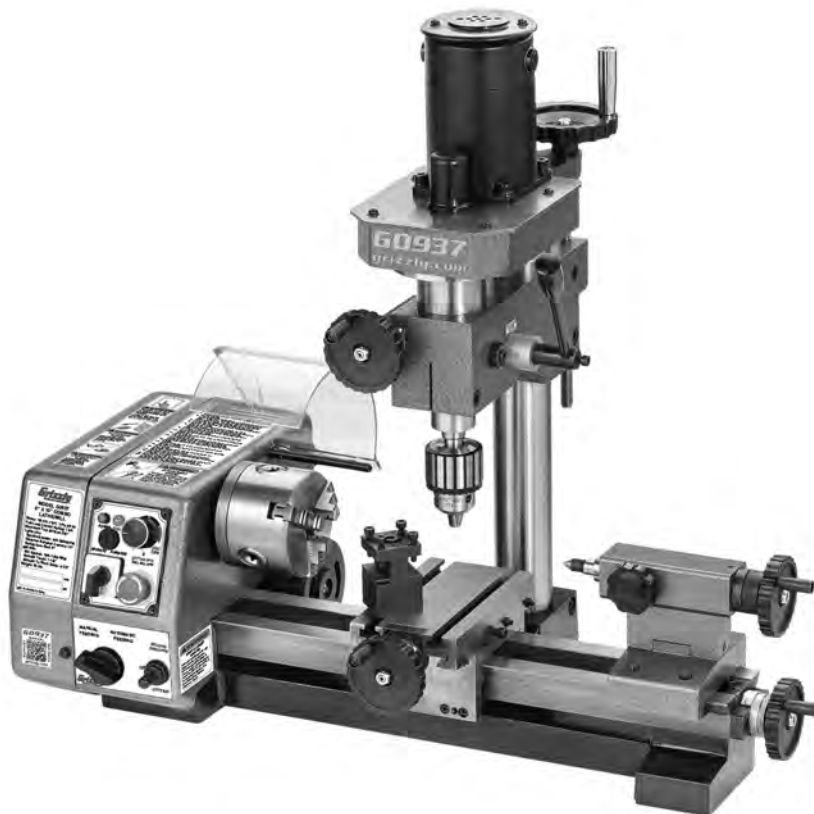




MODEL G0937
6" X 10" COMBO LATHE/MILL
OWNER'S MANUAL
(For models manufactured since 12/20)





WARNING!

This manual provides critical safety instructions on the proper setup, operation, maintenance, and service of this machine/tool. Save this document, refer to it often, and use it to instruct other operators.

Failure to read, understand and follow the instructions in this manual may result in fire or serious personal injury—including amputation, electrocution, or death.

The owner of this machine/tool is solely responsible for its safe use. This responsibility includes but is not limited to proper installation in a safe environment, personnel training and usage authorization, proper inspection and maintenance, manual availability and comprehension, application of safety devices, cutting/sanding/grinding tool integrity, and the usage of personal protective equipment.

The manufacturer will not be held liable for injury or property damage from negligence, improper training, machine modifications or misuse.



WARNING!

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- **Lead from lead-based paints.**
- **Crystalline silica from bricks, cement and other masonry products.**
- **Arsenic and chromium from chemically-treated lumber.**

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: Work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

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MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

MODEL G0937 6" X 10" COMBO LATHE/MILL

Product Dimensions:

Weight..... 99 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 24-1/2 x 21 x 22-1/2 in.
Footprint (Length x Width)..... 22 x 10 in.

Shipping Dimensions:

Carton #1

Type..... Cardboard Box
Content..... Lathe
Weight..... 64 lbs.
Length x Width x Height..... 27 x 14 x 12 in.
Must Ship Upright..... Yes

Carton #2

Type..... Cardboard Box
Content..... Mill
Weight..... 42 lbs.
Length x Width x Height..... 21 x 14 x 10 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz
Full-Load Current Rating..... 1.8A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 72 in.
Power Cord Gauge..... 18 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... Forward/Reverse & Button Switches

Motors:

Lathe

Horsepower..... 1/5 HP
Phase..... Single-Phase
Amps..... 1.8A
Speed..... 4000 RPM
Type..... Universal (DC)
Power Transfer Belt
Bearings..... Shielded & Permanently Lubricated

Mill

Horsepower..... 1/5 HP
Phase..... Single-Phase
Amps..... 1.8A
Speed..... 4000 RPM
Type..... Universal (DC)
Power Transfer Direct
Bearings..... Shielded & Permanently Lubricated

Main Specifications:

Lathe Info

Swing Over Bed.....	6 in.
Distance Between Centers.....	10 in.
Swing Over Cross Slide.....	3 in.
Maximum Tool Bit Size.....	5/16 in.
Carriage Travel.....	7 in.
Cross Slide Travel.....	2-7/8 in.
Spindle Bore.....	11/32 in.
Spindle Taper.....	MT#2
Number Of Spindle Speeds.....	Variable
Spindle Speeds.....	100 - 2000 RPM
Spindle Type.....	Intrinsic Back Plate
Spindle Bearings.....	Tapered-Roller
Spindle Length.....	6 in.
Spindle Length with 3-Jaw Chuck.....	8-5/8 in.
Tailstock Quill Travel.....	1 in.
Tailstock Taper.....	MT#1
Tailstock Barrel Diameter.....	3/4 in.
Number of Inch Threads.....	5
Range of Inch Threads.....	16 - 24 TPI

Mill Info

Mill Taper.....	JT2
Mill Spindle Travel.....	1-1/8 in.
Mill Swing.....	4 in.
Distance Spindle To Work Table.....	4-1/2 in.
Maximum Tool Bit Size.....	3/8 in.
Drilling Capacity For Steel.....	8mm
Drilling Capacity For Cast Iron.....	10mm
Number of T-Slots.....	2
T-Slot Size.....	5/16 in.
T-Slot Centers.....	2 in.
Drawbar Diameter.....	3/8 in.
Drawbar TPI.....	16 TPI
Drawbar Length.....	5-7/8 in.
Mill Speed Range.....	100 - 1300 RPM

Construction

Bed.....	Precision-Ground Cast Iron
Headstock.....	Cast Iron
Body.....	Cast Iron
End Gears.....	Acetal
Paint Type/Finish.....	Powder Coated

Other

Bed Width.....	2-5/8 in.
Carriage Leadscrew Diameter.....	3/8 in.
Carriage Leadscrew TPI.....	16 TPI
Carriage Leadscrew Length.....	19-3/16 in.

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	30 Minutes
Serial Number Location	ID Label
Sound Rating	80 dB
ISO 9001 Factory	Yes

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS AND WARNINGS BEFORE USING THIS TOOL

Operator

COMMON SENSE AND CAUTION ARE FACTORS WHICH CANNOT BE BUILT INTO ANY PRODUCT. THESE FACTORS MUST BE SUPPLIED BY THE OPERATOR. PLEASE REMEMBER:

1. When using electric tools, machines, or equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury.
2. Keep work area clean. Cluttered areas invite injuries.
3. Consider work area conditions. Do not use machines or power tools in damp, wet, or poorly lit locations. Do not expose equipment to rain and keep work area well-lit. Do not use tools in the presence of flammable gases or liquids.
4. Keep children away from the work area.
5. Guard against electric shock. Prevent body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerator enclosures.
6. Stay alert. Never operate if you are tired.
7. Do not operate the machine if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes might be impaired.
8. Do not wear loose clothing or jewelry as they can be caught in moving parts. Wear a restrictive hair covering to contain long hair.
9. Always use eye and ear protection when operating machine.
10. Keep proper footing and balance at all times.
11. Do not reach over or across running machines.

Before Operation

1. Be sure the switch is **OFF** when not in use and before plugging in.
2. Do not attempt to use inappropriate attachments in an attempt to exceed the tool's capacity. Approved accessories are available from Grizzly Industrial, Inc.
3. Check for damaged parts before using any machine. Any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function.
4. Check for alignment and binding of all moving parts, broken parts, broken mounting fixtures, and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician.
5. Do not use the tool if any switch does not turn **ON** or **OFF** properly.

Operation

1. Never force the tool or attachment to do the work of a larger industrial tool. It is designed to do the job better and more safely at the rate for which it was intended.
2. Do not carry the tool by its power cord.
3. Always unplug the cord by the plug. Never yank the cord out of the wall.
4. Always turn off the machine before unplugging.

IF THERE IS ANY QUESTION ABOUT A CONDITION BEING SAFE OR UNSAFE, DO NOT OPERATE THE TOOL!

For Your Own Safety, Read Instruction Manual Before Operating This Machine

The purpose of safety symbols is to attract your attention to possible hazardous conditions. This manual uses a series of symbols and signal words intended to convey the level of importance of the safety messages. The progression of symbols is described below. Remember that safety messages by themselves do not eliminate danger and are not a substitute for proper accident prevention measures. Always use common sense and good judgment.



Indicates an imminently hazardous situation which, if not avoided, **WILL** result in death or serious injury.



Indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.



Indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury. It may also be used to alert against unsafe practices.

NOTICE

Alerts the user to useful information about proper operation of the machine to avoid machine damage.

Safety Instructions for Machinery



OWNER'S MANUAL. Read and understand this owner's manual **BEFORE** using machine.

TRAINED OPERATORS ONLY. Untrained operators have a higher risk of being hurt or killed. Only allow trained/supervised people to use this machine. When machine is not being used, disconnect power, remove switch keys, or lock-out machine to prevent unauthorized use—especially around children. Make your workshop kid proof!

DANGEROUS ENVIRONMENTS. Do not use machinery in areas that are wet, cluttered, or have poor lighting. Operating machinery in these areas greatly increases the risk of accidents and injury.

MENTAL ALERTNESS REQUIRED. Full mental alertness is required for safe operation of machinery. Never operate under the influence of drugs or alcohol, when tired, or when distracted.

ELECTRICAL EQUIPMENT INJURY RISKS.

You can be shocked, burned, or killed by touching live electrical components or improperly grounded machinery. To reduce this risk, only allow qualified service personnel to do electrical installation or repair work, and always disconnect power before accessing or exposing electrical equipment.

DISCONNECT POWER FIRST. Always disconnect machine from power supply **BEFORE** making adjustments, changing tooling, or servicing machine. This prevents an injury risk from unintended startup or contact with live electrical components.

EYE PROTECTION. Always wear ANSI-approved safety glasses or a face shield when operating or observing machinery to reduce the risk of eye injury or blindness from flying particles. Everyday eyeglasses are **NOT** approved safety glasses.

WARNING

WEARING PROPER APPAREL. Do not wear clothing, apparel or jewelry that can become entangled in moving parts. Always tie back or cover long hair. Wear non-slip footwear to reduce risk of slipping and losing control or accidentally contacting cutting tool or moving parts.

HAZARDOUS DUST. Dust created by machinery operations may cause cancer, birth defects, or long-term respiratory damage. Be aware of dust hazards associated with each workpiece material. Always wear a NIOSH-approved respirator to reduce your risk.

HEARING PROTECTION. Always wear hearing protection when operating or observing loud machinery. Extended exposure to this noise without hearing protection can cause permanent hearing loss.

REMOVE ADJUSTING TOOLS. Tools left on machinery can become dangerous projectiles upon startup. Never leave chuck keys, wrenches, or any other tools on machine. Always verify removal before starting!

USE CORRECT TOOL FOR THE JOB. Only use this tool for its intended purpose—do not force it or an attachment to do a job for which it was not designed. Never make unapproved modifications—modifying tool or using it differently than intended may result in malfunction or mechanical failure that can lead to personal injury or death!

AWKWARD POSITIONS. Keep proper footing and balance at all times when operating machine. Do not overreach! Avoid awkward hand positions that make workpiece control difficult or increase the risk of accidental injury.

CHILDREN & BYSTANDERS. Keep children and bystanders at a safe distance from the work area. Stop using machine if they become a distraction.

GUARDS & COVERS. Guards and covers reduce accidental contact with moving parts or flying debris. Make sure they are properly installed, undamaged, and working correctly **BEFORE** operating machine.

FORCING MACHINERY. Do not force machine. It will do the job safer and better at the rate for which it was designed.

NEVER STAND ON MACHINE. Serious injury may occur if machine is tipped or if the cutting tool is unintentionally contacted.

STABLE MACHINE. Unexpected movement during operation greatly increases risk of injury or loss of control. Before starting, verify machine is stable and mobile base (if used) is locked.

USE RECOMMENDED ACCESSORIES. Consult this owner's manual or the manufacturer for recommended accessories. Using improper accessories will increase the risk of serious injury.

UNATTENDED OPERATION. To reduce the risk of accidental injury, turn machine **OFF** and ensure all moving parts completely stop before walking away. Never leave machine running while unattended.

MAINTAIN WITH CARE. Follow all maintenance instructions and lubrication schedules to keep machine in good working condition. A machine that is improperly maintained could malfunction, leading to serious personal injury or death.

DAMAGED PARTS. Regularly inspect machine for damaged, loose, or mis-adjusted parts—or any condition that could affect safe operation. Immediately repair/replace **BEFORE** operating machine. For your own safety, **DO NOT** operate machine with damaged parts!

MAINTAIN POWER CORDS. When disconnecting cord-connected machines from power, grab and pull the plug—**NOT** the cord. Pulling the cord may damage the wires inside. Do not handle cord/plug with wet hands. Avoid cord damage by keeping it away from heated surfaces, high traffic areas, harsh chemicals, and wet/damp locations.

EXPERIENCING DIFFICULTIES. If at any time you experience difficulties performing the intended operation, stop using the machine! Contact our Technical Support at (570) 546-9663.

Additional Safety for Metal Lathes

WARNING

The primary risks of operating a Metal Lathe are as follows: You can be seriously injured or killed by getting entangled in, crushed between, or struck by rotating parts on a lathe. You can be struck with deadly force by unsecured tools or workpieces attached to rotating objects. To reduce your risk of serious injury when operating this machine, completely heed and understand the following:

CLOTHING, JEWELRY & LONG HAIR. Tie back long hair, remove jewelry, and do not wear loose clothing or gloves. These can easily get caught on rotating parts and pull you into lathe.

ROTATING PARTS. Always keep hands and body at a safe distance from rotating parts—especially those with projecting surfaces. Never hold anything against rotating workpiece, such as emery cloth, that can pull you into lathe.

GUARDING. Guards and covers protect against entanglement or flying objects. Always ensure they are properly installed while machine is running.

ADJUSTMENT TOOLS. Remove all chuck keys, wrenches, and adjustment tools before turning lathe **ON**. A tool left on the lathe can become a deadly projectile when spindle is started.

SAFE CLEARANCES. Before starting spindle, verify workpiece has adequate clearance by hand-rotating it through its entire range of motion.

NEW SETUPS. Test each new setup by starting spindle rotation at the lowest speed and standing to the side of the lathe until workpiece reaches full speed and you can verify safe rotation.

SPINDLE SPEEDS. Using spindle speeds that are too fast for the workpiece or clamping equipment can cause rotating parts to come loose and strike nearby people with deadly force. Always use slow spindle speeds with large or non-concentric workpieces. Never exceed rated RPM of the chuck.

CHUCKS. Chucks can be heavy and difficult to hold. During installation and removal, protect your hands and precision bed ways by using a chuck cradle or piece of plywood over the bed ways. Use lifting equipment, as necessary, for large chucks.

LONG STOCK SAFETY. Long stock can whip violently if not properly supported. Always support any stock that extends from the chuck/headstock more than three times its own diameter.

CLEARING CHIPS. Metal chips can be razor sharp. Avoid clearing them by hand or with a rag. Use a brush or vacuum instead.

SECURE WORKPIECE. An improperly secured workpiece can fly off spindle with deadly force. Make sure workpiece is properly secured before starting the lathe.

STOPPING SPINDLE. Always allow spindle to completely stop on its own, or use a brake, if provided. Never put hands or another object on a spinning workpiece to make it stop faster.

CRASHING. A serious explosion of metal parts can occur if cutting tool or other lathe component hits rotating chuck or a projecting part of workpiece. Resulting metal fragments can strike nearby people and lathe will be seriously damaged. To reduce risk of crashing, ALWAYS release automatic feeds after use, NEVER leave lathe unattended, and CHECK all clearances before starting lathe.

TOOL SELECTION. Cutting with incorrect or dull tooling increases risk of injury from broken or dislodged components, or as a result of extra force required for operation. Always use sharp tooling that is right for the job.

SANDING/POLISHING. To reduce risk of entanglement, never wrap emery cloth around rotating workpiece. Instead, use emery cloth with the aid of a tool or backing board.

MEASURING WORKPIECE. To reduce risk of entanglement, never measure rotating workpieces.

Additional Safety for Mills/Drills

WARNING

You can be seriously injured or killed by getting clothing, jewelry, or long hair entangled with rotating cutter/spindle. You can be severely cut or have fingers amputated from contact with rotating cutters. You can be blinded or struck by broken cutting tools, metal chips, workpieces, or adjustment tools thrown from the rotating spindle with great force. To reduce your risk of serious injury when operating this machine, completely heed and understand the following:

UNDERSTAND ALL CONTROLS. Make sure you understand the function and proper use of all controls before starting. This will help you avoid making mistakes that result in serious injury.

AVOIDING ENTANGLEMENT. DO NOT wear loose clothing, gloves, or jewelry, and tie back long hair. Keep all guards in place and secure. Always allow spindle to stop on its own. DO NOT stop spindle using your hand or any other object.

WEAR FACE SHIELD. Always wear a face shield in addition to safety glasses. This provides more complete protection for your face than safety glasses alone.

USE CORRECT SPINDLE SPEED. Follow recommended speeds and feeds for each size and type of cutting tool. This helps avoid tool breakage during operation and ensures best cutting results.

INSPECT CUTTING TOOL. Inspect cutting tools for sharpness, chips, or cracks before each use. Replace dull, chipped, or cracked cutting tools immediately.

PROPERLY SECURE CUTTER. Firmly secure cutting tool or drill bit so it does not fly out of spindle during operation.

POWER DISRUPTION. In the event of a local power outage during operation, turn spindle switch **OFF** to avoid a possible sudden startup once power is restored.

CLEAN MACHINE SAFELY. Metal chips or shavings can be razor sharp. DO NOT clear chips by hand or compressed air that can force chips farther into machine—use a brush or vacuum instead. Never clear chips while spindle is turning.

SECURE WORKPIECE TO TABLE. Clamp workpiece to table or secure in a vise mounted to table, so workpiece cannot unexpectedly shift or spin during operation. NEVER hold workpiece by hand during operation.

PROPERLY MAINTAIN MACHINE. Keep machine in proper working condition to help ensure that it functions safely and all guards and other components work as intended. Perform routine inspections and all necessary maintenance. Never operate machine with damaged or worn parts that can break or result in unexpected movement during operation.

DISCONNECT POWER FIRST. To reduce risk of electrocution or injury from unexpected startup, make sure mill/drill is turned **OFF**, disconnected from power, and all moving parts have come to a complete stop before changing cutting tools or starting any inspection, adjustment, or maintenance procedure.

REMOVE CHUCK KEY & SPINDLE TOOLS. Always remove chuck key, drawbar wrench, and other tools used on the spindle immediately after use. This will prevent them from being thrown by the spindle upon startup.

Additional Lathe Chuck Safety

WARNING

ENTANGLEMENT. Entanglement with a rotating chuck can lead to death, amputation, broken bones, or other serious injury. Never attempt to slow or stop the lathe chuck by hand, and always roll up long sleeves, tie back long hair, and remove any jewelry or loose apparel **BEFORE** operating.

CHUCK SPEED RATING. Excessive spindle speeds greatly increase the risk of the workpiece or chuck being thrown from the machine with deadly force. Never use spindle speeds faster than the chuck RPM rating or the safe limits of your workpiece.

USING CORRECT EQUIPMENT. Many workpieces can only be safely turned in a lathe if additional support equipment, such as a tailstock or steady/follow rest, is used. If the operation is too hazardous to be completed with the lathe or existing equipment, the operator must have enough experience to know when to use a different machine or find a safer way.

TRAINED OPERATORS ONLY. Using a chuck incorrectly can result in workpieces coming loose at high speeds and striking the operator or bystanders with deadly force. To reduce the risk of this hazard, read and understand this document and seek additional training from an experienced chuck user before using a chuck.

CHUCK CAPACITY. Avoid exceeding the capacity of the chuck by clamping an oversized workpiece. If the workpiece is too large to safely clamp with the chuck, use a faceplate or a larger chuck if possible. Otherwise, the workpiece could be thrown from the lathe during operation, resulting in serious impact injury or death.

CLAMPING FORCE. Inadequate clamping force can lead to the workpiece being thrown from the chuck and striking the operator or bystanders. Maximum clamping force is achieved when the chuck is properly maintained and lubricated, all jaws are fully engaged with the workpiece, and the maximum chuck clamping diameter is not exceeded.

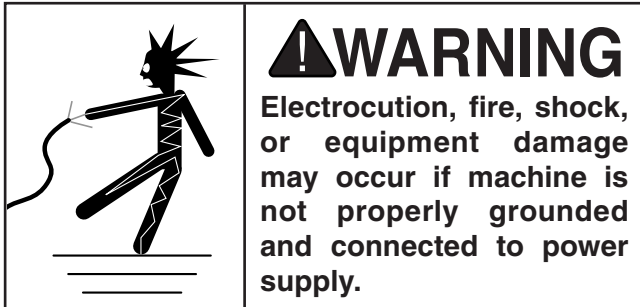
PROPER MAINTENANCE. All chucks must be properly maintained and lubricated to achieve maximum clamping force and withstand the rigors of centrifugal force. To reduce the risk of a thrown workpiece, follow all maintenance intervals and instructions in this document.

DISCONNECT POWER. Serious entanglement or impact injuries could occur if the lathe is started while you are adjusting, servicing, or installing the chuck. Always disconnect the lathe from power before performing these procedures.

POWER SUPPLY

Availability

Before installing the machine, consider the availability and proximity of the required power supply circuit. If an existing circuit does not meet the requirements for this machine, a new circuit must be installed. To minimize the risk of electrocution, fire, or equipment damage, installation work and electrical wiring must be done by an electrician or qualified service personnel in accordance with all applicable codes and standards.



Full-Load Current Rating

The full-load current rating is the amperage a machine draws at 100% of the rated output power. On machines with multiple motors, this is the amperage drawn by the largest motor or sum of all motors and electrical devices that might operate at one time during normal operations.

Full-Load Current Rating at 110V..... 1.8 Amps

The full-load current is not the maximum amount of amps that the machine will draw. If the machine is overloaded, it will draw additional amps beyond the full-load rating.

If the machine is overloaded for a sufficient length of time, damage, overheating, or fire may result—especially if connected to an undersized circuit. To reduce the risk of these hazards, avoid overloading the machine during operation and make sure it is connected to a power supply circuit that meets the specified circuit requirements.

! WARNING

Serious injury could occur if you connect machine to power before completing setup process. DO NOT connect to power until instructed later in this manual.

110V Circuit Requirements

This machine is prewired to operate on a power supply circuit that has a verified ground and meets the following requirements:

Nominal Voltage 110V, 115V, 120V
Cycle 60 Hz
Phase Single-Phase
Power Supply Circuit 15 Amps

A power supply circuit includes all electrical equipment between the breaker box or fuse panel in the building and the machine. The power supply circuit used for this machine must be sized to safely handle the full-load current drawn from the machine for an extended period of time. (If this machine is connected to a circuit protected by fuses, use a time delay fuse marked D.)

! CAUTION

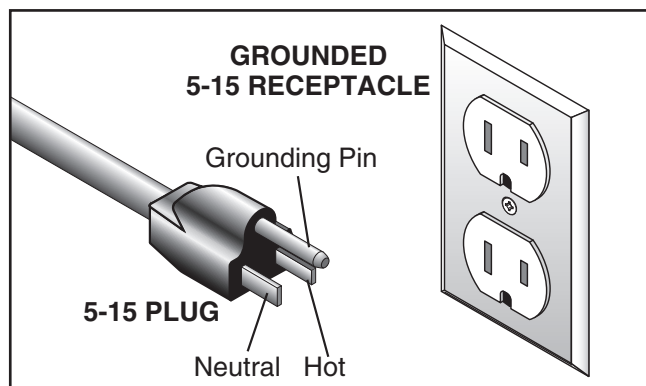
For your own safety and protection of property, consult an electrician if you are unsure about wiring practices or electrical codes in your area.

Note: *Circuit requirements in this manual apply to a dedicated circuit—where only one machine will be running on the circuit at a time. If machine will be connected to a shared circuit where multiple machines may be running at the same time, consult an electrician or qualified service personnel to ensure circuit is properly sized for safe operation.*

Grounding & Plug Requirements

This machine **MUST** be grounded. In the event of certain malfunctions or breakdowns, grounding reduces the risk of electric shock by providing a path of least resistance for electric current.

This machine is equipped with a power cord that has an equipment-grounding wire and a grounding plug. Only insert plug into a matching receptacle (outlet) that is properly installed and grounded in accordance with all local codes and ordinances. **DO NOT** modify the provided plug!



SHOCK HAZARD!
Two-prong outlets do not meet the grounding requirements for this machine. Do not modify or use an adapter on the plug provided—if it will not fit the outlet, have a qualified electrician install the proper outlet with a verified ground.

Improper connection of the equipment-grounding wire can result in a risk of electric shock. The wire with green insulation (with or without yellow stripes) is the equipment-grounding wire. If repair or replacement of the power cord or plug is necessary, do not connect the equipment-grounding wire to a live (current carrying) terminal.

Check with a qualified electrician or service personnel if you do not understand these grounding requirements, or if you are in doubt about whether the tool is properly grounded. If you ever notice that a cord or plug is damaged or worn, disconnect it from power, and immediately replace it with a new one.

Extension Cords

We do not recommend using an extension cord with this machine. If you must use an extension cord, only use it if absolutely necessary and only on a temporary basis.

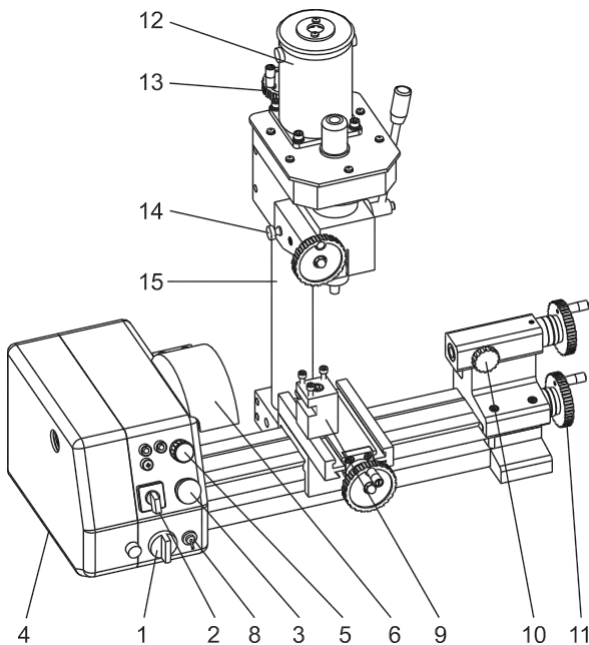
Extension cords cause voltage drop, which can damage electrical components and shorten motor life. Voltage drop increases as the extension cord size gets longer and the gauge size gets smaller (higher gauge numbers indicate smaller sizes).

Any extension cord used with this machine must be in good condition and contain a ground wire and matching plug/receptacle. Additionally, it must meet the following size requirements:

Minimum Gauge Size 16 AWG
Maximum Length (Shorter is Better).....50 ft.

FEATURES

This multi-purpose machine is designed for processing small parts, both metal and non-metal, into various shapes (e.g., square, offset, cylindrical and conical, etc.) by cutting, drilling, or milling. It can also be used for cutting metric or inch threads. With the drilling/milling head installed, the machine can successfully perform drilling or milling processes.



LEGEND

1. Clutch
2. Forward/Off/Reverse Switch
3. Emergency Stop Switch
4. Change Gear Cover
5. Variable-Speed Control Knob
6. Chuck/Chuck Cover
7. Lathe Motor (Hidden)
8. Power Supply Switch
9. Tool Rest
10. Tailstock Quill Lock Handle
11. Leadscrew/Handwheel
12. Milling/Drilling Motor
13. Lifting Handwheel
14. Clutch Lever
15. Fine-Feeding Handwheel

THE HEADSTOCK

The lathe motor provides a direct drive to the spindle via an internal tooth-type belt. Spindle speed is variable, and is regulated by the variable-speed control knob (5) located on the main control panel. The spindle has an internal #2 Morse taper to accommodate a center for use with a face plate or turning clamp.

The 3-jaw self-centering chuck (6) is mounted on the spindle flange. To remove the chuck, simply remove the three securing nuts to the rear of the flange, allowing it to be pulled free with the three mounting studs.

Note: The chuck has a protective cover. To avoid injury, when the chuck cover is opened, a limit switch will turn OFF the main power. DO NOT use this machine if the limit switch is not functioning correctly.

THE RUNNING GEAR

Open the gear box cover on the left side of the machine, select the correct gear according to the desired feed rate or pitch size, and install the appropriate gear into the gearbox and connect it to the leadscrew. Automatic feeding is enabled or disabled by the clutch (1) on the main panel. Turn the clutch left for manual feeding, and right for automatic.

THE TAILSTOCK

The tailstock casting may be moved along the bed to any desired position and is secured in place by two screws at the front of the tailstock. Release the wedge of the tailstock to remove and adjust the tailstock casting. The tailstock spindle carries an internal #1 Morse taper for use with the center provided.

THE SADDLE AND THE CROSS-SLIDE

The saddle carries the cross-slide, which holds the tool rest. The tool rest allows intricate and delicate operations to be performed. When the clutch is turned to the right, the leadscrew will automatically feed the cross-slide.

When using the mill/drill, the cross-slide functions as a worktable and a workpiece can be mounted using a bolt, nut, and hold-down plate.

THE MILL/DRILL HEAD

To use the Model G0937 as a mill or drill, first confirm the mill/drill chuck is securely installed on the mill/drill arbor/spindle (Morse #1). Once the chuck is installed, it is very difficult to separate the assembly. We recommend obtaining a new arbor if you would like to use a different chuck.

If chuck is not secure on the arbor, clean the mating surfaces of both and retract chuck jaws. Place chuck over arbor and tap chuck with medium force using a wood block to secure. If chuck can be separated from arbor by hand, repeat until it cannot.

Once the chuck is installed, connect the machine to power, turn the power supply switch to the 'Drill/Mill' position on the main panel. Push the clutch lever (14) in, then turn the fine-feeding handwheel (15) to fine-feed, or pull the clutch lever (14) out for normal feeding.

THE MOTOR

This machine has two DC motors, one for cutting and one for milling and drilling.

INVENTORY

No.	Descriptions	Qty
1	Model G0937 Combo Lathe/Mill	1
2	Hex Wrenches 2, 3, 4, 6mm	1 Each
3	Wrenches 5.5 X 7, 8 X 10mm	1 Each
4	Spanner Wrenches 28 X 32, 38 X 42mm	1 Each
5	Tailstock Center MT#1	1
6	Plastic Oil Can	1
7	Fuse	1
8	Drill Chuck Key	1
9	Lathe Chuck Key	1
10	Fixed Pin Assembly	1
11	External Chuck Jaws	3 Pc/Set
12	T-Nuts	2
13	Hex Bolts M6-1 X 50	2
14	Flat Washers 6mm	2
15	Hex Nuts M6-1	2
16	Handwheels	2
17	Handles	2
18	Handle Sleeve	1

UNPACKING & PREPARING FOR USE

On receipt, carefully unpack the machine and inspect to ensure that no damage was suffered in transit and all parts are accounted for. Should any damage be apparent, or parts missing, please contact customer service immediately.

With assistance, considering the weight of the machine, lift and place on workbench. Remove all traces of metal protectant with good quality solvent, and lightly oil all machined surfaces.

Saddle, cross-slide, and compound slide adjustments are all factory set to ensure smooth movement in both directions. If, however, the adjustments have been upset during transit, indicated by stiff or erratic movement, refer to **Settings & Adjustments** on **Page 17** for the methods of adjustment.

All hex keys and spanners necessary to carry out various adjustments are supplied, as well as a chuck key for the 3-jaw chuck and a spare fuse. The fuse holder is located on the main control panel.

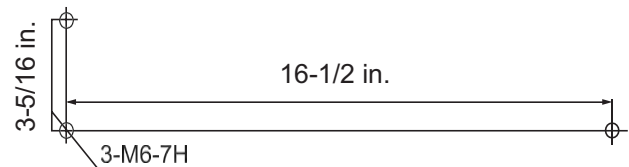
MOUNTING THE MACHINE

The machine should be mounted on a workbench of sufficient height so that you do not need to bend your back to perform normal operations.

Ensure the location is adequately lit and that you will not be working in your own shadow.

We strongly recommend that the machine is bolted firmly to a workbench using the tapped holes used to secure the feet to the machine. This is to provide added stability and additional safety. To do this, first drill three 8mm clearance holes in a workbench, at the dimensions shown in the diagram to the right.

Use appropriate-length M6-1 bolts/screws with 6mm flat washers to secure the machine to the workbench. After mounting the machine on a workbench, the drill/mill head should be mounted to the machine. Do not forget to insert the power cord into the socket in the rear of the headstock.



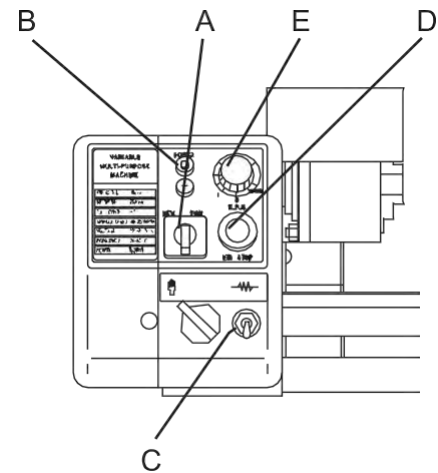
STARTING PROCEDURE

A. DURING INSTALLATION/INITIAL START

Taking all precautions previously stated, ensure the cross-slide is well away from the chuck and the clutch turned left for automatic feeding. Close the chuck's protective cover, and connect the machine to power.

Lathe Spindle Break-In

Turn the power supply switch (C) to the 'Cutting' position. Select 'Forward' with the Forward/Off/Reverse Switch (A) on the main control panel, then reset the Emergency Stop Switch (D) by turning the red head to the right. The power indicator (B) should illuminate.



Switch **ON** the machine by GENTLY turning the variable-speed control knob (E) clockwise. A click will be heard as power is turned **ON**, but the spindle will not rotate until the knob is turned further clockwise. Speed will increase progressively the further the knob is turned.

Run the machine for a total of 5 minutes, gradually increasing spindle speed to its maximum. Run for at least 2 minutes at this speed before stopping the machine and disconnecting from power.

Check that all components are still secure and working freely and correctly.

Check also to ensure the mountings are secure.

Should any adjustments be necessary, refer to the appropriate section under **Settings & Adjustments** on **Page 17**.

Mill/Drill Spindle Break-In

Turn the power supply switch (C) to 'Drill/Mill' position.

Repeat the procedure **Lathe Spindle Break-In** above.

B. STARTING UNDER NORMAL CONDITIONS

1. Take all necessary precautions previously stated, and ensure the workpieces can rotate fully without obstruction.

IMPORTANT: Never mix jaw types or positions to accommodate an odd-shaped workpiece. The chuck will spin out of balance and may throw the workpiece! Instead, use an independent jaw chuck or a faceplate.

2. Select 'Cutting' or 'Drill/Mill' by turning the power supply switch (C) as your operation requires.
3. Set the Forward/Off/Reverse switch on the main control panel to the 'Forward' position.
4. For cutting, select either manual or automatic feeding with the clutch, as operation requires.

IMPORTANT: This should ALWAYS be a deliberate, conscious action.

5. Start the machine as described in above section.
6. If the operation is finished or the machine is to be left unattended, turn the Forward/Off/Reverse switch to the OFF position, then disconnect machine from power.

ATTENTION: The power supply system of this machine has an automatic overload protective device. If cutting or drilling too deep, the system will stop working, and a yellow indicator (on the main panel) will light. Turn variable-speed control knob (E) fully left and then increase speed again. The system will work and the yellow indicator will turn **OFF**.

CAUTION:

ALWAYS turn the machine OFF and disconnect power BEFORE attempting to change any settings or make any adjustments.

OPERATION

During operation:

Do not exceed 0.0010" (0.25mm) depth of cut.

Do not exceed 3/8" (10.00mm) as your drilling diameter.

IMPORTANT: Your left hand should always be free in order to hit the Emergency Stop switch should it become necessary.

MAINTENANCE

For maximum performance, it is essential that the lathe is properly maintained.

BEFORE USE

Always inspect before use. Any damage should be repaired and misadjustments rectified. Damage to machined surfaces should be repaired with an oil stone. Test by hand to ensure smooth operation of all parts before use.

Inject a few drops of oil to the oilways at both leadscrew bearing (at each end bracket) once or twice during the day if used continuously. It will be necessary to remove the change gear cover in order to oil the left-hand bearing.

Also apply a few drops of oil to the compound slide oilway, located on the slide top surface, between the two hex bolts.

AFTER USE

Remove all swarf from the machine and thoroughly clean all surfaces. If coolant has been used, ensure it has completely drained from the tray. Components should be dry, and all machined surfaces should be lightly oiled.

Always remove cutting tools and store machine in a safe place when not in use.

MOTOR BRUSHES

The motor brushes may be changed by unscrewing the caps at the end of the motor.

SETTINGS & ADJUSTMENTS

Occasionally, it may be necessary to readjust various components in order to maintain optimum performance. The adjustments that may be performed are as follows:

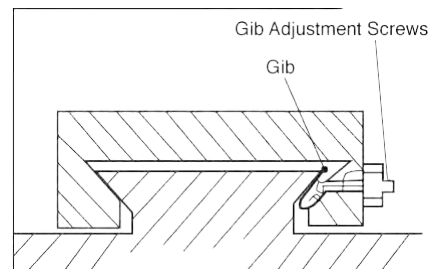
A. CROSS-SLIDE ADJUSTMENTS

The cross-slide is mounted on a dovetail slide, as shown below. Between the sloping surfaces on one side of the dovetail, there is a gib, which may be tightened against the dovetail using three gib screws mounted along its length.

The gib screws can be found on the right-hand side of the slide, directly beneath the compound slide handle. In time, wear will occur on the mating surfaces resulting in a “sloppiness” of action.

To adjust the gib and to ensure the slide moves evenly and smoothly, proceed as follows:

1. Loosen all lock nuts and gib screws evenly, with the same torque for each screw. The slide should be held firmly. Test by trying to turn the handle, but do not force it.
2. Loosen each gib screw by one quarter of a turn and tighten the lock nuts.
3. Test again, by turning the handle. The movement should be even and smooth along its complete length.
4. If the movement is too slack, tighten all gib screws by $1/8$ of a turn, and re-test. Similarly, if the movement is too stiff, loosen the screws by $1/8$ of a turn until the correct adjustment is attained.
5. Tighten all lock nuts, taking care to ensure you do not move the gib screws whilst doing so.
6. When completed, retract the slide fully and apply oil to all mating surfaces and the feed screw threads, then wind the slide back to its normal position.



B. CROSS-SLIDE FEED HANDLE

The cross-slide feed should run smoothly, and the scale must rotate with the handle.

If any stiffness occurs, it is probably the result of swarf lodging between the mating surfaces. Undo the screw securing the handwheel, remove the handwheel, and pull off the collar with the scale taking great care to retain the small spring plate which sits in a groove beneath the collar.

Clean the assembly and reassemble in reverse order. It may be necessary to hold the spring plate in place with a small screwdriver, or similar tool, and push down on it to allow the collar to be correctly located on the shaft.

C. MILL/DRILL HEAD ADJUSTMENTS

Mill/drill head adjustments are made in the same way as those for the cross-slide. The gib screws are to be found on the right-hand side of the headstock base.

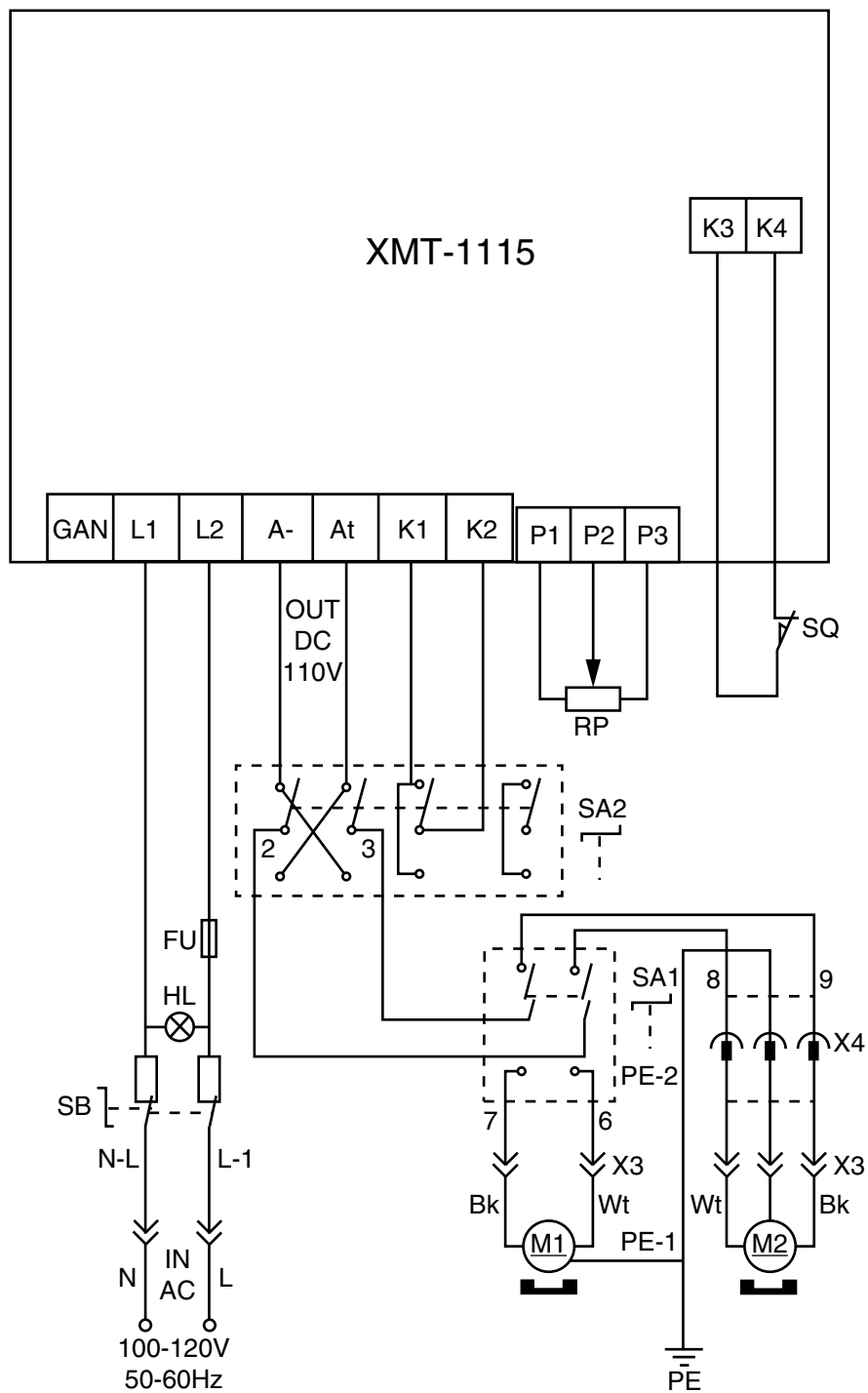
D. TAILSTOCK ADJUSTMENTS

The tailstock is secured by two screws. Loosen these screws to move the tailstock left or right, then tighten the screws to fix it in position on the bed way.

NOTE:

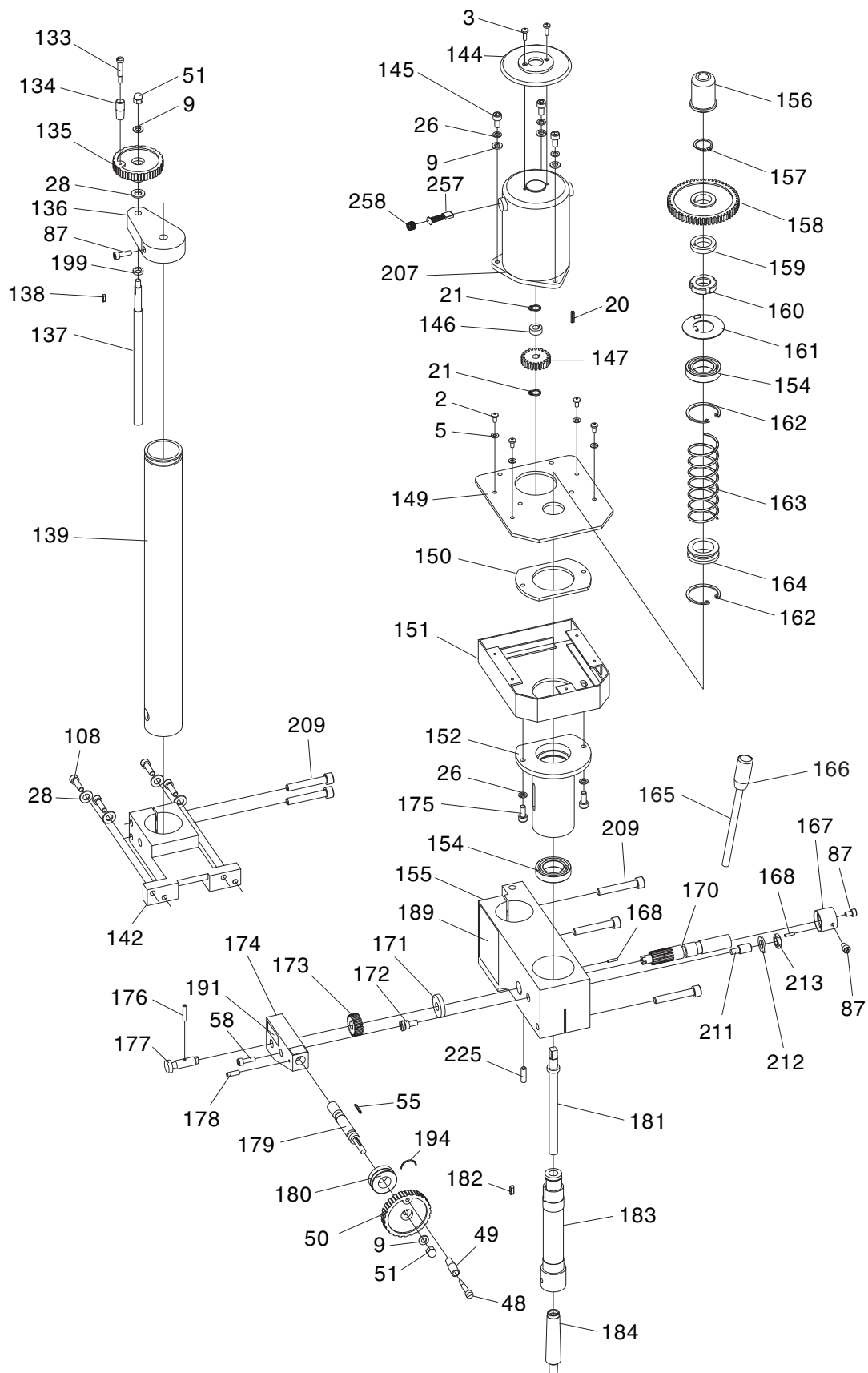
It is important that the cross-slide and compound slide adjustments are correctly done and that there is no “sloppiness” of action. Any misadjustment will have a serious effect on the quality of your work, as movement will all be transferred to the tool tip. It is vital that there is as little movement of the tool as possible.

WIRING DIAGRAM



Item No.	Name	Item No.	Name
XMT-1115	PC Board	SA1	Choose Switch
M1	Lathe Motor	SA2	Change Switch
M2	Mill Head Motor	SQ	Limit Switch
RP	Potentiometer	FU	Fuse
SB	Emergency Stop Switch	HL	Power Indicator Light

Mill



Mill Parts List

REF PART # DESCRIPTION

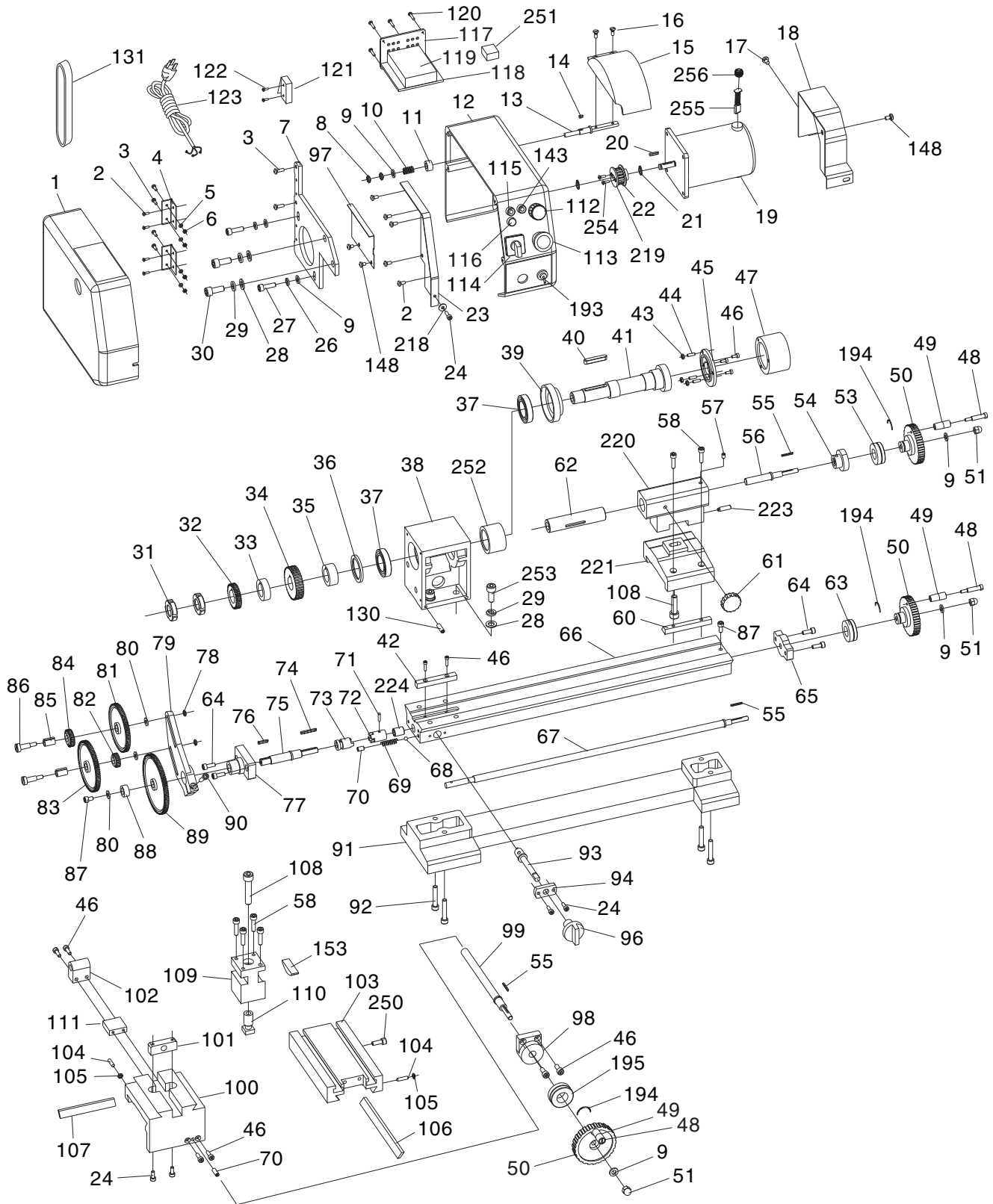
2	P0937002	PHLP HD SCR M4-.7 X 8
3	P0937003	PHLP HD SCR M4-.7 X 12
5	P0937005	FLAT WASHER 4MM
9	P0937009	FLAT WASHER 6MM
20	P0937020	KEY 3 X 3 X 16 RE
21	P0937021	EXT RETAINING RING 8MM
26	P0937026	LOCK WASHER 6MM
28	P0937028	FLAT WASHER 8MM
48	P0937048	SHOULDER SCREW M4-1 X 10, 4 X 31
49	P0937049	HOLLOW HANDLE 6 X 10, 25
50	P0937050	HANDWHEEL 58D X 6B-K, M4-1
51	P0937051	ACORN NUT M6-1
55	P0937055	KEY 2 X 2 X 10 RE
58	P0937058	CAP SCREW M5-.8 X 20
87	P0937087	CAP SCREW M5-.8 X 8
108	P0937108	CAP SCREW M8-1.25 X 40
133	P0937133	SHOULDER SCREW M6-1 X 8, 4.5 X 60.5
134	P0937134	HOLLOW HANDLE 44 X 15, 12
135	P0937135	HANDWHEEL 80D X 10B-K, M6-1
136	P0937136	LEADSCREW SUPPORT
137	P0937137	DRILL LEADSCREW
138	P0937138	KEY 3 X 3 X 10 RE
139	P0937139	COLUMN
142	P0937142	COLUMN SUPPORT
144	P0937144	MOTOR PROTECTION COVER
145	P0937145	CAP SCREW M6-1 X 14
146	P0937146	SPACER 8 X 15 X 12.5
147	P0937147	MOTOR GEAR 21T
149	P0937149	UPPER DRILL COVER
150	P0937150	MOTOR FIXED PLATE
151	P0937151	MAIN SHAFT CARRIAGE
152	P0937152	DRILL QUILL
154	P0937154	BALL BEARING 61905ZZ
155	P0937155	MILL HEADSTOCK
156	P0937156	SPINDLE COVER
157	P0937157	EXT RETAINING RING 20MM

REF PART # DESCRIPTION

158	P0937158	SPINDLE GEAR 55T
159	P0937159	SPACER 20.1 X 30 X 6
160	P0937160	SPINDLE NUT M24-1.5
161	P0937161	ELASTIC WASHER 24MM
162	P0937162	INT RETAINING RING 38MM
163	P0937163	COMPRESSION SPRING 1 X 37 X 115.3
164	P0937164	RING
165	P0937165	HANDLE SHAFT
166	P0937166	DOWNFEED KNOB, ROUND
167	P0937167	DEPTH SCALE SLEEVE
168	P0937168	ROLL PIN 3 X 12
170	P0937170	PINION GEAR 14T
171	P0937171	SPACER 10 X 28 X 5
172	P0937172	WORM SHAFT SCREW M10-1 X 5, 12 X 3
173	P0937173	GEAR 24T
174	P0937174	WORM SHAFT SUPPORT
175	P0937175	CAP SCREW M6-1 X 16
176	P0937176	CONNECT SHAFT PIN A3 X 12
177	P0937177	CONNECT PIN
178	P0937178	WORM SHAFT PIN A3 X 18
179	P0937179	WORM SHAFT
180	P0937180	FINE-FEED SCALE
181	P0937181	TENSION SHAFT
182	P0937182	KEY 4 X 4 X 12 RE
183	P0937183	SPINDLE
184	P0937184	CHUCK ARBOR
194	P0937194	SPRING 1 X 12
199	P0937199	SPACER 8 X 12 X 3
207	P0937207	MOTOR 1/4HP 110V 1-PH
209	P0937209	CAP SCREW M8-1.25 X 40
211	P0937211	ADJUSTING SCREW
212	P0937212	FLAT WASHER 10MM
213	P0937213	HEX NUT M8-1.25 THIN
225	P0937225	SET SCREW M6-1 X 20
257	P0937257	MILL CARBON BRUSH (2-PC SET)
258	P0937258	MILL CARBON BRUSH COVER



Lathe



REF PART # DESCRIPTION

1	P0937001	END GEAR COVER
2	P0937002	PHLP HD SCR M4-.7 X 8
3	P0937003	PHLP HD SCR M4-.7 X 12
4	P0937004	GEAR COVER HINGE 38L X 31B
5	P0937005	FLAT WASHER 4MM
6	P0937006	HEX NUT M4-.7

REF PART # DESCRIPTION

7	P0937007	CANTILEVER BRACKET
8	P0937008	HEX NUT M6-1
9	P0937009	FLAT WASHER 6MM
10	P0937010	COMPRESSION SPRING 1 X 9.2 X 14
11	P0937011	SPACER 8 X 15 X 8
12	P0937012	SPINDLE BOX COVER



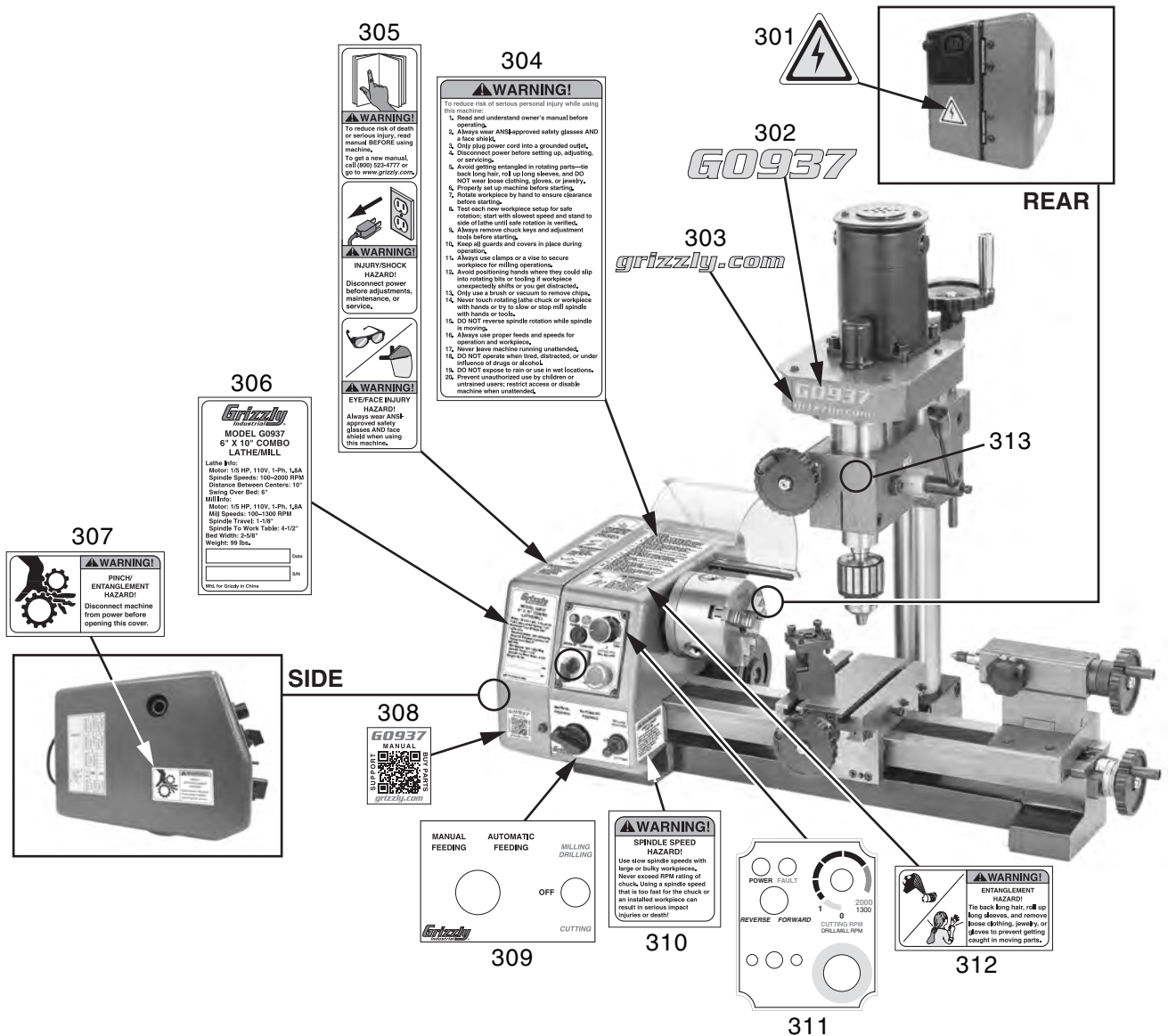
Lathe Parts List (Cont.)

REF	PART #	DESCRIPTION
13	P0937013	SPINDLE
14	P0937014	KEY 3 X 3 X 6 RE
15	P0937015	CHUCK GUARD
16	P0937016	CAP SCREW M4-.7 X 8
17	P0937017	CAP SCREW M5-.8 X 8
18	P0937018	REAR SPLASH GUARD
19	P0937019	MOTOR 1/4HP 110V 1-PH
20	P0937020	KEY 3 X 3 X 16 RE
21	P0937021	EXT RETAINING RING 8MM
22	P0937022	LATHE MOTOR PULLEY
23	P0937023	SUPPORT PLATE
24	P0937024	CAP SCREW M4-.7 X 10
26	P0937026	LOCK WASHER 6MM
27	P0937027	CAP SCREW M6-1 X 20
28	P0937028	FLAT WASHER 8MM
29	P0937029	LOCK WASHER 8MM
30	P0937030	CAP SCREW M8-1.25 X 20
31	P0937031	SPINDLE NUT M18-1.5
32	P0937032	SPINDLE GEAR 36T
33	P0937033	SPACER 20 X 32 X 10
34	P0937034	SPINDLE PULLEY
35	P0937035	SPACER 20 X 32 X 12.5
36	P0937036	OIL SEAL (REAR)
37	P0937037	TAPERED BEARING 30205
38	P0937038	SPINDLE BOX
39	P0937039	OIL SEAL (FRONT)
40	P0937040	KEY 6 X 6 X 36 RE
41	P0937041	SPINDLE
42	P0937042	BED KEY
43	P0937043	HEX NUT M6-1
44	P0937044	SET SCREW M6-1 X 25
45	P0937045	CHUCK FLANGE
46	P0937046	CAP SCREW M4-.7 X 12
47	P0937047	3-JAW CHUCK 80MM
48	P0937048	SHOULDER SCREW M4-1 X 10, 4 X 31
49	P0937049	HOLLOW HANDLE 6 X 10, 25
50	P0937050	HANDWHEEL 58D X 6B-K, M4-1
51	P0937051	ACORN NUT M6-1
53	P0937053	SPACER 16 X 32 X 12
54	P0937054	TAILSTOCK SCREW BASE
55	P0937055	KEY 2 X 2 X 10 RE
56	P0937056	TAILSTOCK SCREW
57	P0937057	SET SCREW M5-.8 X 8
58	P0937058	CAP SCREW M5-.8 X 20
60	P0937060	WEDGE
61	P0937061	KNOB BOLT M6-1 X 9, 14-LOBE, D27.5
62	P0937062	TAILSTOCK QUILL
63	P0937063	DIAL
64	P0937064	CAP SCREW M5-.8 X 14
65	P0937065	LEADSCREW BRACKET
66	P0937066	BED
67	P0937067	LEADSCREW
68	P0937068	STEEL BALL 5MM
69	P0937069	COMPRESSION SPRING 0.8 X 4.8 X 10
70	P0937070	SET SCREW M6-1 X 10
71	P0937071	ROLL PIN 3 X 14
72	P0937072	CLUTCH BRACKET
73	P0937073	CLUTCH
74	P0937074	KEY 3 X 3 X 22 RE
75	P0937075	GEAR SHAFT
76	P0937076	KEY 3 X 3 X 14 RE
77	P0937077	GEAR SHAFT BRACKET
78	P0937078	HEX NUT M5-.8
79	P0937079	SUPPORT PLATE

REF	PART #	DESCRIPTION
80	P0937080	FLAT WASHER 5MM
81	P0937081	CHANGE GEAR 72T
82	P0937082	CHANGE GEAR 19T
83	P0937083	CHANGE GEAR 76T
84	P0937084	CHANGE GEAR 24T
85	P0937085	GEAR SLEEVE
86	P0937086	GEAR SHAFT
87	P0937087	CAP SCREW M5-.8 X 8
88	P0937088	SPACER 10 X 17 X 8
89	P0937089	CHANGE GEAR 90T
90	P0937090	CAP SCREW M5-.8 X 25
91	P0937091	BED BASE
92	P0937092	CAP SCREW M6-1 X 35
93	P0937093	BED LOCK SHAFT
94	P0937094	BED LOCK SHAFT BRACKET
96	P0937096	CLUTCH KNOB
97	P0937097	DAM-BOARD
98	P0937098	CROSS-SLIDE LEADSCREW BRACKET
99	P0937099	CROSS-SLIDE LEADSCREW
100	P0937100	SADDLE
101	P0937101	CROSS-SLIDE NUT
102	P0937102	CROSS-SLIDE LEADSCREW NUT
103	P0937103	CROSS-SLIDE
104	P0937104	SET SCREW M4-.7 X 16
105	P0937105	HEX NUT M4-.7
106	P0937106	CROSS-SLIDE WEDGE
107	P0937107	GIB
108	P0937108	CAP SCREW M8-1.25 X 40
109	P0937109	TOOL REST
110	P0937110	TOOL REST SHAFT
111	P0937111	CONNECT BLOCK
112	P0937112	POTENTIOMETER WH24-1 4.7K
113	P0937113	EMERGENCY STOP SWITCH HONGBO LAS1-A
114	P0937114	FOR/REV SWITCH ZH-D
115	P0937115	POWER INDICATOR ZD7
116	P0937116	FUSE BOX BF021
117	P0937117	CIRCUIT BOARD XMT XMT1115
118	P0937118	LOCK CONNECT
119	P0937119	CIRCUIT BOARD BOX
120	P0937120	TAP SCREW M2.9 X 9.5
121	P0937121	MICRO SWITCH OM SS-5GL
122	P0937122	TAP SCREW M2.2 X 9.5
123	P0937123	POWER CORD 18G 3W 72" 5-15P
130	P0937130	SET SCREW M5-.8 X 20
131	P0937131	TIMING BELT 1.5 X 83 X 10
143	P0937143	FAULT INDICATOR ZD7
148	P0937148	PHLP HD SCR M4-.7 X 6
153	P0937153	TOOL REST BLOCK
193	P0937193	POWER SUPPLY SWITCH HY29D
194	P0937194	SPRING 1 X 12
195	P0937195	DIAL
218	P0937218	FLAT WASHER 4MM
219	P0937219	PULLEY WASHER
220	P0937220	TAILSTOCK CASTING
221	P0937221	TAILSTOCK BASE PLATE
223	P0937223	SET SCREW M6-1 X 20
224	P0937224	BEARING SLEEVE
250	P0937250	CAP SCREW M5-1 X 14
251	P0937251	FILTER
252	P0937252	SPACER 28 X 44 X 35
253	P0937253	CAP SCREW M8-1.25 X 25
254	P0937254	TAP SCREW M3 X 8
255	P0937255	LATHE CARBON BRUSH (2-PC SET)
256	P0937256	LATHE CARBON BRUSH COVER



Labels & Cosmetics



REF	PART #	DESCRIPTION
301	P0937301	ELECTRICITY LABEL
302	P0937302	MODEL NUMBER LABEL
303	P0937303	GRIZZLY.COM LABEL
304	P0937304	MACHINE WARNING LABEL
305	P0937305	MANUAL/DISCONNECT/PPE LABEL
306	P0937306	MACHINE ID LABEL
307	P0937307	PINCH/ENTANGLEMENT LABEL

REF	PART #	DESCRIPTION
308	P0937308	QR CODE LABEL
309	P0937309	MAN/AUTO FEED LABEL
310	P0937310	SPINDLE SPEED WARNING LABEL
311	P0937311	CONTROL PANEL LABEL
312	P0937312	ENTANGLEMENT LABEL
313	P0937313	TOUCH-UP PAINT, GRIZZLY GREEN

WARNING

Safety labels help reduce the risk of serious injury caused by machine hazards. If any label comes off or becomes unreadable, the owner of this machine **MUST** replace it in the original location before resuming operations. For replacements, contact (800) 523-4777 or www.grizzly.com.



WARRANTY & RETURNS

Grizzly Industrial, Inc. warrants every product it sells for a period of **1 year** to the original purchaser from the date of purchase. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs or alterations or lack of maintenance. This is Grizzly's sole written warranty and any and all warranties that may be implied by law, including any merchantability or fitness, for any particular purpose, are hereby limited to the duration of this written warranty. We do not warrant or represent that the merchandise complies with the provisions of any law or acts unless the manufacturer so warrants. In no event shall Grizzly's liability under this warranty exceed the purchase price paid for the product and any legal actions brought against Grizzly shall be tried in the State of Washington, County of Whatcom.

We shall in no event be liable for death, injuries to persons or property or for incidental, contingent, special, or consequential damages arising from the use of our products.

The manufacturers reserve the right to change specifications at any time because they constantly strive to achieve better quality equipment. We make every effort to ensure that our products meet high quality and durability standards and we hope you never need to use this warranty.

In the event you need to use this warranty, contact us by mail or phone and give us all the details. We will then issue you a "Return Number," which must be clearly posted on the outside as well as the inside of the carton. We will not accept any item back without this number. Proof of purchase must accompany the merchandise.

Please feel free to write or call us if you have any questions about the machine or the manual.

Thank you again for your business and continued support. We hope to serve you again soon.

To take advantage of this warranty, you must register it at <https://www.grizzly.com/forms/warranty>, or you can scan the QR code below to be automatically directed to our warranty registration page. Enter all applicable information for the product.

