle bore. To remove it, insert the bar into the spindle slot.

6.5 ADJUSTING THE CLAMPING FORCE OF THE HANDLES

The handles are factory-set to ensure sufficient grip. However, they can be adjusted:

1. Loosen the handle (B)
2. Tighten or loosen the nut (A)
3. Tighten the handle (B)



6.6 CHANGING THE BELT

1. Unplug the lathe from its power source
2. Lift the front belt access cover to remove it. Use the supplied 4 mm hex wrench to loosen the M5 x 16 mm socket head cap screw securing the side belt access cover, then loosen the knob to swing the side belt access cover upward so you can access the drive belt at the lower pulley.
3. Loosen the locking handle (76) on the belt tension lever until you can lift the belt tension lever (13).
4. Loosen the two M6 x 12 mm hex screws on the headstock handwheel (6), then turn the handwheel clockwise to remove it from the headstock spindle (5).
5. Remove the sleeve surrounding the headstock spindle.
6. Lift the belt tension lever to loosen the drive belt. Remove the belt from the lower motor pulley.
7. Remove the drive belt by pulling it through the opening on the side of the headstock for the headstock spindle.
8. Install the replacement drive belt by feeding it through the opening on the side of the headstock for the headstock spindle.
9. Lift the belt tension lever if necessary and position the drive belt on the pulley set appropriate for the desired speed range. Ensure that the belt is properly positioned on the complementary upper and lower pulleys. Do not position the belt so that it runs at an angle.
10. Lower the belt tension lever until tension is restored to the drive belt.
11. Reinstall the sleeve onto the headstock spindle. Then screw the headstock handwheel onto the headstock spindle by turning it counterclockwise until it stops. Tighten the two M6 x 12 mm hex socket screws to secure it in place.
12. Check the tension of the drive belt. It should be possible to deflect the belt inward by about 10 mm. Then turn the headstock handwheel by hand to ensure that the drive belt does not slip.
13. Tighten the locking handle on the belt tension lever.

7 UTILISATION

Before beginning work on the machine:

- Before performing any operation on the machine, ensure that it is complete and in good condition
- Ensure there is enough space around the machine to move freely
- Replace any damaged parts before using the machine

During operation:

- Always wear: safety shoes, hearing protection, and tight-fitting clothing
- Always ensure that a dust extraction system is in operation
- 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 brake it by hand or with an object

7.1 STARTING AND STOPPING THE MACHINE

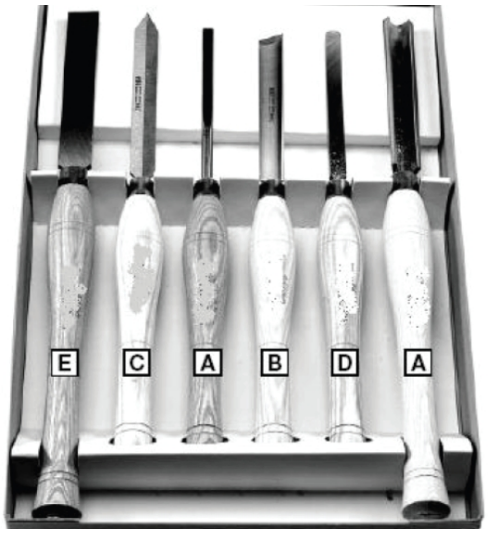
To start the machine, press button (A) and then adjust the rotation speed by turning the potentiometer (C).

To stop the machine, press the stop button (B).

7.2 TURNING TOOLS

Standard turning tools are available in many configurations, but here are the main ones:

A. **Gouges**: The primary tool required for most turning work. This hollow chisel with a rounded tip is used for roughing cuts, grooving, and other operations
B. **Beveled chisel**: A flat chisel sharpened on both sides with a beveled edge. This tool is used for smoothing cylinders, creating shoulders, rounded fillets, V-grooves, etc.
C. **Parting tool**: A chisel sharpened on both sides, used to separate or make straight cuts, allowing for the machining of precise diameters
D. **Round-ended scraper**: Primarily used for hollowing out the piece
E. **Square-ended scraper**: Primarily used for the outside of bowls



This list is not exhaustive; for more information on the various gouges and their uses, contact a tool manufacturer.

7.3 POSITIONING THE WORKPIECE

The workpiece must be positioned at the center of the drill bit or chuck. To do this, you must first find its center:

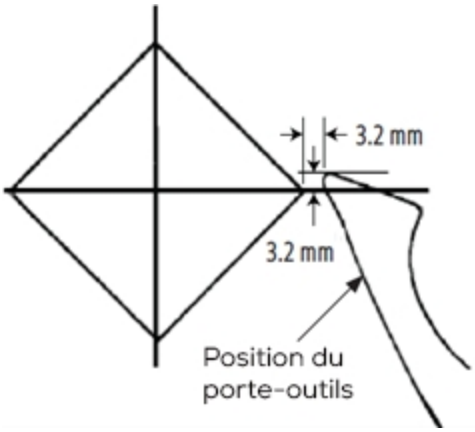
1. Draw two diagonal lines connecting the four corners. The center is located at the intersection of these two lines.
2. Do the same on the other side of the workpiece
3. Place the tip of the drive claw in the center of the workpiece
4. Drive the claw in using a mallet
5. Install the chuck in the lathe
6. Move the tailstock as close as possible to the other end of the workpiece and drive the center point into the center while extending the spindle

It is strongly recommended that you always turn between the two centers to achieve the best results and ensure safety. The tailstock should only be removed when the right side of the workpiece needs to be machined.

7.4 USING THE TOOL HOLDER

The tool holder must be properly positioned to ensure safe operation. It should be positioned as close as possible to the workpiece to provide greater control and improve quality during turning, but it must not interfere with the workpiece while it is in motion.

To do this, position the tool holder approximately 3.2 mm from the workpiece and 3.2 mm above the center of the workpiece.



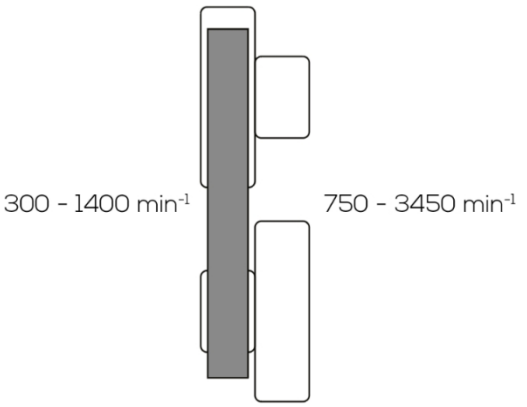
Always rotate the workpiece by hand before starting the machine to ensure there is no interference between the workpiece and the tool holder.

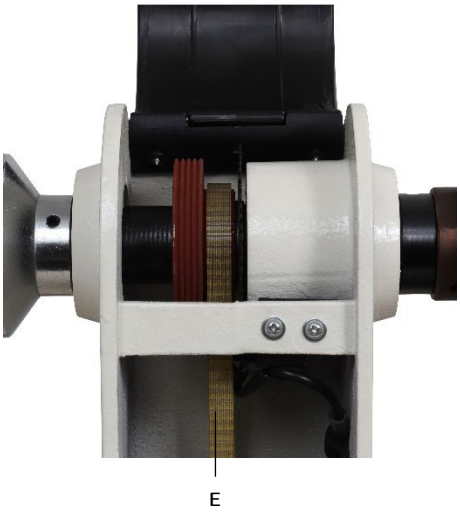
This manual is not intended to provide training in woodturning. For any instruction regarding machining techniques, consult a qualified professional or a training center.

7.5 CHANGING THE SPEED RANGE

The lathe has 2 speed ranges that can be adjusted depending on the task at hand. Range 1 offers maximum torque.
Range 2 provides maximum speed.

1. Unplug the lathe
2. Open the access panel to the pulleys and belt (A) by unscrewing the screw (B)
3. Release the belt tension:
    a. Unscrew the handle (C)
    b. Push the handle (D) upward to release the belt tension
4. Position the belt (E) on the pulleys corresponding to the desired speed range
5. Once the belt is positioned, push the handle (D) down to tighten the belt
6. Tighten the handle (C)
7. Close the covers (A) and tighten the screw (B)





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 reduced machine performance.
Before performing any maintenance, it is essential to disconnect the machine from the power supply to prevent accidental startup.

8.1 MAINTENANCE SCHEDULE

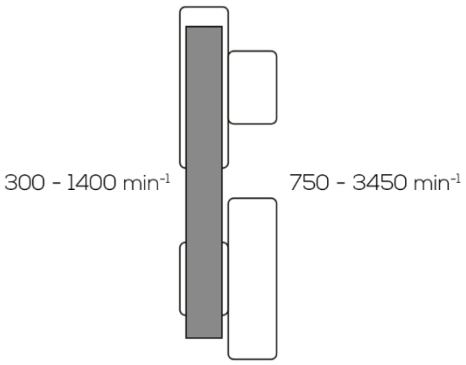
Interval	Which component	To Do
Daily	Machine	Check general condition
		Clean and remove chips
Monthly	Drive belt	Check condition
	Pulleys and bearings	Check condition and wear
	Latch-type push button	Check for proper operation
Twice a year	Safety equipment	Check that the micro-switches switches

8.2 FAULT TABLE

Faults	Solutions
The machine does not start	Check the power supply
The motor is not delivering maximum power	Increase the diameter of the power cord or remove the extension cord if used
	The belt tension is too high
	The motor is worn out and needs to be replaced
The motor stalls or won't start	Reduce the cutting depth
	Check the tension and condition of the belt
	Replace the spindle bearings
	Clean the motor to improve airflow
	Replace the motor
The motor is overheating	Reduce the load on the motor
	Clean the motor to increase airflow
Excessive vibration	The part is out of alignment and must be machined to correct the vibrations
	Replace the spindle bearings
	Replace the belt
	Tighten all handles and screws
	Check the level of the lathe and adjust the base if necessary
The sliding headstock moves	Do not clamp the sliding headstock too tightly against the workpiece
	Tighten the tailstock locking handle
	Remove the tailstock and clean the bed with a degreaser
The tool holder does not lock	Adjust the nut located under the clamping plate to increase or decrease the clamping pressure of the handle
The machine slows down or stalls during cutting	Reduce the depth of cut
	Sharpen the tools
Tools tend to get stuck while cutting	Sharpen the tools
	Adjust the tool holder to the correct height
	Position the tool holder at the correct distance
	Use the correct tool for the task at hand

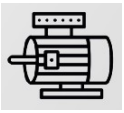
8.3 DESCRIPTION OF THE PICTOGRAMS USED ON THE MACHINE

A. Direction of rotation



: Indication of the different speed ranges depending on the belt position

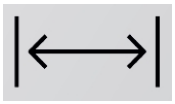
B. Nameplate



: Motor specifications: power, voltage, frequency, amperage

: Machine weight

: Rotational speed



: Distance between centers

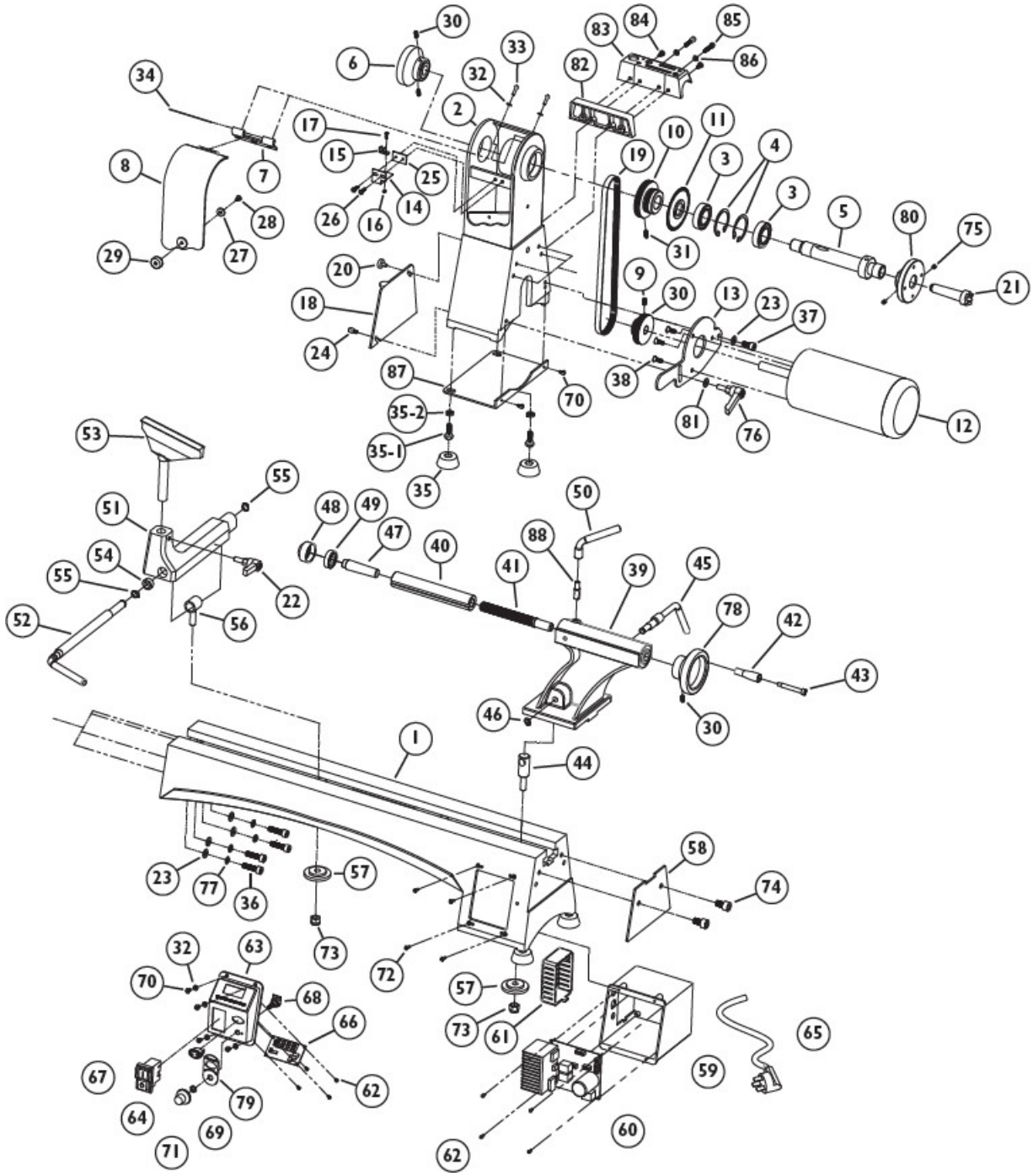
: Maximum machinable diameter

: Machine protection rating

C. Maintenance

: Instructions to follow during maintenance

9 VUE ÉCLATÉE

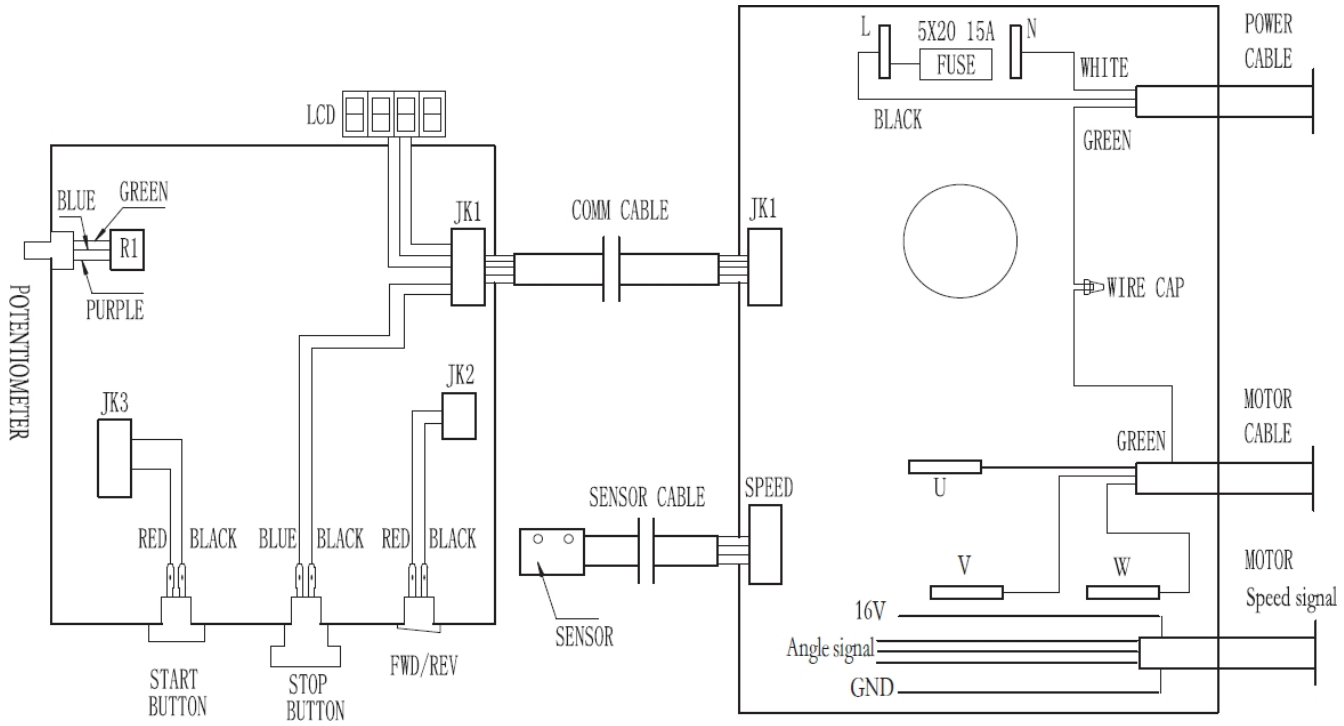


Reference	Designation	Quantity
1	Lathe bed	1
2	Headstock	1
3	Rolling	2
4	Retaining ring	2
5	Fixed spindle	1
6	Fixed spindle	1
7	Front belt access cover hinge	1
8	Front belt access cover	1
9	Motor pulley	1
10	Drive pulley	1
11	Speed plate	1
12	Motor	1
13	Belt tension lever	1
14	Digital connection board	1
15	Optocoupler	1
16	M3 nut	1
17	M3 x 10 mm screw	1
18	Side belt access cover	1
19	Drive belt	1
20	Knob	1
21	M2 drive tip	1
22	Tool holder locking handle	1
23	Washer	9
24	M5 x 16 mm pan head screw	1
25	Nut plate	1
26	M4 x 22 mm screw	2
27	Magnet	1
28	M4 x 12 mm screw	1
29	Front belt access cover knob	1
30	M6 x 12 mm hex head cap screw	5
31	M6 x 12 mm socket head cap screw	1
32	Washer	6
33	M4 x 16 mm self-tapping screw	2
34	Front cover hinge pin	1
35	Rubber foot	4
35-1	M8 x 25 mm bolt	4
35-2	M8 nut	4
36	M8 x 30 hex head screw	4
37	Hex head screw M8 x 16	1
38	M6 x 16 mm countersunk screw	3
39	Sliding headstock	1
40	Sliding headstock spindle	1
41	Sliding headstock sleeve	1
42	Handle for the spindle of the moving spindle	1
43	Bolt for movable headstock handwheel handle	1
44	Sliding head follower roller	1
45	Sliding headstock locking lever	1
46	Retaining ring	1
47	Tapered rotating tip rod	1
48	Concave rotating tip	1
49	Bearing	1
50	Sheath locking handle	1
51	Tool holder slide	1
52	Tool holder locking handle	1
53	Tool holder	1
54	Tool holder sleeve	1
55	Retaining ring	2
56	Tool holder follower roller	1
57	Locking plate	2
58	End plate	1
59	Electrical box	1
60	Circuit board	1
61	Shield	1

62	M3 x 8 mm self-tapping screw	8
63	Digital display housing	1
64	Forward/reverse switch	1
65	Power cord	1
66	Digital display	1
67	On/off switch	1
68	Potentiometer	1
69	Nut	1
70	M4 x 8 mm pan-head screw	6
71	Speed adjustment knob	1
72	M4 x 12 mm self-tapping screw	4
73	M10 locking plate nut	2
74	M8 x 12 hex head cap screw	2
75	Hexagonal fastener	2
76	Tension lever locking handle	1
77	Spring washer	4
78	Moving headstock handwheel	1
79	Speed label	1
80	Tray	1
81	Washer	1
82	Tool holder angle bracket	1
83	Tool holder	1
84	ST4.8 x 10 mm self-tapping screw	2
85	Hex head screw M5 x 30	2
86	Flat washer	2
87	Lower plate of the headstock	1
88	Eccentric locking shaft	1
84	ST4.8 x 10 mm self-tapping screw	2
85	Hex head screw M5 x 30	2
86	Flat washer	2
87	Lower plate of the headstock	1
88	Eccentric locking shaft	1

10 SCHÉMA ÉLECTRIQUE

PTB305V ELECTRICAL DIAGRAM



11 NIVEAU SONORE

The noise level data for 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 approximate.

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 = 72 dB(A)
- Sound pressure level:
  LpA = 61 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 not necessarily levels that ensure 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 make a better risk assessment.

12 NIVEAU VIBRATIONS

The vibration data generated 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 work 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 Type A(8) vibrations exceeding the daily action exposure limit 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 the 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.
Thank you for your cooperation in protecting the environment.

14 GARANTIE

If the machine is covered under warranty, repairs 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 evaluation by the manufacturer.
For any requests for information or spare parts related to the machine, it is essential to 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 AL DECLARATION OF CONFORMITY “ORIGINAL”

The undersigned (Manufacturer/Importer):

TIVOLY

266 ROUTE PORTES DE TARENTAISE 73790 TOURS-EN-SAVOIE

Declares that the following new machine:

- Description: **WOOD TURNING MACHINE**
- Brand: **PEUGEOT PROFESSIONAL TOOLS**
- Model: **PTB305V**
- Part Number: **PPM00900001**
- Serial No.:

Complies with the applicable harmonized legislation:

- **Machinery Directive 2006/42/EC (until January 19, 2027)**
- **EU Regulation 2023/1230 (effective January 20, 2027)**
- **Woodworking machinery safety standard EN ISO 19085-1**

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 1907/2006**
- **Noise Directive 2003/10/EC**
- **Vibration Directive 2002/44/EC**

Done at TOURS-EN-SAVOIE
The

Stéphane Le Mounier,
General Manager

Person authorized to compile the technical file:

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

PEUGEOT PROFESSIONNELS	TIVOLY: Headquarters: 266 ROUTE PORTES DE TARENTAISE 73790 TOURS-EN-SAVOIE www.peugeot-outils-pro.com	CUSTOMER SERVICE Tel: +33(0)4 79 89 59 00
	In its ongoing effort to improve the quality of its products, TIVOLY reserves the right to modify their specifications. The information, photos, exploded views, and diagrams contained in this document are not binding.	November 2025 Edition Manual PTB305V