



Get a free 2-year
warranty



DE / GB / PT / SP

PTB355V

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 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, email service@peugeot-outils-pro.com, call [+33\(0\)4.79.89.59.00](tel:+330479895900), or visit at www.peugeot-outils-pro.com

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

TABLE OF CONTENTS

1	INTRODUCTION	4
2	PICTOGRAMS	4
2.1	MACHINE SAFETY PICTOGRAMS	4
2.2	PICTOGRAMS IN THIS INSTRUCTION MANUAL	4
3	SAFETY	5
3.1	GENERAL SAFETY PRECAUTIONS	5
3.2	SPECIFIC SAFETY REQUIREMENTS	6
3.3	OPERATOR PROTECTION	6
4	DESCRIPTION AND OPERATION	7
4.1	INTENDED USE OF THE MACHINE	7
4.2	SPECIFICATIONS	7
4.3	MACHINE DESCRIPTION	7
5	INSTALLATION	8
5.1	PACKAGING	8
5.2	HANDLING AND TRANSPORT	ERROR! BOOKMARK NOT DEFINED.
5.3	MACHINE INSTALLATION	8
5.4	ASSEMBLY	8
5.5	ELECTRICAL CONNECTION	9
6	ADJUSTMENTS AND PREPARATION	9
6.1	TOOL HOLDER ADJUSTMENT	9
6.2	ADJUSTING THE TAILSTOCK	10
6.3	CONTROL PANEL	10
6.4	SPINDLE INDEXING	10
6.5	SELECTING THE CHUCK TYPE	11
6.6	ADJUSTING THE CLAMPING FORCE OF THE HANDLES	11
6.7	CHANGING THE BELT	12
7	USE	13
7.1	STARTING AND STOPPING THE MACHINE	13
7.2	TURNING TOOLS	13
7.3	POSITIONING THE WORKPIECE	14
7.4	USING THE TOOL HOLDER	14
7.5	CHANGING THE SPEED RANGE	15
8	MAINTENANCE	16
8.1	MAINTENANCE SCHEDULE	16
8.2	VARIABLE SPEED DRIVE FAULT TABLE	16
8.3	FAULT TABLE	17
8.4	DESCRIPTION OF THE PICTOGRAMS USED ON THE MACHINE	18
9	EXPLODED VIEW	19
10	ELECTRICAL DIAGRAM	24
11	NOISE LEVEL	25
12	VIBRATION LEVEL	25
13	ENVIRONMENTAL PROTECTION	26
14	WARRANTY	26
15	DECLARATION OF CONFORMITY	27

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 features 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 required



Protective clothing must be worn



Respirator 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, 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

2.2 PICTOGRAMS IN THIS INSTRUCTION MANUAL



Immediate danger to people and damage to the machine



Potential 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 damp 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 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. Any defects or malfunctions have been immediately reported to an authorized service provider 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 people, 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 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 to detect the presence of foreign objects (nails, screws) that could interfere with proper operation.
- Make sure that no part of your body or clothing can get caught in 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 workpieces.
- 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 must never be inhaled. To prevent this, use a suitable chip vacuum:
 - Adjust the vacuum hose to match the diameter of the machine's suction nozzle (100 mm).
 - Minimum air volume: 815 m³/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 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 PTB355V 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

- Sturdy and stable bench-top wood lathe
- Designed with 3 possible extension locations (optional):
 - On the bench in front of the motor to increase the turning capacity to 381 mm
 - On the front face, perpendicular to the bench, to offset the tool holder and more easily utilize the full capacity
 - On the bench at the rear to increase the center-to-center distance to 850 or 1118 mm, depending on the extension
- The lathe bed, headstock, and tailstock are made of cast iron for greater strength, rigidity, and zero vibration—even when turning unbalanced workpieces
- Powerful, durable, and quiet 750 W brushless motor
- Electronic speed controller with adjustment knob
- Digital spindle speed display
- Convenient forward/reverse switch for sanding and finishing
- Repositionable magnetic control unit
- 3 belt-driven speed ranges ensuring the necessary torque at the right speed (from 150 to 3,850 rpm)
- Storage holder for tools and adjustment wrenches
- Generous tailstock travel of 101.6 mm

	Max. machinable diameter (mm)	Center-to-center distance (mm)	Rotational speed (rpm)	Tool holder dimensions (mm)	Power supply	Motor power (kW)	Weight (kg)	Dimensions (W x D x H) (mm)
PTB355V	355	508	L: 150–650 M: 400–1,550 H: 850–3,850	150 x Ø25.4	230V - single-phase	0.75	62	1100 x 470 x 470

4.3 MACHINE DESCRIPTION



- | | |
|-----------------------------|--|
| 1. Pulley housing | 9. Moving headstock spindle |
| 2. Main shaft | 10. Tool holder |
| 3. Fixed headstock flywheel | 11. Sliding headstock |
| 4. Fixed spindle | 12. Tool holder locking handle |
| 5. Belt cover | 13. Tool holder support |
| 6. Control panel | 14. Tool holder support locking handle |
| 7. Motor | 15. Frame |
| 8. Moving head handwheel | |

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 dealer.

Keep the instruction manual for future reference.

5.2 SETTING UP THE MACHINE



Installation Environment:

- Power supply Electrical 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 safety: the 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.

Assembling the headstock handwheel:

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

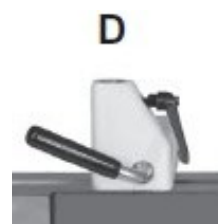


Assembling the tailstock handwheel:

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

Assembling the tool holder:

- Place the tool holder (H) into 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 incorrect 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 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: 7 A
- Motor power: 0.75 kW



Use cables and extension cords with a cross-section and length appropriate for the machine's power rating, and unroll them completely.



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



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

6 AJUSTEMENTS ET PRÉPARATION

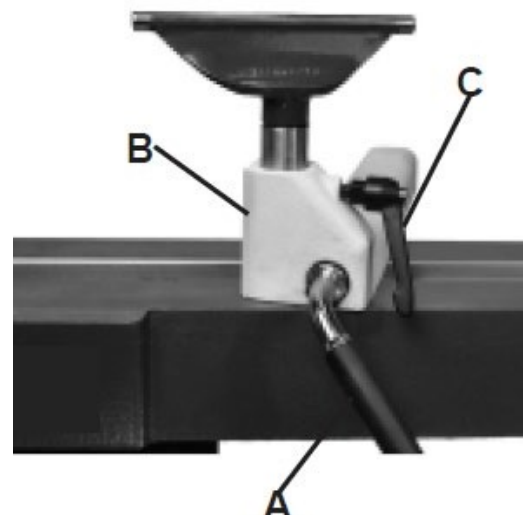


**Before performing any maintenance or adjustment, turn off the machine and unplug it to prevent accidental startup. Inspect the machine before beginning any work to ensure it is complete and in good condition.
Ensure there is sufficient space to work around the machine.
Install safety equipment according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

6.1 TOOL HOLDER ADJUSTMENT

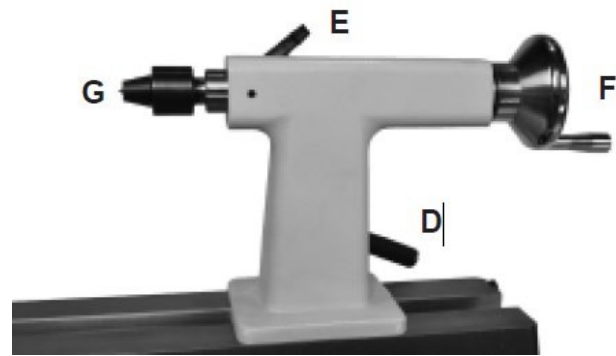
You can adjust the height, position, and angle of the tool holder.

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) to 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
 3. Tighten the handle (E)
-
1. Loosen the handle (D)
 2. Move the tailstock to the desired position along the bed
 3. Tighten the handle (D)



6.3 CONTROL PANEL

The lathe features a wired, magnetic-base control panel. This allows the operator to place the control panel anywhere on the lathe's base.

- A. Power button
- B. Latching emergency stop button
- C. Spindle Rotation Direction Reversal Button
- D. Speed adjustment potentiometer

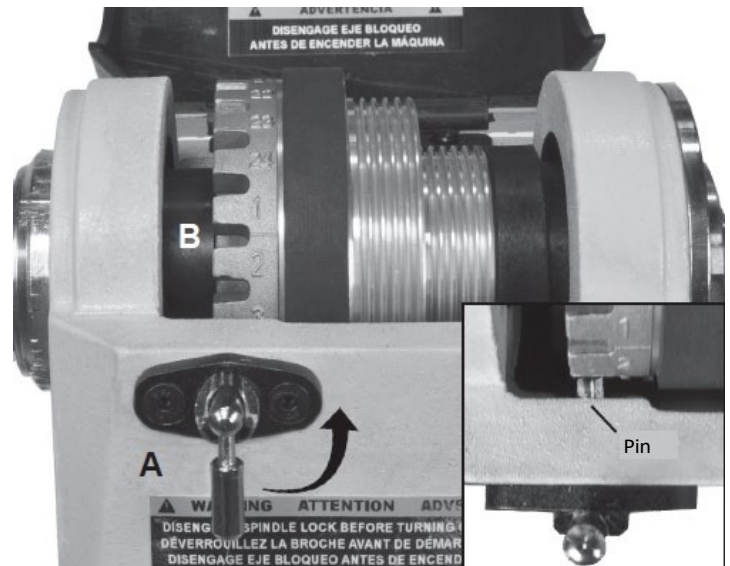


6.4 SPINDLE INDEXING

The lathe features a spindle indexing system that allows the spindle to be indexed to various angles for grooving, drilling, carving, etc. To adjust the spindle angle:

1. Open the top cover
2. Turn the chuck to position the spindle in the desired position on one of the 24 holes (B)
3. Lift the lever (A) to engage the pin

To disengage the spindle indexing, lower the lever (A).



**Never use the spindle indexing mechanism to remove accessories attached to the chuck. This will damage the pin.
Never start the lathe while the pin is engaged.**

6.5 CHOOSING THE TYPE OF CHUCK

Face Plate:

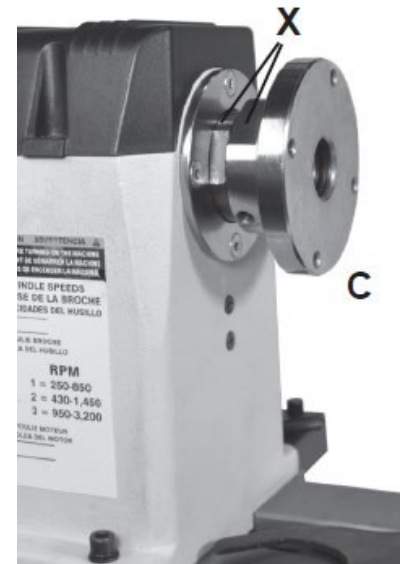
The faceplate is used for turning workpieces with a flat base, such as bowls or plates. The workpiece is secured to the faceplate with screws.

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 by placing a 38mm wrench on the flat spots of the spindle
3. Turn the plate counterclockwise to completely remove it from the spindle

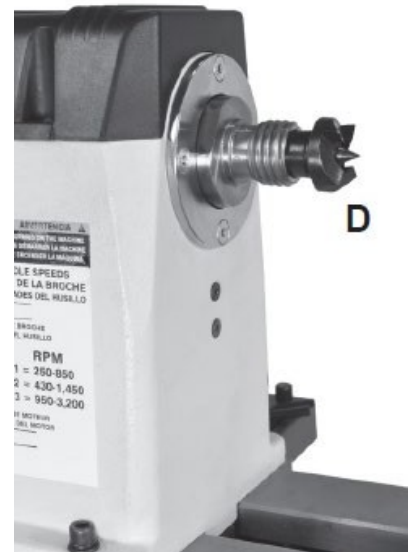


Drive Clamp

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 slot on the spindle.



6.6 ADJUSTING THE CLAMPING FORCE OF THE HANDLES

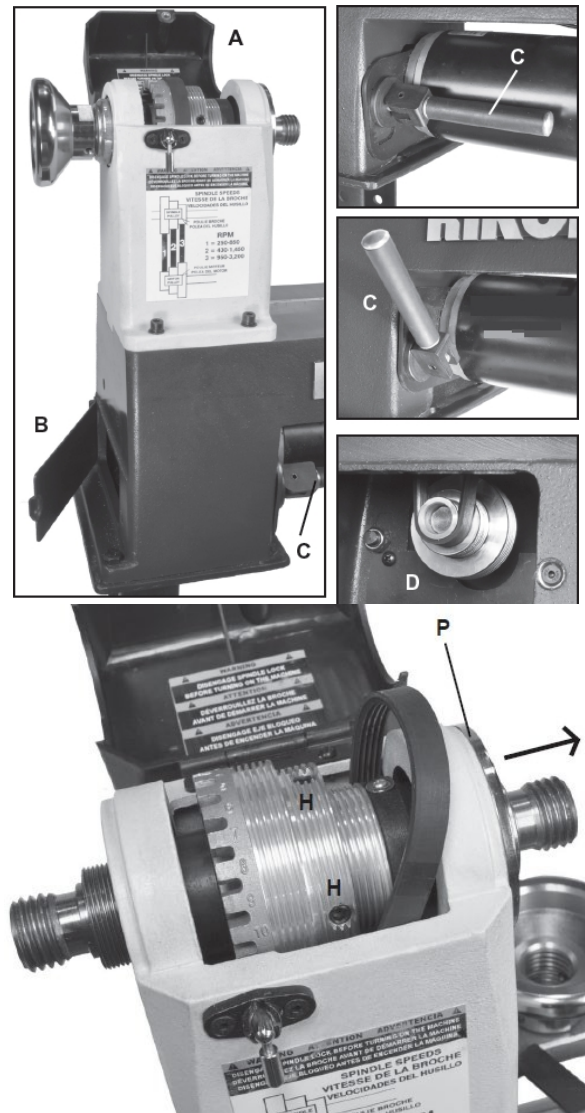
The handles are factory-set to ensure a secure grip. However, you can adjust the handles:

1. Loosen the handle (B)
2. Tighten or loosen the nut (A) using a 16mm wrench
3. Tighten the handle (B)



6.7 REPLACING THE BELT

1. Unplug the lathe from its power source
2. Remove all accessories from the spindle: drive claw, mounting plate, etc.
3. Open the top cover (A) of the headstock and the side access panel (B)
4. Release the belt tension:
 - a. Pull the handle (C) forward to unlock it
 - b. Push the handle (C) upward to release the belt tension
5. Remove the belt from the motor pulley (if you do not plan to keep the belt, it is best to cut it)
6. To remove the left flywheel, loosen the two set screws and use a 38mm flat-head wrench on the flat part of the spindle. Then loosen the flywheel by turning it counterclockwise
7. Remove the lock nut using the provided hex key, then remove the washer
8. Inside the headstock, loosen the 3 CHC screws using a 3mm hex wrench, then remove the bearing plate
9. Loosen and remove the set screws (H) that secure the pulley to the spindle (each hole contains two set screws stacked on top of each other to prevent the assembly from coming loose during use)
10. Gently tap the spindle toward the moving head using a mallet. It is recommended to use a piece of wood or plastic to avoid damaging the spindle. The pulley, spacers, bearings, and bushing assembly should slide along the spindle
11. Remove the belt from the end of the spindle and replace it with the new one
12. Reinstall the spindle and all the parts that were removed
13. Reassemble the other parts of the headstock by reversing the previous steps
14. Secure the pulley to the spindle using the set screws. It is important to ensure that the set screws are pressed against the flat spots on the spindle to prevent slipping
15. Position the belt on the pulleys and retension the belt as explained in section 7.5



7 UTILISATION

Before beginning work on the machine:

- Before performing any operation on the machine, make sure it is complete and in good condition
- Make sure 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 collection system is connected to the machine and is operating
- Wear safety goggles. Never wear gloves
- Never touch the belt until it has come to a complete stop
- Machine only one workpiece 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), then adjust the rotation speed by turning the potentiometer (D).

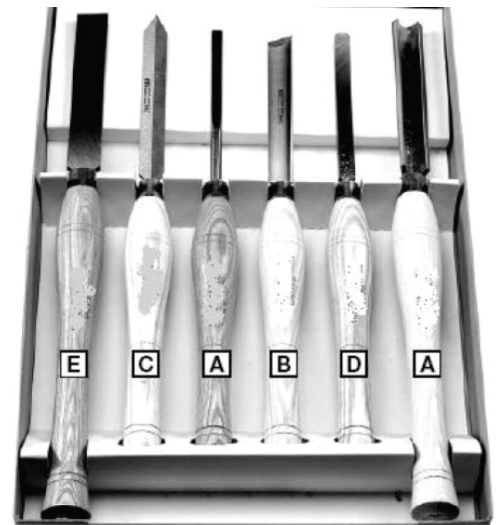
To stop the machine, press the momentary-action stop switch (B). To restart the machine after it has stopped, be sure to turn knob B) clockwise to unlock it.



7.2 TURNING TOOLS

Standard turning tools are available in a variety of configurations, but here are the main ones:

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

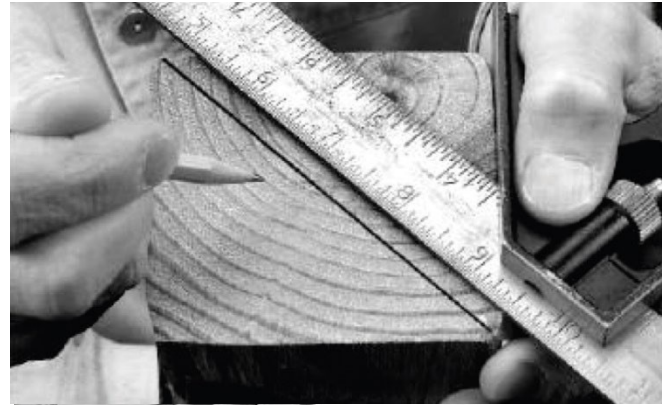


This list is not exhaustive; for more information on the various gouges and their uses, contact a tool manufacturer.

7.3 POSITIONING THE WORKPIECE

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

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

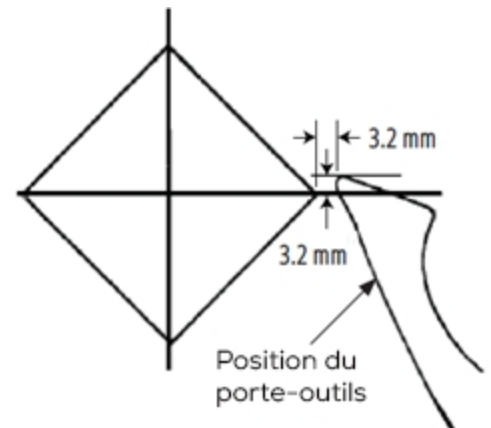


It is strongly recommended to always turn between the two centers to achieve the best results and ensure safety. The tailstock should only be removed when the right side of the workpiece needs to be machined.

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 when 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.



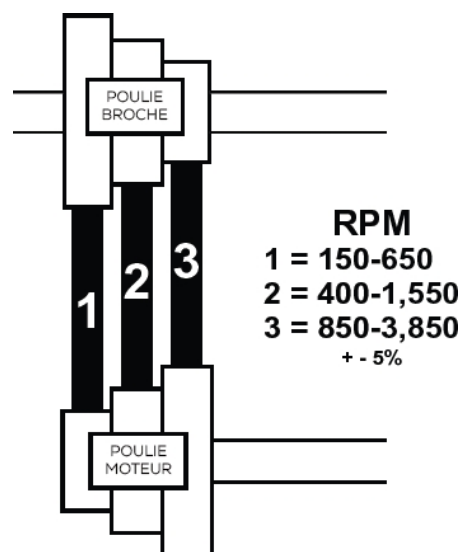
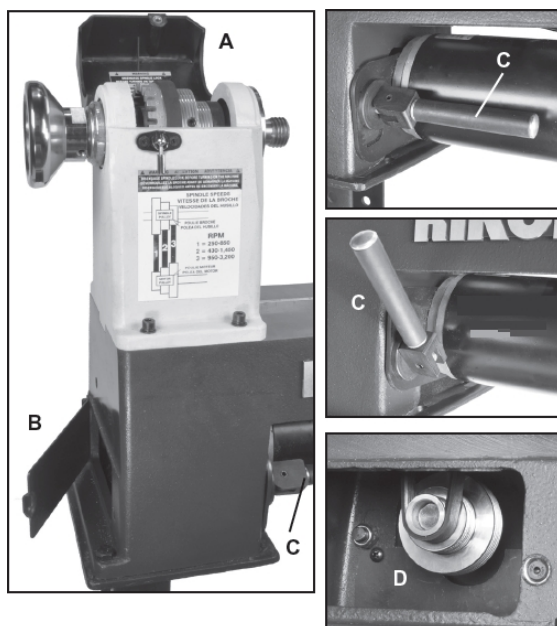
This manual is not intended to provide training in woodturning. For any instruction regarding machining techniques, consult a qualified professional or a training center.

7.5 CHANGING THE SPEED RANGE

The lathe has 3 speed ranges that can be adjusted depending on the task at hand. Range 1 offers maximum torque.

Speed range 3 provides the highest speed.

1. Unplug the lathe
2. Open the two access hatches (A) and (B) to the pulleys and belt
3. Release the belt tension:
 - a. Pull the handle (C) forward to unlock it
 - b. Push the handle (C) upward to release the belt tension
4. Position the belt on the pulleys corresponding to the desired speed range
5. Once the belt is in place, lower the motor mounting plate (D) so that the weight of the motor provides the necessary belt tension
6. Tighten the handle (C)
7. Close hatches (A) and (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 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 overall 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 microswitches switches

8.2 VARIABLE SPEED DRIVE FAULT TABLE

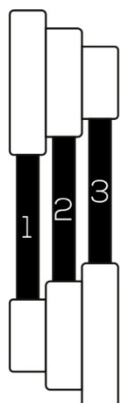
Code	Error	Solution
00	The speed display is not working	Check the electrical wiring to the display
		Check the belt. Adjust the or the belt position
02	Software protection mode; short-circuit protection	Check that the motor wiring is correct and not loose
		Turn off the machine
06	Spindle rotation direction protection mode	The spindle rotation direction has been changed during operation operation. Restart the lathe

8.3 FAULT TABLE

Faults	Solutions
The machine does not start	The power switch is in the "OFF" position
	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 engine stalls or won't start	Reduce the cutting depth
	Check the belt tension and condition
	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 vibrations	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 tailstock moves	Do not press the tailstock too tightly against the workpiece
	Tighten the locking handle on the tailstock
	Remove the tailstock and clean the bed with a degreaser
The tool holder won't 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
The tools tend to get stuck during cutting	Sharpen the tools
	Adjust the tool holder to the correct height
	Adjust the tool holder to the correct distance
	Use the correct tool for the task at hand

8.4 DESCRIPTION OF THE PICTOGRAMS USED ON THE MACHINE

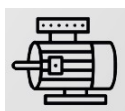
A. Direction of rotation



1 : 150 - 650 min⁻¹
 2 : 400 - 1550 min⁻¹
 3 : 850 - 3850 min⁻¹

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

B. Nameplate



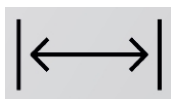
: Motor specifications: power, voltage, frequency, amperage



: Machine weight



: Rotational speed



: Distance between centers



: Maximum machinable diameter



: Machine protection rating

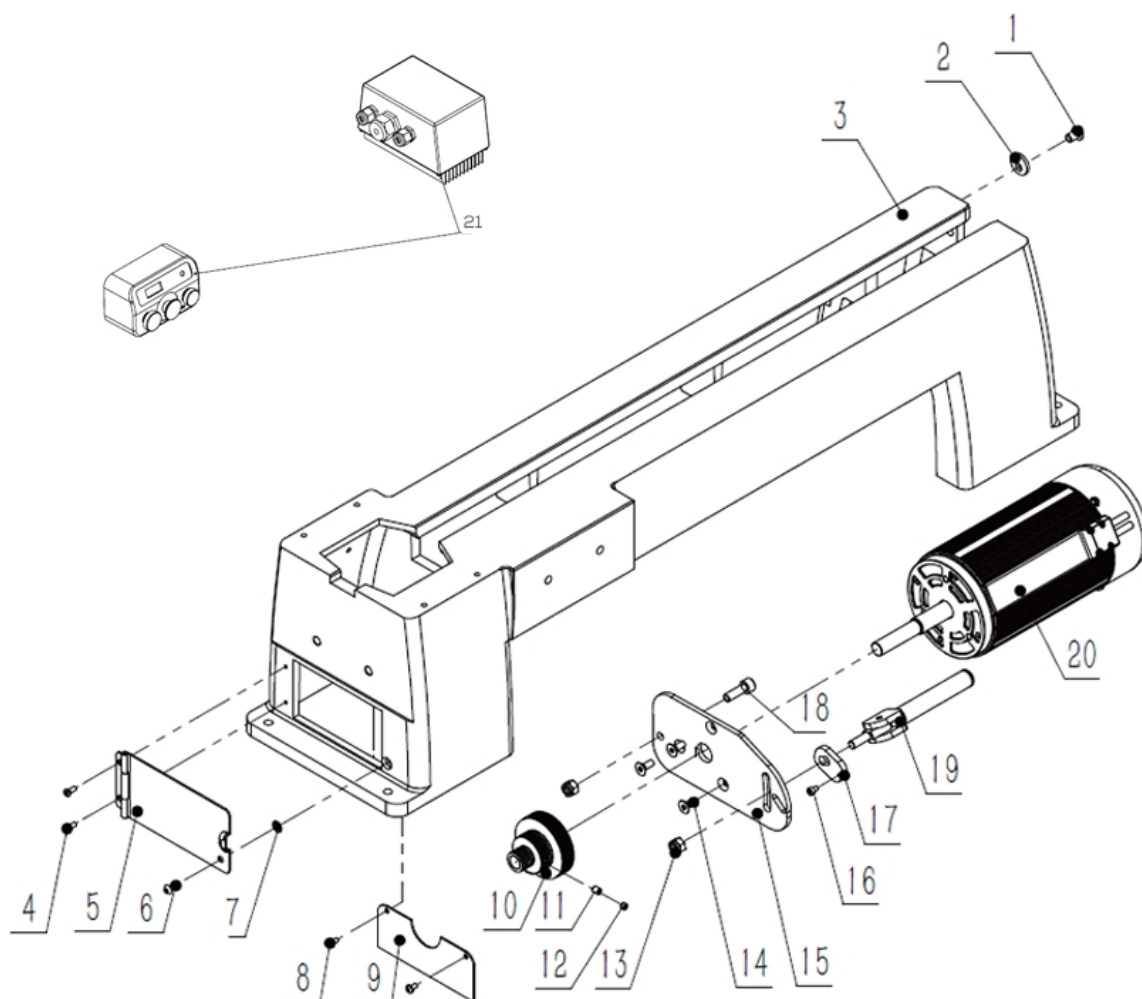
C. Maintenance



: Instructions to Follow During Maintenance

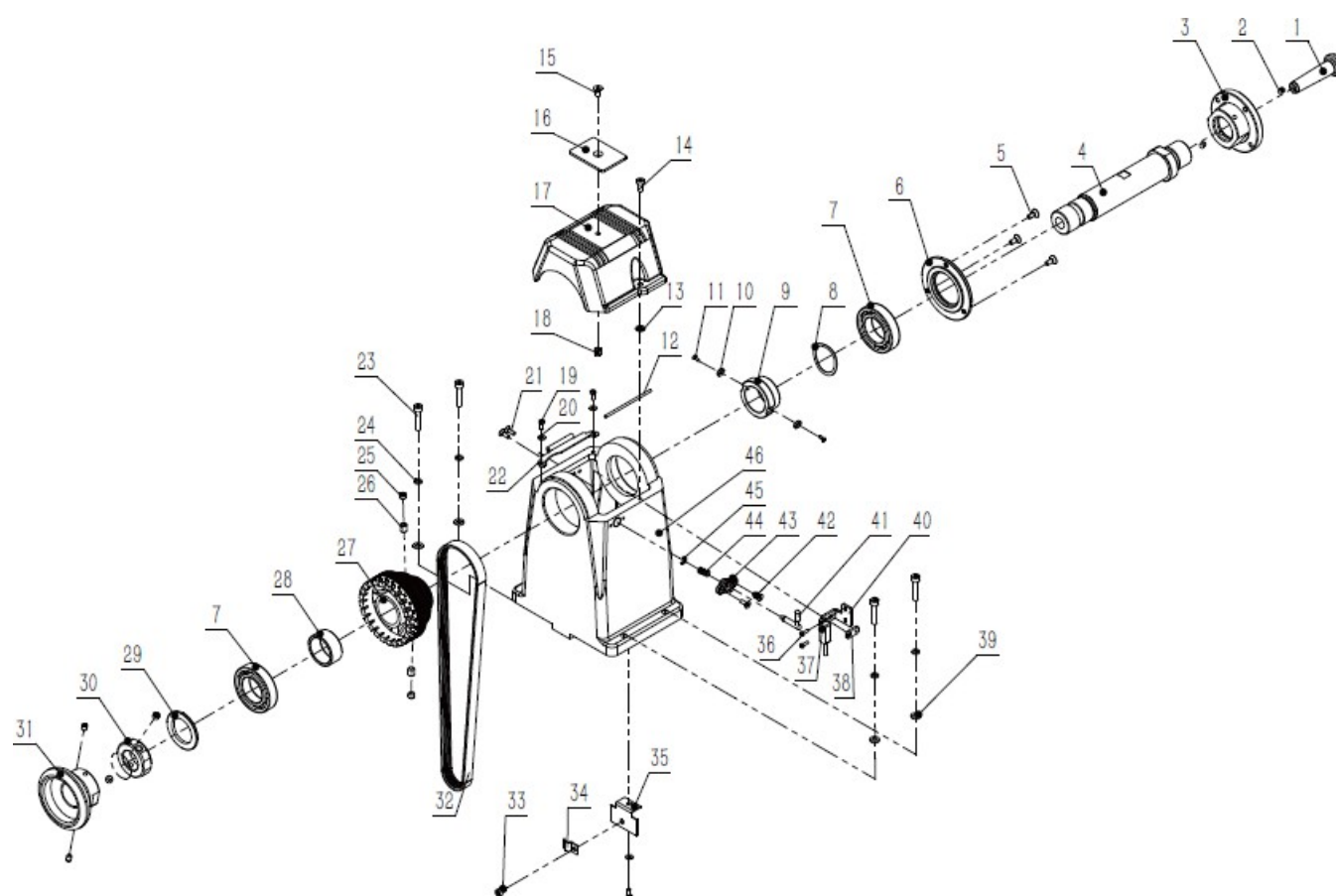
9 VUE ÉCLATÉE

Exploded View 1: Frame



Part Number	Designation	Quantity
1	H-M8 x 12 screw	1
2	Eccentric washer	1
3	Bench	1
4	TF Screw – M4 x 10	2
5	Bench cover assembly	1
6	H-screw – M5 x 10	1
7	Grower Washer	1
8	TC Screw – M4 x 8	2
9	Deflector	1
10	Motor pulley	1
11	CHC screw – M6 x 8	2
12	CHC screw – M6 x 5	2
13	Thin H nut – M8	2
14	TF CHC Screw – M6 x 16	3
15	Engine control arm	1
16	CHC screw – M4 x 5	1
17	Tension rod	1
18	CHC screw – M8 x 25	1
19	Tension handle	1
20	Motor (230V)	1
21	Controller	1

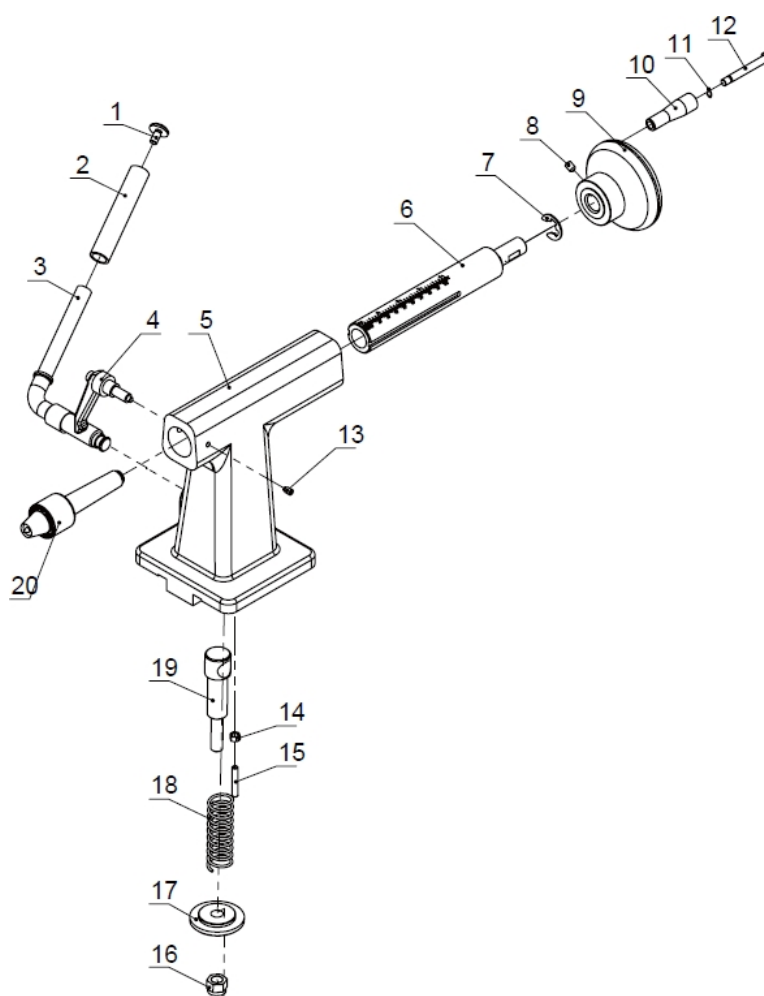
Exploded View 2: Headstock



Part Number	Description	Quantity
1	Drive pin	1
2	CHC screw – M6 x 8	4
3	Flange plate – 3"	1
4	Spindle (M33)	1
5	TF CHC Screw – M5 x 12	3
6	Bearing cover	1
7	Deep-groove ball bearing – 6007-2RS	2
8	Corrugated washer	1
9	Magnetic steel sleeve	1
10	Magnet – Ø10 x 3 x 4	2
11	Self-tapping screw – ST3 x 6	2
12	Hinge pin	1
13	Grower washer	1
14	CHC Screw – M5 x 12	1
15	CHC TF Screw – M5 x 12	1
16	Panel	1
17	Spindle box cover	1
18	Self-locking H-nut – M5	1
19	TF Screw – M4 x 10	2
20	Flat washer – Ø4	2
21	TF CHC screw – M4 x 12	1
22	Hinge	1
23	CHC screw – M6 x 30	4
24	Washer – Ø6	4
25	CHC screw – M8 x 6	2
26	CHC screw – M8 x 10	2
27	Spindle pulley	1
28	Spacer sleeve	1

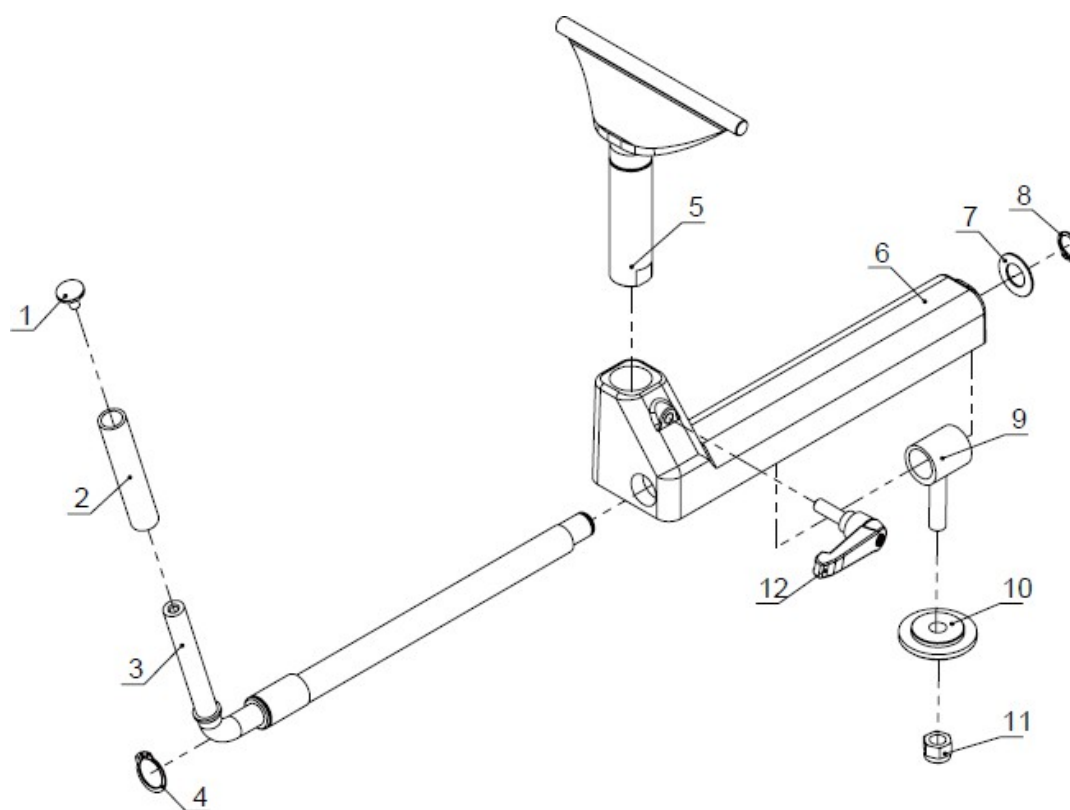
29	Large washer	1
30	Lock nut	1
31	Handwheel	1
32	Poly-V belt – 6PJ813	1
33	H-bolt – M5 x 8	1
34	Cable clamp plate	1
35	Deflector	1
36	TC Screw – M3 x 10	1
37	Tachometer display	1
38	Threaded plate	1
39	Flat washer – Ø6	4
40	Mounting plate	1
41	Positioning axis (assembly)	1
42	TF CHC screw – M4 x 12	2
43	Positioning Sleeve	1
44	Spring	1
45	Split washer – Ø5	1
46	Spindle housing	1

Exploded view 3: Moving headstock



Part No.	Description	Quantity
1	Threaded cap	1
2	Handle sleeve	1
3	Tailstock locking lever	1
4	Clamping handle – M8 x 63 x 20	1
5	Tailstock	1
6	Axle bushing + bolt	1
7	Slotted washer – Ø12	1
8	CHC screw – M6 x 8	1
9	Handwheel	1
10	Rotary knob	1
11	Coil spring	1
12	Bolt	1
13	Grub screw – M5 x 8	1
14	H-nut – M5	1
15	Set screw – M5 x 25	1
16	H-lock nut – M10	1
17	Clamping plate	1
18	Compression spring	1
19	Threaded shaft	1
20	Rotating tip	1

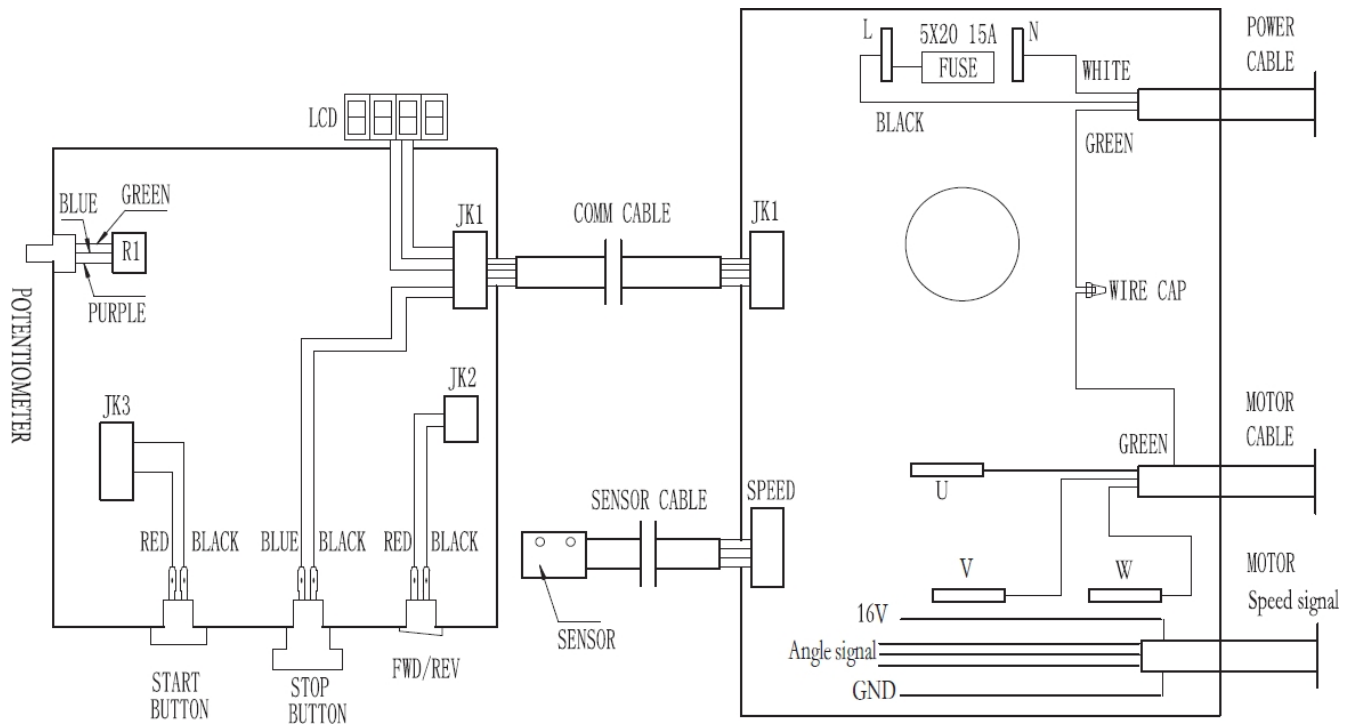
Exploded view 4: Tool holder



Part number	Description	Quantity
1	Threaded cap	1
2	Handle sleeve	1
3	Eccentric handle	1
4	Circlip – Ø21	1
5	8" Tool Holder	1
6	Tool base	1
7	Ball-retaining washer – Ø15 x 28	1
8	Circlip – Ø15	1
9	Threaded shaft + sleeve	1
10	Clamping plate	1
11	H-lock nut – M10	1
12	Clamping handle – M8 x 63 x 25	1

10 SCHÉMA ÉLECTRIQUE

PTB355V ELECTRICAL DIAGRAM



11 NIVEAU SONORE

The noise level emitted by this machine during operation depends 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:
L_{WA} = 72 dB(A)
- Sound pressure level:
L_{pA} = 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. This estimate indicates that, based on the obtained values, the margin of error is approximately 3 dB(A).

The values given 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 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 should not be mixed with other waste.

This ensures that the machines are recycled under the best possible conditions, in accordance with the European Directive 2012/19/EU on waste electrical and electronic equipment (WEEE).

Contact your local city hall or your retailer to find out where the nearest collection points for used appliances 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 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:



CE “ORIGINAL” DECLARATION OF CONFORMITY

The undersigned (Manufacturer/Importer):

TIVOLY

266 ROUTE PORTES DE TARENTEISE 73790 TOURS-EN-SAVOIE

Hereby declares that the following new machine:

- Description: **WOOD TURNING LATHE**
- Brand: **PEUGEOT PROFESSIONAL TOOLS**
- Model: **PTB355V**
- Part Number: **PPM00900002**
- 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**

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,
General Manager



Person authorized to compile the technical file:

- **M. LE MOUNIER – TIVOLY – 266 ROUTE PORTES DE TARENTEISE 73790 TOURS-EN-SAVOIE**

	TIVOLY: Corporate Headquarters: 266 ROUTE PORTES DE TARENTEISE 73790 TOURS-EN-SAVOIE www.peugeot-outils-pro.com 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.	CUSTOMER SERVICE Phone: +33(0)4 79 89 59 00 June 2026 Edition Manual PTB355V
---	---	--