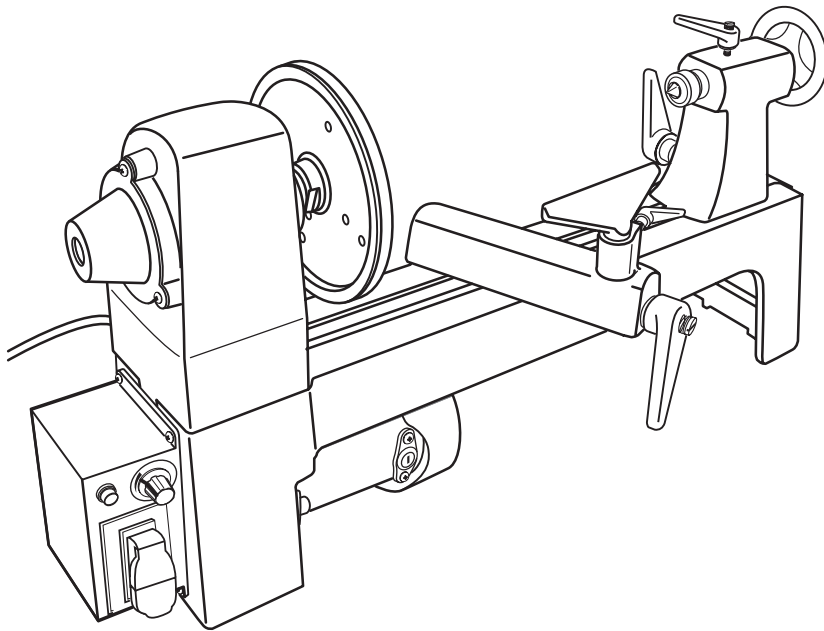


model no. 055-4504-8

**Mastercraft™**

## MINI WOOD LATHE



### **IMPORTANT:**

Please read this manual carefully before running this mini wood lathe and save it for reference.

**INSTRUCTION  
MANUAL**

TABLE OF CONTENTS

Quick Start Guide	4
Specifications	5
Safety Guidelines	6-10
Know Your Mini Wood Lathe	11-13
Assembly Instructions	14-18
Operating Instructions	19-20
Maintenance	21
Troubleshooting	22
Exploded View	23
Parts List	24-25
Warranty	26

NOTE:

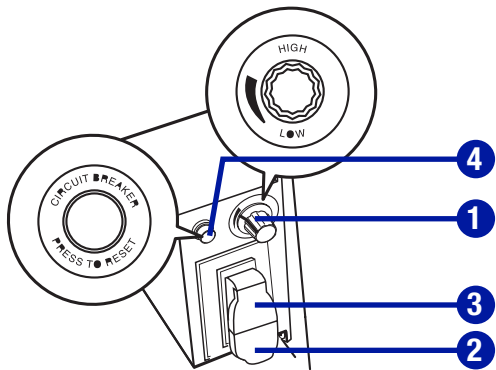
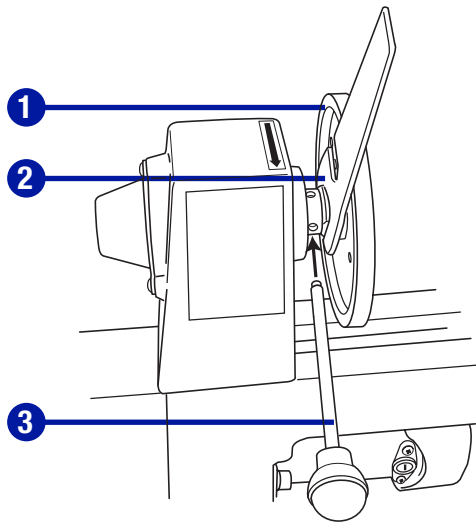
If any parts are missing or damaged, or if you have any questions, please call our toll-free helpline at 1-800-689-9928



SAVE THESE INSTRUCTIONS

This manual contains important safety and operating instructions. Read all instructions and follow them when using this product.

- 1
- When installing the faceplate (1), thread it onto the end of the headstock spindle and hand tighten.
  - Place the wrench (2) over the flats on the faceplate.
  - Insert the tip of the push-out rod (3) into one of the slots in the side of the headstock spindle.
- ➔ see page 17



- 2
- After the lathe is started, turning the knob clockwise will increase spindle speed (to the maximum RPM). Turning the knob counter-clockwise will decrease spindle speed (to the minimum RPM).
  - Adjust the knob until the desired workpiece rotation speed is reached.
- ➔ see page 19

SPECIFICATIONS

Motor	120 V AC, 60 Hz, 3 A, 1/3 HP
Speeds	500-3500 RPM
Switch	Removable key type
Distance between centres	12" (30 cm)
Swing-over bed	8" (20 cm)
Drive spindle	1" (2.5 cm) 8 TPI thread
Drive spindle through hole	3/8" (10 mm)
Tailstock spindle through hole	3/8" (10 mm)
Tailstock spindle travel	1 1/2" (4 cm)
Headstock spur	Spur centre, Morse #1 taper
Tailstock centre	Ball bearing cap centres, Morse #1 taper
Overall dimensions	30 5/8 x 4 13/16 x 13 1/2" (77.8 x 12.2 x 34.3 cm)
Weight	43 lb (19.6 kg)

## SAFETY GUIDELINES

This manual contains information that relates to PROTECTING PERSONAL SAFETY and PREVENTING EQUIPMENT PROBLEMS. It is very important to read this manual carefully and understand it thoroughly before using the product. The symbols listed below are used to indicate this information.



### DANGER!

Potential hazard that will result in serious injury or loss of life.



### WARNING!

Potential hazard that could result in serious injury or loss of life.



### CAUTION!

Potential hazard that may result in moderate injury or damage to equipment.

**Note:** The word “**Note**” is used to inform the reader of something the operator needs to know about the tool.

## SAFETY RECOMMENDATIONS

These precautions are intended for the personal safety of the operator and others working with the operator. Failure to follow these instructions may result in a permanent loss of vision, serious personal or even fatal injury, property damage and/or tool damage. Please take time to read and understand them.

Safety is a combination of common sense, staying alert, and knowing how your mini wood lathe works.

- READ and become familiar with this entire instruction manual. Learn the tool's applications, limitations, and possible hazards.
- AVOID DANGEROUS CONDITIONS. DO NOT use power tools in wet or damp areas, and DO NOT expose them to rain. Keep work areas well lit.
- DO NOT use power tools in the presence of flammable liquids or gases.
- ALWAYS keep your work area clean, uncluttered and well lit. DO NOT work on floor surfaces that are slippery with sawdust or wax.
- KEEP BYSTANDERS AT A SAFE DISTANCE FROM the work area, especially when the tool is operating. NEVER allow children or pets near the tool.
- DO NOT FORCE THE TOOL to do a job that it was not designed to do.
- DRESS FOR SAFETY. DO NOT wear loose clothing, gloves, neckties, or jewellery (rings, watches) when operating the tool. Inappropriate clothing and items can get caught in moving parts and pull you in. ALWAYS wear non-slip footwear, and tie back long hair.
- WEAR A FACE MASK OR DUST MASK. The lathe operation produces dust.
- ALWAYS remove the power cord plug from the electric outlet when making adjustments, changing parts, cleaning, or working on the tool.



### WARNING!

To avoid mistakes that could cause serious injury, do not plug in the mini wood lathe until you have read and understood the following rules.

- KEEP GUARDS IN PLACE AND IN WORKING ORDER.
- AVOID ACCIDENTAL START-UPS. Make sure the power switch is in the Off position before plugging in the power cord.
- REMOVE ADJUSTMENT TOOLS. ALWAYS MAKE SURE all adjustment tools are removed from the lathe before turning it on.
- NEVER LEAVE A RUNNING TOOL UNATTENDED. Turn the power switch to the Off position. DO NOT leave the tool until it has come to a complete stop.
- NEVER STAND ON THE TOOL. Serious injury could result if the tool tips or is accidentally hit. DO NOT store anything above or near the tool.
- DO NOT OVERREACH. Keep proper footing and balance at all times. Wear oil-resistant, rubber-soled footwear. Keep floor clear of oil, scraps, and other debris.
- MAINTAIN TOOLS PROPERLY. ALWAYS keep tools clean and in good working order. Follow instructions for lubricating and changing accessories.
- CHECK FOR DAMAGED PARTS. Check for alignment of moving parts, jamming, breakage or any other conditions that may affect the tool's operation. Any part that is damaged should be properly repaired or replaced before use.
- MAKE WORKSHOP CHILDPROOF. Use padlocks and master switches, and ALWAYS remove the starter keys.
- DO NOT operate tool if you are under the influence of drugs, alcohol or medication that could affect your ability to use the tool properly.

## SPECIFIC SAFETY RULES FOR THE MINI WOOD LATHE

- DO not operate the lathe until it is completely assembled and installed according to the instructions.
- FOR YOUR OWN SAFETY, read the entire instruction manual before operating the lathe.
- ALWAYS WEAR eye protection.
- DO NOT wear gloves, necktie or loose clothing.
- TIGHTEN all locks before operating.
- DO NOT mount a split workpiece.
- USE the lowest speed when starting a new workpiece.
- READ the warning label attached to the lathe.
- WHEN TURNING A WORKPIECE, always rough the wood to round form at slow speed. If the lathe vibrates when running, there is a risk that the workpiece will be thrown or the tool jerked from your hands.
- ALWAYS ROTATE the workpiece by hand before turning on the motor. If the workpiece strikes the tool rest, it could split and be thrown out of the lathe.
- DO NOT allow the turning tools to bite into the wood. The wood could split or be thrown from the lathe.
- ALWAYS POSITION the tool rest above the centreline of the lathe when shaping a piece of stock.
- DO NOT operate the lathe if it is rotating in the wrong direction. The workpiece must always be rotating toward you.

- BEFORE ATTACHING a workpiece to the faceplate, always rough it out to make it as rough as possible. This minimizes vibrations while the piece is being turned. Always fasten the workpiece securely to the faceplate. Failure to do so could result in the workpiece being thrown from the lathe.
- POSITION your hands so that they will not slip onto the workpiece.
- REMOVE all loose knots in the stock before mounting it between the centres or on the faceplate.
- DO NOT LEAVE A RUNNING LATHE UNATTENDED. Leave the work area only after the motor has come to a full stop.
- HANG your turning tools on the wall beyond the tailstock end of the lathe. Do not lay them on the bench so that you must reach over the revolving workpiece to select them.
- KEEP A FIRM HOLD and remain in control of the cutting tool at all times. Take special precautions when shaping a section of stock in which knots or voids are found.
- COMPLETE the hand-sanding of all workpieces before removing them from the lathe.

#### USE SAFETY GOGGLES AND EAR PROTECTION:

ALWAYS WEAR EYE PROTECTION THAT CONFORMS WITH CUL REQUIREMENTS. FLYING DEBRIS can cause permanent eye damage.

The tool is loud and the sound can cause hearing damage. Always wear ear protection to help prevent hearing damage and loss. Failure to comply may result in moderate injury.

#### USE DUST MASK:

Some dust created by sawing contains chemicals that are known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals come from lead-based paints, crystalline silica from bricks, cement and other masonry products, arsenic and chromium from chemically treated lumber. To reduce exposure to these chemicals, work in a well-ventilated area with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.



### ELECTRICAL SAFETY

#### GROUNDING INSTRUCTIONS:

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided. If it will not fit the outlet, have the proper outlet installed by a qualified electrician.

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with a green outer surface, with or without yellow stripes, is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

Check with a qualified electrician or service technician if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded. Use only three-wire extension cords that have three-prong grounding plugs and three-pole receptacles that accept the tool's plug, as shown in Fig. 1. Repair or replace a damaged or worn cord immediately.

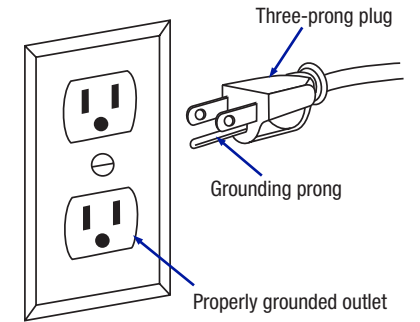


Fig. 1

#### GROUNDING INSTRUCTIONS:

- Make sure the extension cord is in good condition. When using an extension cord, be sure to use one that is heavy enough to carry the current that your product will draw. An undersized cord will cause a drop in line voltage, which will result in loss of power and overheating. The table on the next page shows the correct size to be used according to cord length and nameplate ampere rating. When in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.
- Make sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord, or have it repaired by a qualified person before using it. Protect your extension cords from sharp objects, excessive heat, and damp or wet areas.
- Use a separate electrical circuit for your tools. This circuit must consist of not less than #12 wire with a 20 A time-delayed fuse or a #14 wire with a 15 A time-delayed fuse. Before connecting the motor to the power line, make sure the switch is in the OFF position and the electric current is rated the same as the current stamped on the motor nameplate. Running at a lower voltage will damage the motor.



#### CAUTION!

In all cases, verify that the outlet in question is properly grounded. If you are not sure, have a licensed electrician check the outlet.

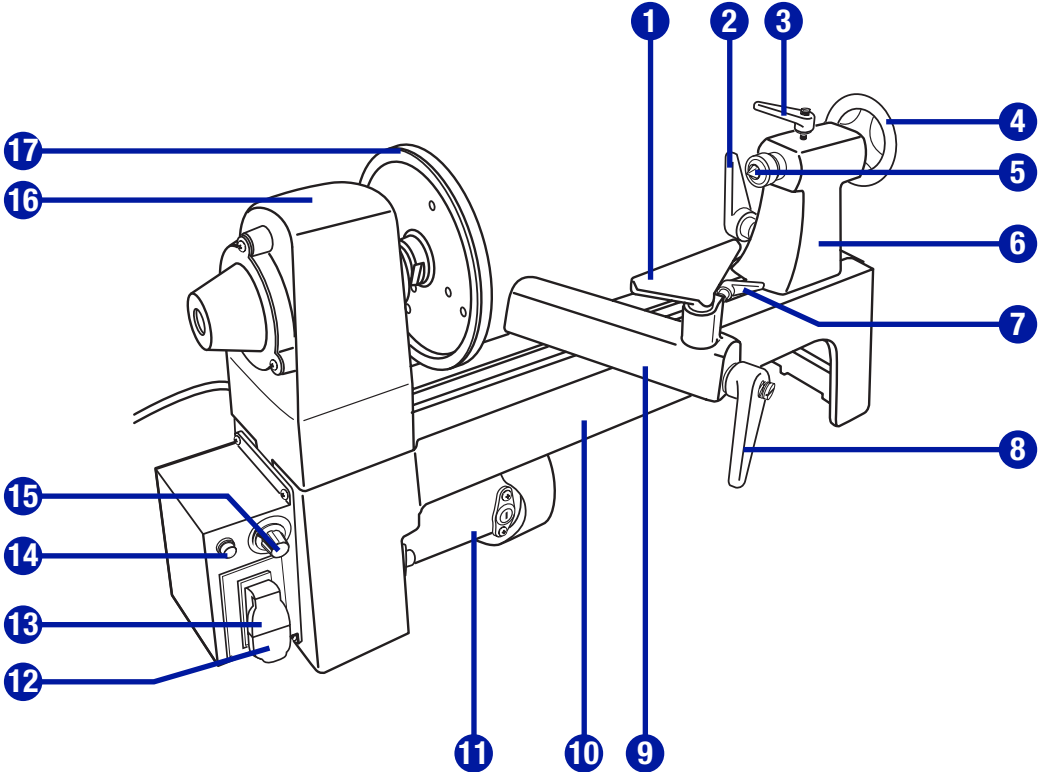


#### WARNING!

- Use the proper extension cord. Make sure to use an extension cord that is heavy enough to carry the current required by the tool. An undersized cord will cause a drop in line voltage, resulting in loss of power and overheating of the tool.
- Use the extension cord only for intended purpose. Do not pull the extension cord to remove it from the power socket.

Recommended size for extension cords

AMPERAGE RATING OF THE TOOL (120 V CIRCUIT ONLY)		TOTAL LENGTH OF THE EXTENSION CORD			
		25' (7.6 m)	50' (15.2 m)	100' (30.5 m)	150' (45.7 m)
MORE THAN	NOT MORE THAN	MINIMUM GAUGE FOR THE EXTENSION CORD (AWG)			
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not recommended	



No.	Description
1	Tool rest
2	Tailstock lock lever
3	Spindle lock lever
4	Hand wheel
5	Tailstock cup centre
6	Tailstock
7	Tool rest lock lever
8	Base lock lever
9	Tool rest base

No.	Description
10	Bed
11	Motor
12	On/Off switch
13	Safety key
14	Reset button
15	Speed control knob
16	Headstock
17	Faceplate

ON/OFF switch:

This mini wood lathe has an easy-access power switch located on the left side of the machine. To lock the switch in the Off position, remove the switch key from the switch. Place the key in a location that is inaccessible to children and others not qualified to use the tool.



WARNING!

This tool must be grounded while in use in order to protect the operator from electric shock.

NOTE:

Recycle unwanted materials rather than disposing of them as waste. Sort the tools and its components in specific categories and take them to the local recycling centre or dispose of them in an environmentally safe way.

**Between centres:**

A dimension representing the maximum length of a workpiece that can be turned between centres. Also a method of holding a workpiece by mounting it between the centres of the headstock and the tailstock spindles.

**Centre:**

A precision-ground tapered cylinder with a pointed tip and a morse taper shaft. Used in the tailstock to support the end of long workpieces. May also be used in the headstock spindle to support work between centres at both ends.

**Centreline:**

An imaginary line extending from the centre of the spindle through the centre of the tailstock ram, representing the central axis of the lathe around which the work rotates.

**Parallel cutting guide:**

Parallel cutting guide is fully adjustable for making cross cuts and using the mitre cutting guide.

**Chuck:**

A clamping device for holding work in the lathe or for holding drills in the tailstock.

**Morse taper (MT):**

A taper of specific dimensions used to mate matching male and female parts together tightly. The tailstock has a MT-1 Morse taper.

**Bed:**

Main supporting casting running the length of the lathe.

**Tool rest base:**

Movable platform where the tool rest is mounted. It can be set at an angle to the workpiece (also known as compound slide and compound rest).

**Faceplate:**

A metal plate with a flat face-mounted spindle to hold irregularly shaped work.

**Headstock:**

The main casting mounted on the left end of the bed where the spindle is mounted. Houses the spindle gears.

**Tailstock:**

Assembly that slides along the bed and can be locked in place. Used to hold long workpieces in place or to mount a drill chuck.

**Hand wheel:**

Moves the tailstock in and out.

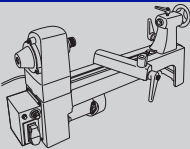
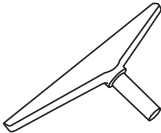
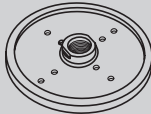



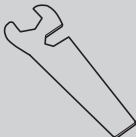

**Tool rest:**

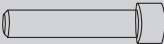


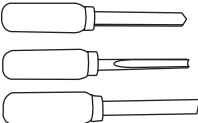
A device mounted on the compound that holds the cutting tool.

**Tailstock lock lever:**



Locks the tailstock in position. Unlock handle to position the tool rest in any location along lathe bed. Tighten lever when properly positioned.

PACKAGE CONTENTS

No.	Description	Qty	Illustration
1	Mini wood lathe assembly	1	
2	Tool rest	1	
3	Faceplate	1	
4	Push-out rod	1	
5	Headstock spur centre	1	
6	Tailstock cup centre	1	
7	Flat wrench	1	
8	3, 4, 8 mm hex keys	3	

No.	Description	Qty	Illustration
9	M10 x40 Hexagon socket bolts	3	
10	M10 Flat washers	3	
11	M10 Spring washers	3	
12	Mini chisel	3	

TOOLS NEEDED FOR ASSEMBLY

Star-head screwdriver		Wrench	
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UNPACKING

- Do not use this product if any parts of the package contents are already assembled to your product when you unpack it. Package contents are not assembled to the product by the manufacturer and require customer installation. Use of a product that may have been improperly assembled could result in serious personal injury.
- Inspect the tool carefully to make sure no breakage or damage occurred during shipping.
  - Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.
  - If any parts are damaged or missing, please call 1-800-689-9928 for assistance.

**MOUNTING THE LATHE ON A BENCH TOP (Fig. 2)**

- In a clear space on the bench top, measure and mark three hole centres as shown in Fig. 2.
- Drill clearance holes through the bench top. Position the lathe on the bench top.
- Install the bolts with washers (included in the hardware bag) from underneath the bench top into the tapped holes in the bottom of the lathe frame.

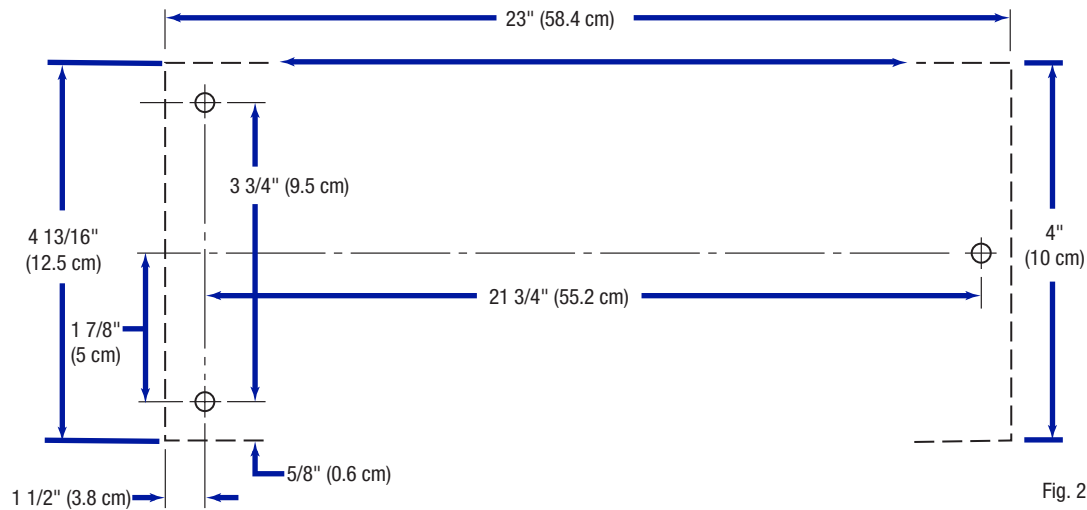


Fig. 2

**CAUTION!**

The mini lathe is heavy and must be lifted with the help of another person.

**WARNING!**

If any parts are damaged or missing do not operate this tool until the parts are replaced. Use of this product with damaged or missing parts could result in serious personal injury.

- Do not attempt to modify this tool or create accessories not recommended for use with this tool. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.
- Do not connect to power supply until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.
- Risk of injury! Always pull out the mains plug (disconnect the product from its power supply) before commencing work on the product.

**WARNING!**

The lathe must be bolted to a bench top. operating a lathe that is not bolted down may result in serious injury.

**NOTE:**

To hold the lathe securely, the bolts must engage a minimum of 1" (2.5 cm) into the frame.

**SPRING-LOADED LOCK LEVERS (Fig. 3)**

The spring-loaded lock levers for the tailstock spindle and the tool rest are of four-piece construction.

The shoulder screw (1) passes through the spring (2) and the handle lever (3). If either lock lever has come loose from the lathe or has come apart in shipping, reassemble it and thread into place.

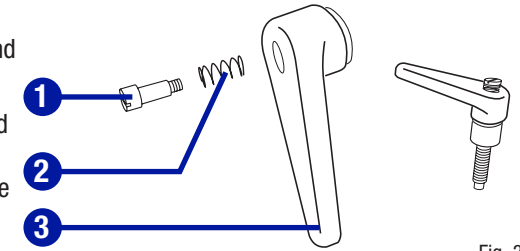


Fig. 3

**USING A FACEPLATE**

Mount the workpiece onto the faceplate with brass wood screws. Make sure the screws are not so long that they will enter the area of the workpiece where material is to be removed.

**INSTALLING OR REMOVING A FACEPLATE (Fig. 4)**

- When installing the faceplate (1), thread it onto the end of the headstock spindle and hand tighten.
- Place the wrench (2) over the flats on the faceplate.
- Insert the tip of the push-out rod (3) into one of the slots in the side of the headstock spindle.
- While gripping the push-out rod firmly, turn the wrench to either tighten or loosen the faceplate.
- Remove the push-out rod and wrench. If the faceplate is being removed, continue turning it until it comes off the spindle threads.

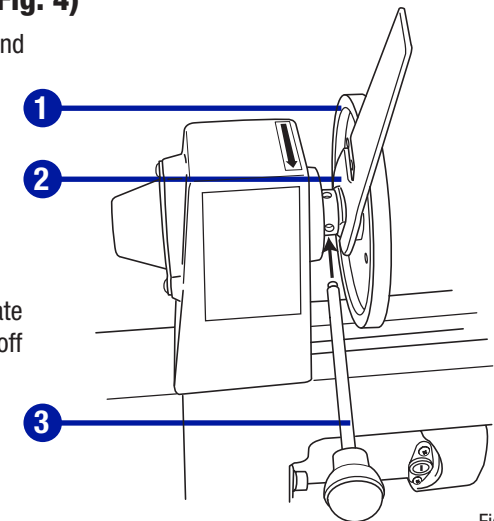


Fig. 4

**NOTE:**

The spring-loaded handles on the lathe are designed to minimize interference with other lathe parts or the workpiece. To operate, push the handle lever in and turn clockwise to tighten. Pulling the handle lever outward will disengage the threaded shaft, allowing you to reposition the lever handle so it is out of the way.

**NOTE:**

The faceplate has an open centre, so that when drilling through a workpiece from the tailstock the drill bit can go completely through the workpiece.

**NOTE:**

Since the headstock spindle is belt driven, it will turn freely if not held stationary while the faceplate is tightened or loosened.

**INSTALLING SPUR AND CENTRE (Figs. 5-6)**

- Insert the shaft of the headstock spur centre (1) into the hollow centre of the headstock spindle (Fig. 5).
- Insert the shaft of the tailstock cup centre (2) into the hollow centre of the tailstock spindle (Fig. 6).

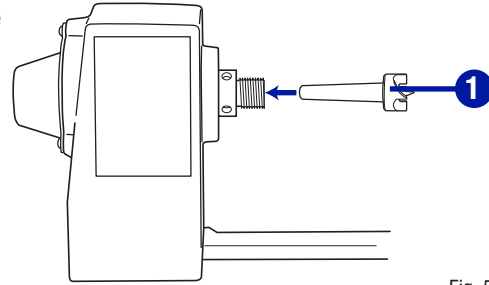


Fig. 5

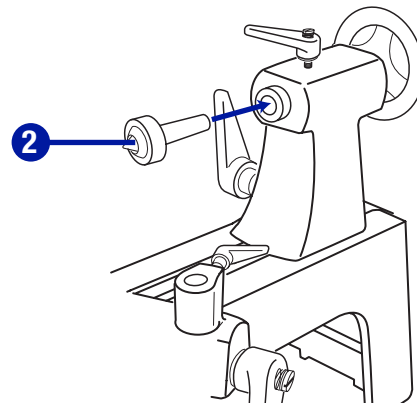


Fig. 6

**REMOVING SPUR OR CENTRE (Fig. 7)**

- Insert the push-out rod (1) into the far end of the headstock spindle or the tailstock spindle until it comes into contact with the shaft of the spur or centre.
- Tap the end of the push-out rod (1) until the spur or centre comes loose.

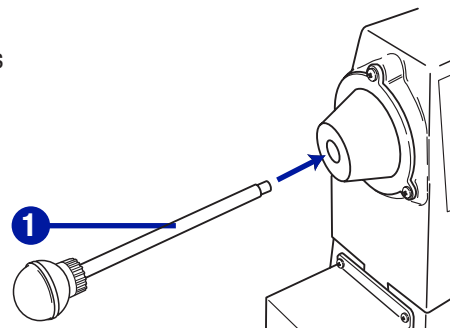


Fig. 7

**VARIABLE SPEED CONTROL BOX**

The variable speed control box contains the electrical connections to the motor, and has three external controls—speed control knob, On/Off switch, and the circuit-breaker reset button.

**SPEED CONTROL KNOB (Fig. 8)**

The speed control knob (1) is used to set the speed of the lathe to suit the weight of the workpiece or the type of tool being used.

- After the lathe is started, turning the knob clockwise will increase spindle speed (to the maximum RPM). Turning the knob counter-clockwise will decrease spindle speed (to the minimum RPM).
- Adjust the knob until the desired workpiece rotation speed is reached.

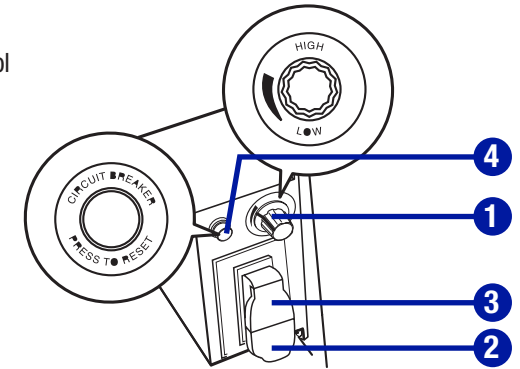


Fig. 8

**ON/OFF SWITCH (Fig. 8)**

The On/Off switch (2) controls application of electrical power to the lathe's motor. The safety key (3) must be placed in the switch before the switch will operate.

- Move the switch to the On position to start the motor. Electric current is immediately applied to the motor. Wait for the one- to three-second delay in activation before the motor begins to drive the headstock spindle. The time it takes for the motor to reach the speed set by the speed control knob depends on the size and weight of the workpiece.
- Move the switch to the Off position to stop the motor. Electric current is immediately disconnected, but the spindle and workpiece will continue to spin for a few seconds.

**NOTE:**

The safety key (3) can be removed from the switch when it is in the Off position. With the key removed, the switch is locked in that position and the lathe cannot be started. Store the key in a safe place when the lathe is left idle (Fig. 8).

**CAUTION!**

Never leave the lathe unattended until it has come to a complete stop.

**WARNING!**

If the motor shuts off unexpectedly, unplug the lathe from the power source, make sure the On/Off switch is in the Off position, and allow the motor to cool down before attempting to restart the lathe. Overheating may be caused by misaligned parts or a dull chisel. Inspect the lathe for proper set-up before using it again.

**WARNING!**

Do not operate the lathe until it is completely assembled and adjusted according to the instructions.

**RESET BUTTON (Fig. 8)**

The reset button (4) will restart the motor after the motor shuts off due to overloading or low voltage. If the motor stops during operation:

- Turn the On/Off switch (1) to the Off position and wait about five minutes for the motor to cool.
- Press the reset button (4). Turn the switch (1) to the On position.

**TAILSTOCK (Fig. 9)**

- Move the tailstock (5) by loosening the lock lever (1) and pushing the tailstock to the desired position on the bed. Lock by tightening the lock lever (1).
- The spindle can extend up to 2 1/2" (6.35 cm) from the tailstock housing. Move the tailstock spindle (4) by loosening the spindle lock lever (2) and then turning the hand wheel (3). Turning the hand wheel clockwise extends the spindle; turning it counter-clockwise retracts the spindle. Lock levers (1) and (2) before operating the lathe.
- The tailstock spindle is hollow and can be accessed from the handwheel end. Use the push-out rod to remove the centre cup or to drill holes through the centre of a workpiece on a faceplate.

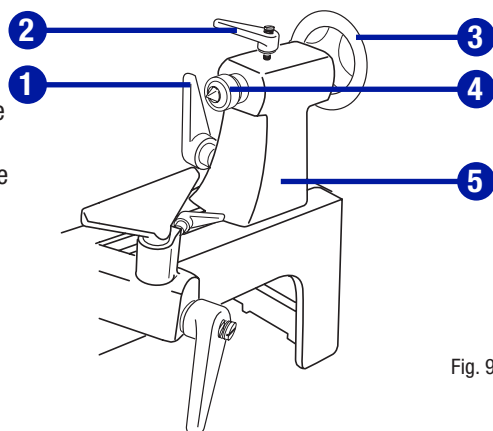


Fig. 9

**TOOL REST (Fig. 10)**

- To move the tool rest base (1), loosen the lock lever (4), and move the base to the right or left and back or front. Tighten the lever (4) when the tool rest base is in the desired position.
- To adjust the angle of the tool rest (2), loosen the lock lever (3), move the tool rest to the desired position, and tighten the lock lever.
- To change to the other tool rest, loosen the lock lever (3) and pull the tool rest (2) out of the tool rest base, insert the other tool rest, adjust to desired position, and tighten the lock lever (3).

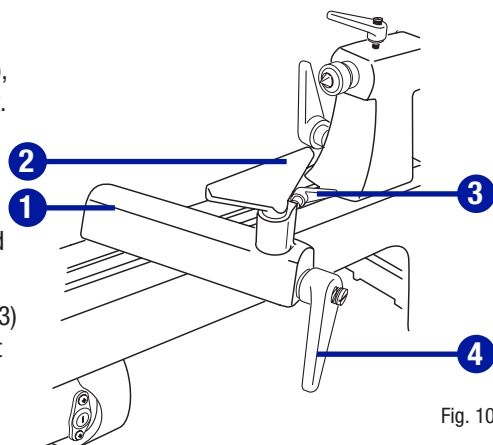


Fig. 10

**GENERAL MAINTENANCE**

- Blow out dust accumulation inside the motor, housing, and bed assembly frequently. If the tailstock has been used as a guide for drilling through the centre of a workpiece, also blow sawdust or shavings out of the centre of both spindles.
- A coat of automotive wax applied to the bed will help keep the surface clean and the movement of the tool rest and tailstock smooth.
- Periodic lubrication of the spring levers and other threaded parts will make these parts easier to operate.

**CAUTION!**

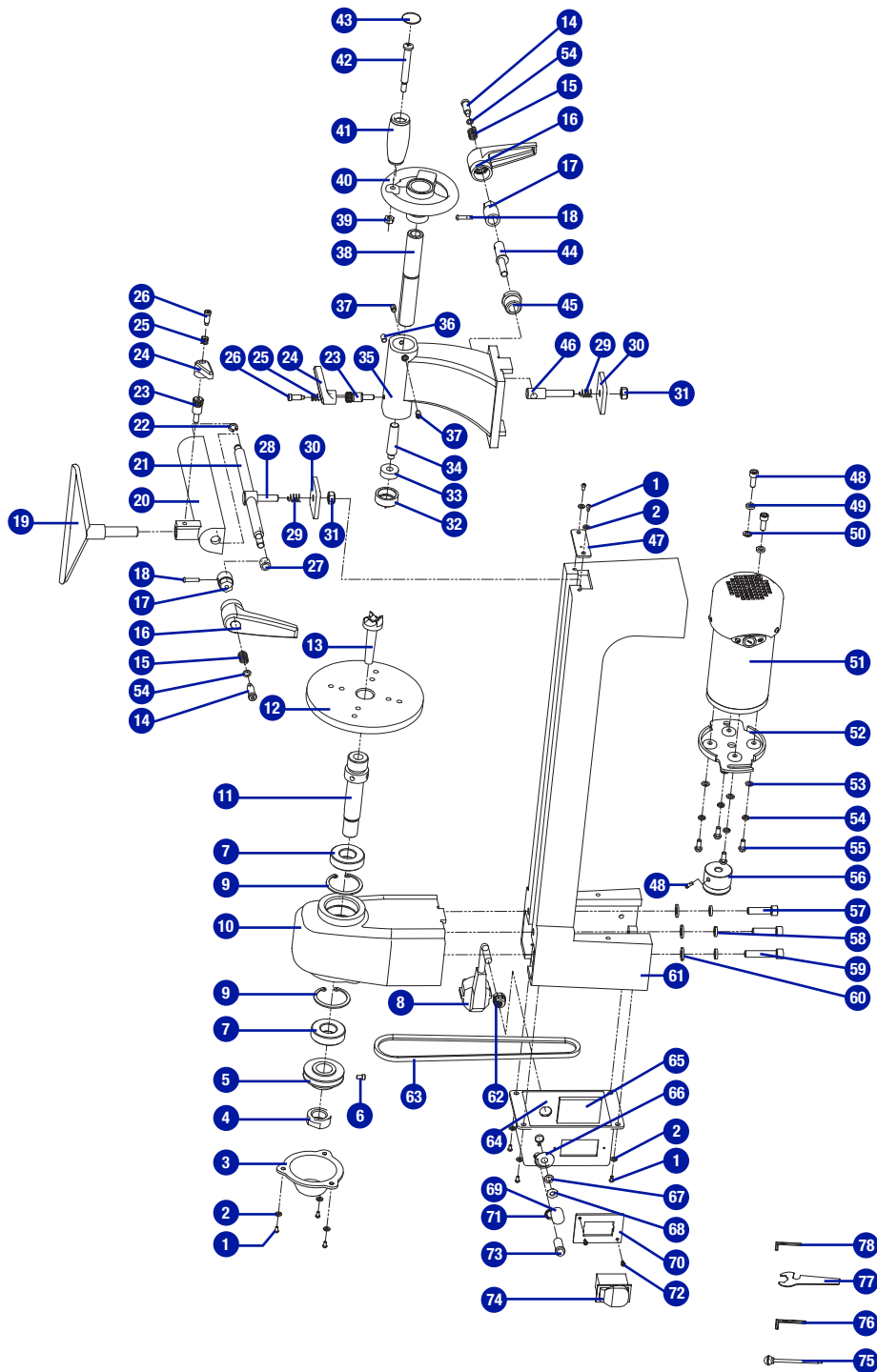
Make sure the tool rest is adjusted to be as close to the workpiece as possible. rotate the workpiece by hand to check clearance before starting the lathe.

**WARNING!**

For your safety, turn the switch off and remove the plug from the power source before performing maintenance or lubrication work on the lathe.

TROUBLESHOOTING

PROBLEM	Possible Causes	Solution
Quality of cut is poor.	<ul style="list-style-type: none"><li>• Cutting tool is above workpiece centre line.</li><li>• Lathe speed too slow.</li><li>• Cutting tool is dull.</li><li>• Cutting too aggressively.</li></ul>	<ul style="list-style-type: none"><li>• Lower cutting tool to centre line of workpiece.</li><li>• Increase lathe speed.</li><li>• Sharpen or replace cutting tool.</li><li>• Use a lighter touch.</li></ul>
Excessive vibration when turning thin workpieces.	<ul style="list-style-type: none"><li>• Cutting tool is positioned below workpiece centre line.</li><li>• Cutting too aggressively.</li></ul>	<ul style="list-style-type: none"><li>• Raise cutting tool to centre line of workpiece.</li><li>• Use a lighter touch.</li></ul>
Excessive vibration when turning larger workpieces or bowls.	<ul style="list-style-type: none"><li>• Headstock and/or tailstock improperly located at ends of workpiece.</li><li>• Workpiece is unbalanced.</li></ul>	<ul style="list-style-type: none"><li>• Check for proper workpiece centres.</li><li>• Cut off stock until workpiece is balanced.</li></ul>
Lathe will not turn on.	<ul style="list-style-type: none"><li>• Speed control lever not in its lowest speed setting.</li><li>• Electrical outlet not working or is of wrong voltage.</li><li>• Blown fuse or tripped circuit breaker.</li></ul>	<ul style="list-style-type: none"><li>• Make sure speed control lever is turned to its lowest speed setting.</li><li>• Make sure lathe is plugged into a working, 120 V, grounded, electrical outlet.</li><li>• Replace fuse or reset circuit breaker.</li></ul>
Lathe will not turn off.	<ul style="list-style-type: none"><li>• Damaged or faulty power switch and/or internal wiring.</li></ul>	<ul style="list-style-type: none"><li>• Unplug the lathe from its electrical outlet immediately. Do not operate lathe until it is repaired by a qualified service technician.</li></ul>



PARTS LIST

No.	Description	Qty	No.	Description	Qty
1	Screw M4x8	9	32	Cap centre	1
2	Flat washer 4	9	33	Bearing 608	1
3	Cover	1	34	Cap centre rod	1
4	Nut	1	35	Tailstock	1
5	Pulley	1	36	Screw M6x10	1
6	Screw M5x10	1	37	Screw M6x10	2
7	Bearing 6004-2Z	2	38	Tailstock spindle	1
8	Power cable	1	39	Nut M6	1
9	Retainer 42	2	40	Wheel	1
10	Headstock	1	41	Handle	1
11	Spindle	1	42	Screw	1
12	Faceplate	1	43	Handle cap	1
13	Spur centre	1	44	Eccentricity shaft (B)	1
14	Hex bolt M4	2	45	Threaded sleeve	1
15	Compression spring	2	46	Threaded rod (B)	1
16	Handle	2	47	Plate	1
17	Jointer	1	48	Hex bolt M6x16	2
18	Screw M4x14	2	49	Spring washer 6	2
19	Tool rest	1	50	Flat washer 6	2
20	Tool rest support	1	51	Motor	1
21	Eccentricity shaft (A)	1	52	Fix plate	1
22	Retainer (B)	1	53	Flat washer 5	4
23	Bolt	2	54	Spring washer 5	4
24	Handle	2	55	Screw M5x12	4
25	Compression spring	2	56	Pulley	1
26	Screw M4	1	57	Hex bolt M8x30	2
27	Shaft sleeve	1	58	Spring washer 8	3
28	Threaded rod (A)	1	59	Hex bolt M8x40	1
29	Compression spring	2	60	Flat washer 8	3
30	Side block	2	61	Tool bed	1
31	Nut M8	2	62	Clip	1

No.	Description	Qty	No.	Description	Qty
63	Belt	1	71	Overload label	1
64	Switch box	1	72	Tapping screw ST3.5X12	2
65	Printed circuit board	1	73	Overload protector	1
66	Rotation label	1	74	Switch	1
67	Flat washer 7	1	75	Push-out rod	1
68	Nut M7	1	76	3mm Hex key	1
69	Adjustable knob	1	77	Wrench	1
70	Switch fix plate	1	78	4mm Hex key	1

### 3-Year Limited Warranty

This Mastercraft product is guaranteed for a period of **3 years** from the date of original retail purchase against defects in workmanship and materials, except for the following component:

Component A: Accessories, which are guaranteed for a period of 1-year from the date of original retail purchase against defects in workmanship and materials.

Subject to the conditions and limitations described below, this product, if returned to us with proof of purchase within the stated warranty period and if covered under this warranty, will be repaired or replaced (with the same model, or one of equal value or specification), at our option. We will bear the cost of any repair or replacement and any costs of labour relating thereto.

#### These warranties are subject to the following conditions and limitations:

- a. a bill of sale verifying the purchase and purchase date must be provided;
- b. this warranty will not apply to any product or part thereof which is worn or broken or which has become inoperative due to abuse, misuse, accidental damage, neglect or lack of proper installation, operation or maintenance (as outlined in the applicable owner's manual or operating instructions) or which is being used for industrial, professional, commercial or rental purposes;
- c. this warranty will not apply to normal wear and tear or to expendable parts or accessories that may be supplied with the product that are expected to become inoperative or unusable after a seasonable period of use;
- d. this warranty will not apply to routine maintenance and consumable items such as, but not limited to, fuel, lubricants, vacuum bags, blades, belts, sandpaper, bits, fluids, tune-ups or adjustments;
- e. this warranty will not apply where damage is caused by repairs made or attempted by others (i.e. persons not authorized by the manufacturer);
- f. this warranty will not apply to any product that was sold to the original purchaser as a reconditioned or refurbished product (unless otherwise specified in writing);
- g. this warranty will not apply to any product or part thereof if any part from another manufacturer is installed therein or any repairs or alterations have been made or attempted by unauthorized persons;
- h. this warranty will not apply to normal deterioration of the exterior finish, such as, but not limited to, scratches, dents, paint chips, or to any corrosion or discolouring by heat, abrasive and chemical cleaners; and
- i. this warranty will not apply to component parts sold by and identified as the product of another company, which shall be covered under the product manufacturer's warranty, if any.

#### Additional Limitations

This warranty applies only to the original purchaser and may not be transferred. Neither the retailer nor the manufacturer shall be liable for any other expense, loss or damage, including, without limitation, any indirect, incidental, consequential or exemplary damages arising in connection with the sale, use or inability to use this product.

#### Notice to Consumer

This warranty gives you specific legal rights, and you may have other rights, which may vary from province to province. The provisions contained in this warranty are not intended to limit, modify, take away from, disclaim or exclude any statutory warranties set forth in any applicable provincial or federal legislation.

**This product is not meant for industrial or commercial purposes. This product is for household projects, read manual carefully**

Made in China

Imported by Mastercraft Canada Toronto, Canada M4S 2B8