

LAGUNA®

PX | 12 Quadtec:| Planer



Owner's Manual
MPLANPX12-0130
3/10/2021



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Safety

Read and understand all warnings and operation instructions before using any tool or equipment. Always follow basic safety precautions to reduce the risk of personal injury. Improper operation, maintenance or modification of tools or equipment could result in serious injury and property damage. There are certain applications for which tools and equipment are designed. This product should NOT be modified and/or used for any application other than for which it was designed.

It is important for you to read and understand this manual. The information it contains relates to protecting your safety and preventing problems.

Safety Call-outs

⚠ DANGER!

A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY.
SOMETIMES DISPLAYED AS **⚠ DANGER!**

⚠ WARNING

A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY.
SOMETIMES DISPLAYED AS **⚠ WARNING!**

⚠ CAUTION!

A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, MAY RESULT IN MINOR OR MODERATE INJURY.
SOMETIMES DISPLAYED AS **⚠ CAUTION!**

NOTICE!

A HELPFUL TIP FROM OUR TECHNICAL STAFF. SOMETIMES DISPLAYED AS NOTICE!

Safety Symbols

- | | | | |
|---|--|---|--------------------------|
|  | Disconnect from power before proceeding. |  | Wear ear protection. |
|  | Be aware of possible laceration danger. |  | Wear Eye Protection. |
|  | Be aware of possible crushing danger. |  | Wear a full face shield. |
|  | Be aware of possible crushing danger. |  | Wear lung protection. |
|  | Electrical Hazard. |  | Requires X People |

PROP 65 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 EQUIP-MENT, SUCH AS THOSE DUST MASKS THAT ARE SPECIALLY DESIGNED TO FILTER OUT MICROSCOPIC PARTICLES.

APPLICATIONS WARNING

- THIS MACHINE WAS DESIGNED FOR CERTAIN APPLICATIONS ONLY. WE STRONGLY RECOMMEND THAT THIS MACHINE NOT BE MODIFIED AND/OR USED FOR ANY APPLICATION OTHER THAN THAT FOR WHICH IT WAS DESIGNED. IF YOU HAVE ANY QUESTIONS RELATIVE TO A PARTICULAR APPLICATION, DO NOT USE THE MACHINE UNTIL YOU HAVE FIRST CONTACTED THE MANUFACTURER TO DETERMINE IF IT CAN OR SHOULD BE PERFORMED ON THE PRODUCT.
- IF YOU HAVE ANY QUESTIONS RELATIVE TO ITS APPLICATION DO NOT USE THE PRODUCT UNTIL YOU HAVE CONTACTED THE MANUFACTURER AND WE HAVE ADVISED YOU.

WARNING!

Machine & Workshop Safety Instructions

Read and understand all warnings and operating instructions before using this equipment. Failure to follow all instructions listed below, may result in electric shock, fire, and/or serious personal injury or property damage. Machinery can be dangerous if safe and proper operating procedures are not followed. As with all machinery, there are certain hazards involved with the operation of the product. Using the machine with respect and caution will considerably lessen the possibility of personal injury. However, if normal safety precautions are overlooked or ignored, personal injury to the operator may result. Safety equipment such as guards, push sticks, hold-downs, feather boards, goggles, dust masks and hearing protection can reduce your potential for injury. But even the best guard won't make up for poor judgment, carelessness or inattention. Always use common sense and exercise caution in the workshop. If a procedure feels dangerous, don't try it. Figure out an alternative procedure that feels safer. REMEMBER: Your personal safety is your responsibility.

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 start-up 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.

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. DAMAGED PARTS. Regularly inspect machine for damaged, loose, or improperly adjusted parts—or any condition that could affect safe operation.

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.

WARNING!

Planer Specific Safety Instructions

LIKE ALL MACHINES, THERE IS DANGER ASSOCIATED WITH THE MACHINE. INJURY IS FREQUENTLY CAUSED BY LACK OF KNOWLEDGE OR FAMILIARITY. USE THIS MACHINE WITH RESPECT. IF NORMAL SAFETY PRECAUTIONS ARE OVERLOOKED OR IGNORED, SERIOUS PERSONAL INJURY MAY OCCUR.

1. KICKBACK

"KICKBACK" IS WHEN THE WORK PIECE IS THROWN OFF THE PLANER TABLE BY THE CUTTER HEAD. THE "KICKBACK ZONE", IS THE PATH DIRECTLY BACK THROUGH THE IN FEED TABLE. NEVER STAND OR ALLOW OTHERS TO STAND IN THIS AREA DURING OPERATION. IF KICK BACK OCCURS, SEVERE INJURY MAY RESULT.

2. CUTTER HEAD ALIGNMENT

TO REDUCE THE POSSIBILITY OF KICKBACK, KEEP THE TOP EDGE OF THE OUT FEED TABLE ALIGNED WITH THE CUTTER HEAD INSERT AT TOP DEAD CENTER (TDC).

3. SUPPORTING THE WORK

ONLY MAKE CUTS IF THE WORK PIECE IS STABLE AND NEVER ATTEMPT TO CUT UNSTABLE PLANKS, OR INJURY MAY OCCUR.

4. CUTTING DEPTH

NEVER EXCEED THE MAXIMUM CUTTING DEPTH AS STATED IN THE SPECIFICATION FOR YOUR MACHINE. IT IS FAR BETTER TO TAKE SEVERAL SMALL CUTS RATHER THAN LARGE CUTS.

5. DIRECTION OF CUT

PLANING AGAINST THE GRAIN OR PLANING END GRAIN IS DANGEROUS AND COULD PRODUCE CHATTER OR EXCESSIVE CHIP OUT. ALWAYS PLANE WITH THE GRAIN.

6. GUARDS

GUARDS ARE DESIGNED TO REDUCE THE RISK OF INJURY. ALWAYS USE THE GUARDS. IF IT IS IMPERATIVE TO USE THE MACHINE WITHOUT THE GUARDS, [RABBETING] ALWAYS REPLACE THE GUARDS.

7. CUTTING DIRECTION

ONLY CUT FROM THE IN FEED TABLE TO THE OUT FEED TABLE, AND ALWAYS COMPLETE THE CUT. DO NOT STOP THE WOOD PROGRESS UNTIL THE JOB HAS CLEARED THE CUTTER HEAD COMPLETELY. ONLY CUT WITH THE GRAIN OR AT A SLIGHT ANGLE TO THE GRAIN.

8. STOCK

YOUR SAFETY WILL BE GREATLY ENHANCED IF YOU ONLY USE GOOD LUMBER. ONLY WORK WITH LUMBER AFTER YOU HAVE INSPECTED IT COMPLETELY. STAPLES, NAILS LOOSE KNOTS AND ANY OTHER METAL IN THE PLANK WILL DAMAGE YOUR CUTTER HEAD AND COULD CAUSE INJURY AND OR FIRE. IF YOU HAVE ANY QUESTION ABOUT A PIECE OF LUMBER, DO NOT USE IT.

**SAVE THESE INSTRUCTIONS.
Refer to them often and use them to instruct others.**

Electrical Safety

WARNING!

- RUNNING ON A DIFFERENT VOLTAGE THAN STATED BELOW WILL DAMAGE THE MACHINE. NEVER RUN THE MACHINE IN WET OR DAMP CONDITIONS.
- ELECTROCUTION, FIRE, SHOCK, OR EQUIPMENT DAMAGE MAY OCCUR IF MACHINE IS NOT PROPERLY GROUNDED AND CONNECTED TO POWER SUPPLY.

Power Supply

A separate electrical circuit should be used for each machine. This circuit should not be less than the wiring listed below and should be protected with an appropriate circuit breaker based on the total running and start-up amperage's (listed below). If an extension cord is used, use only 3-wire extension cords which have 3-prong grounding type plugs and matching receptacle which will accept the machine's plug.

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VOLTAGE	110V
PHASE	1PH
HERTZ	60Hz
FULL LOAD AMPERAGE	See Motor Plate

 WARNING! Below are RECOMMENDATIONS to be used for this machine based on the above information. Variables that may affect this are:

- Actual voltage supplied to the machine
- Electrical code that must be met in your local province.

An electrician will verify that all the demands are met to properly wire the machine. If you have absolutely any doubt when wiring this machine - please consult with a qualified electrician.

PLUG/RECEPTACLE	5-15
WIRING (Gauge)	See Jacket Printing
CIRCUIT BREAKER	20 AMP

If this information is different than what is stated on the Motor Specification Plate - omit this information. It is possible that the documentation is outdated to a machine change - such as a different motor. Always check the motor plate prior to any wiring. If any doubts, please consult a certified electrician.

Know when to use a time delay fuse! AKA Slow blow fuse. Generally, if the motor uses a start capacitor, a time delay fuse is required. This type of fuse (circuit breaker) will not trip with the initial amperage needed to start the machine, which is typically double that of the running amperage. Most woodworking machines use this type of fuse.

Grounding Methods

⚠ DANGER!

THIS MACHINE MUST BE GROUNDED WHILE IN USE TO PROTECT THE OPERATOR FROM ELECTRIC SHOCK. IN ALL CASES, MAKE CERTAIN THAT THE RECEPTACLE IN QUESTION IS PROPERLY GROUNDED. IF YOU ARE NOT SURE, HAVE A QUALIFIED ELECTRICIAN CHECK THE RECEPTACLE.

Grounding Methods Provided by CSA Group. (A) Receptacle with nominal rating less than 150 volts. (B) 150 volt receptacle without grounding pin fitted with adapter. (C) 150-250 volt receptacle.

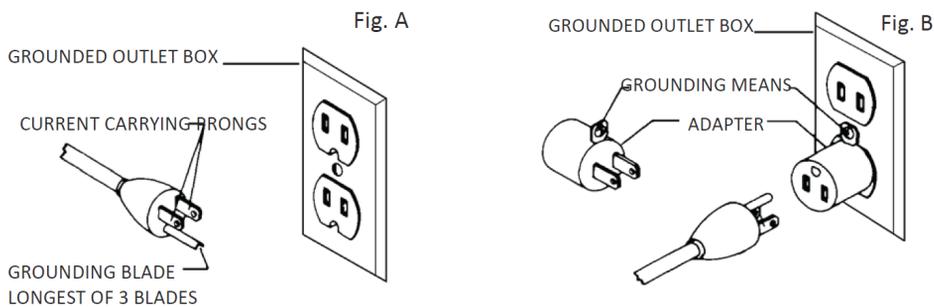
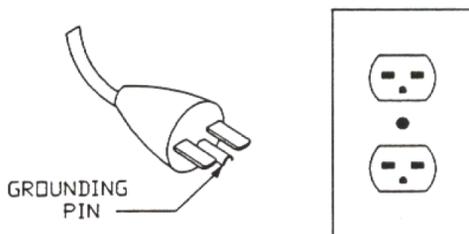


Fig C



(D)

1. All grounded, cord-connected machines:

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 insulation having an outer surface that is green 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 personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded.

Use only 3-wire extension cords that have 3-prong grounding plugs and 3 pole receptacles that accept the tool's plug.

Repair or replace damaged or worn cord immediately.

2. Grounded, cord-connected machines intended for use on a supply circuit having a nominal rating less than 150 volts:

This tool is intended for use on a circuit that has an outlet that looks like the one illustrated in Fig. A. The tool has a grounding plug that looks like the plug illustrated in Fig A. A temporary adapter, which looks like the adapter illustrated in Fig B may be used to connect this plug to a 2 pole receptacle as shown in Fig B if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. This adapter is not permitted in Canada. The green-colored rigid ear, lug, and the like, extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box.

3. Grounded, cord-connected tools intended for use on a supply circuit having a nominal rating between 150 – 250 volts, inclusive:

This tool is intended for use on a circuit that has an outlet that looks like the one illustrated in Fig C. The tool has a grounding plug that looks like the plug illustrated in Fig C. Make sure the tool is connected to an outlet having the same configuration as the plug. No adapter is available or should be used with this tool. If the tool must be reconnected for use on a different type of electric circuit, the reconnection should be made by qualified service personnel; and after reconnection, the tool should comply with all local codes and ordinances.

Extension Cords

⚠ WARNING Use proper extension cords. Make sure your extension cord is in good condition and is a 3-wire extension cord which has a 3-prong grounding type plug and matching receptacle which will accept the machine's plug. When using an extension cord, be sure to use one heavy enough to carry the current of the machine. An undersized cord will cause a drop in line voltage, resulting in loss of power and overheating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

MINIMUM GAUGE EXTENSION CORD 120V

RECOMMENDED SIZES FOR USE WITH STATIONARY ELECTRIC MACHINES

Ampere Rating	Volts	Total Length of Cord in Feet	Gauge of Extension Cord
0-6	120	up to 25	18 AWG
0-6	120	25-50	16 AWG
0-6	120	50-100	16 AWG
0-6	120	100-150	14 AWG
6-10	120	up to 25	18 AWG
6-10	120	25-50	16 AWG
6-10	120	50-100	14 AWG
6-10	120	100-150	12 AWG
10-12	120	up to 25	16 AWG
10-12	120	25-50	16 AWG
10-12	120	50-100	14 AWG
10-12	120	100-150	12 AWG
12-16	120	up to 25	14 AWG
12-16	120	25-50	12 AWG
12-16	120	GREATER THAN 50 FEET NOT RECOMMENDED	

MINIMUM GAUGE EXTENSION CORD 240V

RECOMMENDED SIZES FOR USE WITH STATIONARY ELECTRIC MACHINES

Ampere Rating	Volts	Total Length of Cord in Feet	Gauge of Extension Cord
0-6	240	up to 50	18 AWG
0-6	240	50-100	16 AWG
0-6	240	100-200	16 AWG
0-6	240	200-300	14 AWG
6-10	240	up to 50	18 AWG
6-10	240	50-100	16 AWG
6-10	240	100-200	14 AWG
6-10	240	200-300	12 AWG
10-12	240	up to 50	16 AWG
10-12	240	50-100	16 AWG
10-12	240	100-200	14 AWG
10-12	240	200-300	12 AWG
12-16	240	up to 50	14 AWG
12-16	240	50-100	12 AWG
12-16	240	GREATER THAN 100 FEET NOT RECOMMENDED	

Specifications

PX|12 Quadtec:I Planer

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CSA	YES
BED SIZE	12-1/2 X 10-1/4"
PULL-OUT EXTENSION	11-1/4" FLIP DOWN EXTENSIONS X 2
WHEELS BUILT-IN	N/A
MAX. DEPTH OF CUT	3/32"
MAX. STOCK THICKNESS	6"
MIN. STOCK THICKNESS	5/32"
MIN. STOCK LENGTH	5"
MAX. STOCK WIDTH	12-1/2"
FEED SPEED	26 FPM
DUST PORT DIAMETER	4" STEP DOWN TO 2-1/2"
CUTTERHEAD RPM	10000
CUTTERHEAD DIAMETER	1-7/8"
CUTTERHEAD INSERT #	26 X 4-SIDED CARBIDE, 4 ROW
THICKNESS READOUT	HAIR LINE READOUT
DIMENSIONS SET UP APPROX.	24" X 34"
DIMENSIONS SHIPPING	25"X17"X21-1/2"
NET/SHIP WEIGHT # OF BOXES	LBS. 65/72 1BOX

Machine Overview

PX|12 Quadtec:I Planer



Table Guides

The Guides act as a stop to reduce the chance of stock from sliding past the edge of the cutterhead or table.

Feed Speed

The feed speed is 26 FPM (feet per minute).

Control Panel

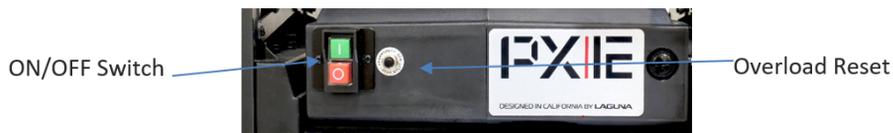


Figure 6: Control Panel

- ON/OFF Switch; Starts and Stops rotation of cutterhead.
- Overload Reset Button

Thickness Gauge

The top of the planer is a thickness gauge. Material thickness can be quickly identified by placing it on edge into the various gauges and reading the corresponding measurement (Fig. 8).

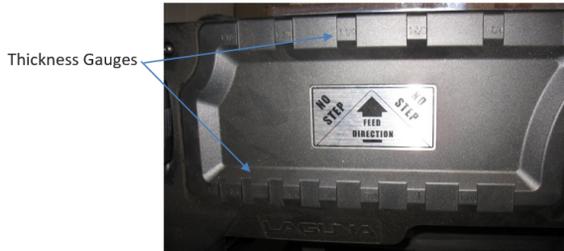


Figure 8: Thickness Gauge

Stock Removal Gauge

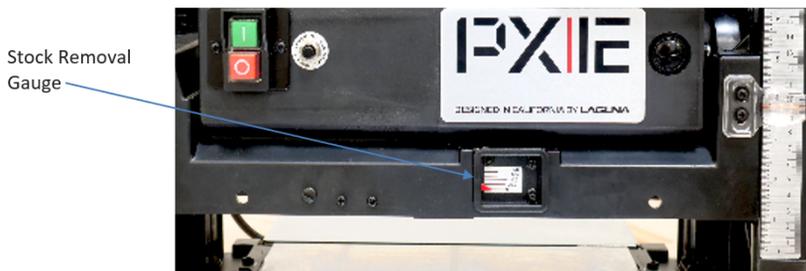


Figure 9: Stock Removal Gauge

The Stock Removal Gauge on the front of the planer (Fig. 9) identifies the amount of material being removed while the stock is being fed through the planer. 1/16" is the maximum stock removal rate and may be less depending on the material being processed and the condition of the cutterhead knives.

To establish stock removal before planing, turn power OFF. Make sure cutterhead is not rotating. Slide stock onto bed, under gauge. Lower carriage until desired stock removal appears on gauge. Pull stock from machine. Process stock as described in "Operation".

Depth Stop



Figure 10: Depth Stop

The depth stop is located on the side of the planer (Fig. 10). It has four settings. Rotate dial to desired thickness. When lowering carriage to preset thickness resistance will be felt when at desired setting. DO NOT use force to lower carriage when resistance is felt as damage to the carriage and lift mechanism will result. When not using the depth stop, leave at the lowest setting.

Setup

Setup Overview (MUST READ)

When setting up your PX112 Quadtec:I Planer, please take a moment to read this overview prior to starting.

The machine comes mostly assembled. You will have to assemble thickness adjustment handle, the dust chute, and calibrate the height.

After Setup, There may be a few adjustments to be made. All of these adjustments are done prior to shipping the machine, but if additional adjustments are required, please follow the adjustment guides.

⚠ CAUTION! If you have any doubt about the described procedure, seek professional assistance. Do not attempt any procedure that you feel is unsafe, or that you do not have the physical capability of achieving.

Placement & Unboxing

Your Machine will likely be delivered by a third party delivery service. Before unpacking your new machine, first inspect the packaging, the invoice, and the shipping documents supplied by the driver. When unpacking your machine, separate all enclosed items from the packing materials and inspect them for damages. Ensure that there is no visible damage to either the packaging or the machine BEFORE the driver leaves. Save all packaging materials until you are satisfied with the machine and/or have resolved any issues concerning any missing or damaged items.

NOTICE!

- ALL SHIPPING DAMAGE MUST BE NOTED UPON DELIVERY AND SIGNED BY THE OWNER AND THE DELIVERY DRIVER. IF YOU FIND ANY DAMAGED ITEMS IN YOUR PACKAGE, YOU MUST CONTACT LAGUNA TOOLS TO FILE A COMPLAINT. IN ORDER TO RETURN DAMAGED GOODS UNDER THE LIMITED WARRANTY TO LAGUNA TOOLS, INC., YOU MUST HAVE THE ORIGINAL PACKAGING. ALL CLAIMS OF LOSS OR DAMAGED GOODS MUST BE REPORTED TO LAGUNA TOOLS WITHIN 24 HOURS OF DELIVERY. PLEASE CONTACT THE LAGUNA TOOLS, INC. CUSTOMER SERVICE DEPARTMENT TO MAKE CLAIMS FOR ANY DAMAGED ITEMS/PARTS.
- IT IS PROBABLE THAT YOU WILL FIND SAWDUST WITHIN YOUR MACHINE. THIS IS BECAUSE THE MACHINE HAS BEEN TESTED PRIOR TO SHIPMENT FROM THE FACTORY AND OR LAGUNA TOOLS. WE TEST MACHINES PRIOR TO SHIPPING TO CUSTOMERS, BUT MOVEMENT CAN TAKE PLACE DURING TRANSPORTATION. SOME ADJUSTMENTS MAY HAVE TO BE UNDERTAKEN BY THE CUSTOMER. THESE ADJUSTMENTS ARE COVERED IN THE VARIOUS SECTIONS OF THIS MANUAL.

Placement

Before you remove your machine from the packaging, select the area where you will use your machine. There are no hard and fast rules for its location, but below are a few guidelines:

1. There should be sufficient area at the front of the machine to allow you to work on it comfortably.
2. There should be sufficient area at the back of the machine to allow access for adjustments and maintenance to be conducted.
3. Adequate lighting. The better the lighting the more accurately and safely you will be able to work.
4. Solid floor. You should select a solid flat floor, preferably one made of concrete or something similar.

5. Locate it close to a power source and dust collection.
6. Allow an area for the storage of blanks, finished products and tools.

Unboxing

⚠ WARNING!

- THE MACHINE WEIGHS 72 LBS (32KG). ENSURE THAT YOU HAVE ENOUGH PEOPLE TO DO THE JOB SAFELY.
- IF YOU HAVE ANY DOUBT ABOUT THE DESCRIBED PROCEDURE, SEEK PROFESSIONAL ASSISTANCE. DO NOT ATTEMPT ANY PROCEDURE THAT YOU FEEL IS UNSAFE, OR THAT YOU DO NOT HAVE THE PHYSICAL CAPABILITY OF ACHIEVING.

Be careful when lifting and handling the PX12! Lift PX12 from the two handle located on each side of the machine base. Failure to comply may cause serious injury and/or damage to the machine and/or property!

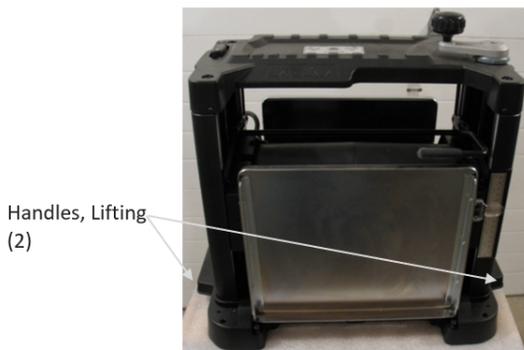


Figure 1: Lifting planer



Inventory List

The following depicts items shipped with your machine. Before assembling, ensure that you have received all parts shown below. Machine parts should arrive sealed in plastic bags. Remove parts from plastic bags before laying them out to inventory them.

REF	Description	Q	Packaging
	Dust Chute	1	In Box
	Torx Wrench	1	In Box
	Height Adjustment Handle	1	In Box
	Screw for Handle	1	In Box
	Screws for Dust Chute	3	In Box

Tools/items Required: Assembly & Adjustment

- T-25 Torx wrench (included)
- T-20 Torx wrench (not included)
- 10mm hex wrench (not included)

⚠ DANGER!

FOR YOUR OWN SAFETY, DO NOT CONNECT THE MACHINE TO THE POWER SOURCE UNTIL THE MACHINE IS COMPLETELY ASSEMBLED! PLEASE ALSO MAKE SURE THAT YOU READ AND UNDERSTAND THE ENTIRE MANUAL.

Assembling

General Setup

1. Install Thickness Adjustment Handle. Place handle on exposed stud, aligning flat of handle with flat of stud, insert mounting screw and tighten.

⚠ CAUTION! The Carriage Lock must be “UP” (unlocked) when turning the Thickness Adjustment Handle (Fig. 4)!

⚠ CAUTION! The Carriage Lock must be locked when operating the planer!



Figure 3: Thickness Adjustment Handle

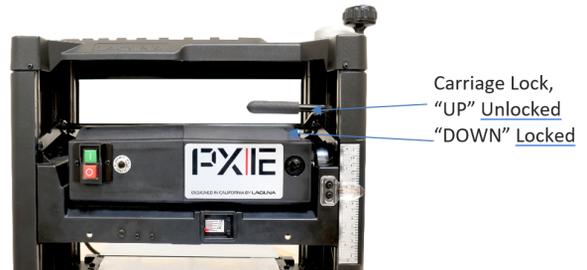


Figure 4: Carriage Lock

2. Clean all rust protected surfaces with a commercial de-greaser. DO NOT use acetone, gasoline, lacquer thinner or any type of cleaner that could damage paint. Coat cleaned surfaces with WD-40® or 20W machine oil.
3. Install dust chute using the included hardware to mount to the outfeed side of planer. 3 screws, one on each side and one underneath the dust chute.

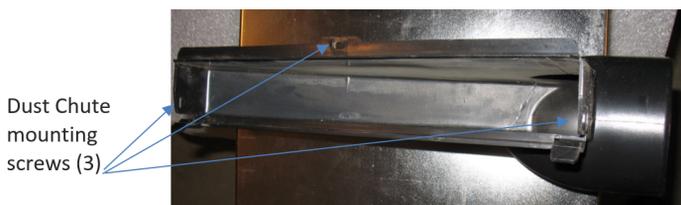


Figure 4: Dust Chute

4. Attach dust collector to dust chute.

NOTICE!

MAKE SURE THE DUST COLLECTION SYSTEM HAS SUFFICIENT CAPACITY AND CFM FOR THIS PLANER. ALWAYS TURN ON THE DUST COLLECTOR BEFORE PLANING.

Power Supply

Power Supply Circuit Requirements

The power source circuit for your machine must be grounded and rated for the amperage given below. Never replace a circuit breaker on an existing circuit with one of higher amperage without consulting a qualified electrician to ensure compliance with wiring codes. If you are unsure about the wiring codes in your area or you plan to connect your machine to a shared circuit, consult a qualified electrician.

Circuit Size (110V, Single Phase)20 Amp (minimum)

⚠ DANGER!

IN ALL CASES, MAKE CERTAIN THE RECEPTACLE IN QUESTION IS PROPERLY GROUNDED. IF YOU ARE NOT SURE, HAVE A QUALIFIED ELECTRICIAN CHECK THE RECEPTACLE.

Motor Specifications

The typical main motor is 2 HP and is typically wired for 110 Volt, Single Phase, 60 HZ, AC current. Confirm your motor electrical configuration before connecting power! Before connecting the machine to the power source, make sure the switch is in the "OFF" position.

⚠ WARNING

WHEN COMPLETED, THE MACHINE MUST CONFORM TO THE NATIONAL ELECTRIC CODE AND ALL LOCAL CODES AND ORDINANCES.

Connecting Power

1. Plug cord into dedicated 20 Amp circuit.

Calibrating the Thickness Scale

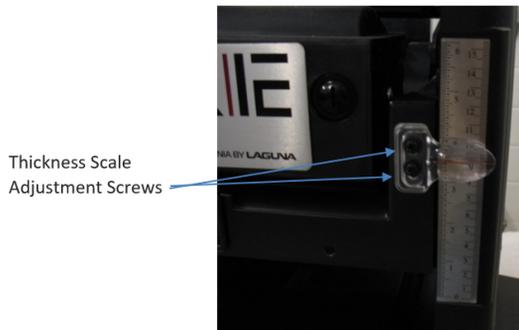


Figure 7: Thickness Scale Calibration

NOTICE! The following procedures describe the use of a "calibrating board". It is a piece of hardwood which has been surfaced on one side with a jointer, drum sander or wide belt sander.

1. With the planer OFF, the cutter head not rotating and power disconnected, place the Calibrating Board on the table, with the previously machined (flat) face "down", and slide under the cutterhead.
2. Make sure the Carriage Lock is unlocked (UP position).
3. Use the Table Height Adjustment handle (Fig. 8, A) to raise the table until the infeed roller is approximately 1/16" above the calibrating board.
4. Remove the calibrating board from the planer.
5. Connect power to the planer and turn ON.
6. Turn the height adjustment handle clockwise, one complete revolution, to lower the carriage and run the calibrating board (previously machined face "down") through the planer. Lock ("down" position) the carriage lock.

7. Repeat Step 5 until the planer removes the entire top surface of the calibrating board. NOTICE! Drawing pencil marks across the width of the top of the calibrating board in several locations can make it easier to determine when the entire surface has been planned.
8. Measure the thickness of the calibrating board with a caliper.
9. Loosen the two screws of the Thickness Scale pointer and adjust the pointer (Fig. 7) until it corresponds to the measured thickness and tighten the screws.

Setting Extension Tables



Figure 11: Extension Table Adjustment

There are two extension tables, one on the infeed and one on the outfeed side of the planer (Fig. 11).

1. Lower both extension tables.
2. Place a straight edge on the bed of the planer and extend over the extension table. The outside "end" of each extension table should be level with the bed. It is okay for the inner section of the extension tables to be lower than the main bed. The extension tables should never be higher than the main bed under the cutterhead.
3. If adjustment is needed, raise the extension table requiring adjustment.
4. Loosen the lock nut at the bottom of each bolt. Adjust the two hex head bolts on each side of the extension table either up or down and check alignment. Make only small adjustments.
5. When the tables align properly tighten the two lock nuts at the bottom of each bolt.

Operation

⚠ CAUTION!

PLACE THE PLANER ON A SECURE AND STABLE SURFACE FOR OPERATION. CLAMP OR BOLT THE PLANER INTO POSITION.

1. Lower each extension table to support stock.

- Establish the proper depth of cut (typically less than 1/16"), using the Thickness Adjustment handle and referencing the Thickness Scale or the Material Removal Scale.

NOTICE! One revolution of the Thickness Adjustment Handle equals 1/16", half a turn equals 1/32", etc.

- Lock the Carriage Lock after setting the depth of cut!
- Start dust collection.
- Start planer.
- Feed stock into planer, maintain control and support of stock until the stock is securely feeding through planer.
- Reposition yourself to the outfeed side of planer and control and support stock until it has exited the outfeed roller.



Figure 12: Thickness Adjustment Handle



Carriage Lock
"UP" Unlocked
"DOWN" Locked

Figure 13: Carriage Lock

Helpful Tips

- PLANERS WORK BEST IF ONE FACE OF STOCK IS FLAT. IF NOT, FLATTEN WITH A JOINTER OR DRUM SANDER.
- IF NOT POSSIBLE TO FLATTEN ONE FACE, PROCESS CUPPED MATERIAL WITH THE CUP "UP" SO THE MATERIAL IS STABLE ON THE PLANER BED.
- IF MATERIAL IS SEVERELY CUPPED, ANOTHER OPTION IS TO RIP THE MATERIAL, PLANE IT AND GLUE IT BACK TOGETHER.
- PLANE WITH THE DIRECTION OF GRAIN TO REDUCE TEAR-OUT AND PROVIDE THE BEST SURFACE FINISH.

Maintenance

General

Keep your machine clean. At the end of each day, clean the machine. Wood contains moisture, and if sawdust or wood chips are not removed they will cause rust.

In general, we recommend that you only use a Teflon-based lubricant on the planer. Regular oil attracts dust and dirt. Teflon lubricant tends to dry and has less of a tendency to accumulate dirt and sawdust.

Periodically check that all nuts and bolts are tight.

Routine Inspections

It is a good idea to routinely inspect any quality woodworking tool in order to keep it in optimum condition. This includes inspecting all hardware for tightness, ensuring the filter is clean, and cleaning debris and grime from any surfaces and moving parts. In addition, make sure to:

- Clean out-feed rollers and table with a non-flammable solvent to remove pitch, gum and other unwanted build-up.
- Periodically clean the inside of the machine for dust control.
- Keep pulleys and belts free from dirt, dust, oil and grease.
- Replace worn belts as needed.
- Replace or rotate worn knives.

Knife rotation/replacement

⚠ CAUTION!

KNIFE INSERTS ARE DANGEROUSLY SHARP. USE EXTREME CAUTION WHEN INSPECTING, REMOVING, OR REPLACING KNIFE INSERTS.

⚠ WARNING

- TURN PLANER OFF AND DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE OR ADJUSTMENTS!
- MAKE SURE ALL KNIFE INSERT SCREWS ARE TIGHTENED SECURELY. LOOSE INSERTS CAN BE PROPELLED AT HIGH SPEED FROM A ROTATING CUTTERHEAD, CAUSING INJURY.
TORQUE EACH SCREW TO 52-60 IN/LBS.

NOTICE!

- THE DUST CHUTE AND CHIP DEFLECTOR MUST BE REMOVED TO ACCESS CUTTERHEAD. REMOVE THE THREE SCREWS ATTACHING THE DUST CHUTE AND REMOVE. REMOVE THE TWO SCREWS SECURING THE CHIP DEFLECTOR AND REMOVE.
- WHEN CHANGING KNIFE INSERTS IT MAY BE NECESSARY TO ROTATE THE CUTTERHEAD TO A NEW LOCATION. DEPRESS THE AUTO LOCK (FIG. 15) ON THE RIGHT SIDE WHILE ROTATING CUTTERHEAD WITH A TORX WRENCH IN ONE OF THE SCREW HEADS OR A PIECE OF WOOD.

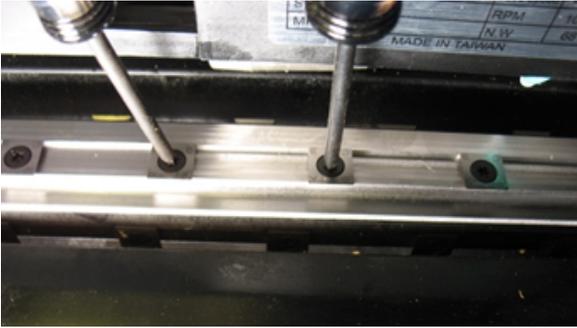


Figure 14: Cutterhead

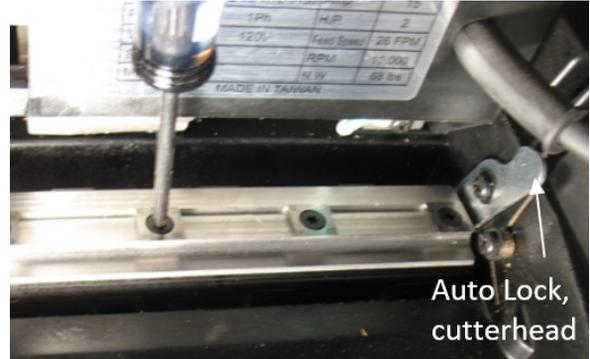


Figure 15: Auto Lock

1. The knife inserts on the 12" Planer are four-sided. When dull, remove each knife, rotate it 90° for a fresh edge, and re-install it. No further adjustment is necessary. Use a Torx wrench (T20) to remove the knife insert screw. Use a second Torx wrench to hold the cutterhead (from rotating) in position (in another screw). **⚠ WARNING!** DO NOT USE YOUR HAND TO HOLD THE CUTTERHEAD! See Fig. 14.
2. It is advisable to rotate all inserts at the same time to maintain consistent cutting. However, if one or more knife inserts develops a nick, rotate only those inserts that are affected. Each knife insert has an etched reference mark so you can keep track of the rotation. **Torque each screw to 52-60 in/lbs.**
3. **IMPORTANT:** When removing or rotating inserts, clean sawdust from the screw, the insert, and the cutterhead platform. Dust accumulation between these elements can prevent the insert from seating properly and may affect the quality of the cut.
4. Before installing each screw, lightly coat the screw threads with machine oil and wipe off any excess. Securely tighten each screw which holds the knife inserts before operating the jointer!

Conveying Rollers

⚠ WARNING

- TURN PLANER OFF AND DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE OR ADJUSTMENTS!

Keep rollers clean to help prevent slippage of material. Be careful not to contact cutterhead knives as they are very sharp!

Carriage thickness adjustment chain tension

⚠ WARNING

- TURN PLANER OFF AND DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE OR ADJUSTMENTS!



Figure 16: Under view of planer showing chain configuration.

The chain tension for carriage adjustment was established at the factory. When the chain stretches from normal use it may require tensioning. Excessive play in the thickness adjustment handle indicates a potentially loose chain.

1. Disconnect Power to planer.
2. Lay planer on its front side.
3. Test tension by compressing chain between sprockets. It should deflect approximately 3/8". If it compresses more, continue with the next steps.
4. To adjust tension, loosen the socket head hex cap screw in the center of chain tension arm (Fig. 16).

NOTE: Do not allow the chain to fall from the sprockets when loosening the tension bracket as this would require recalibrating the raising mechanism.

5. Rotate tension bracket to establish proper tension (the chain deflecting approximately 3/8" when compressed between sprockets).

NOTE: Over tension will result in difficult thickness adjustment cranking.

6. Tighten the socket head hex cap screw in the center of chain tension arm.

Dust Collection

To ensure proper operation and longest knife life it is important to maintain full air flow to your dust collection system. Make sure the filter media is clean and there are no obstructions in the ducting.

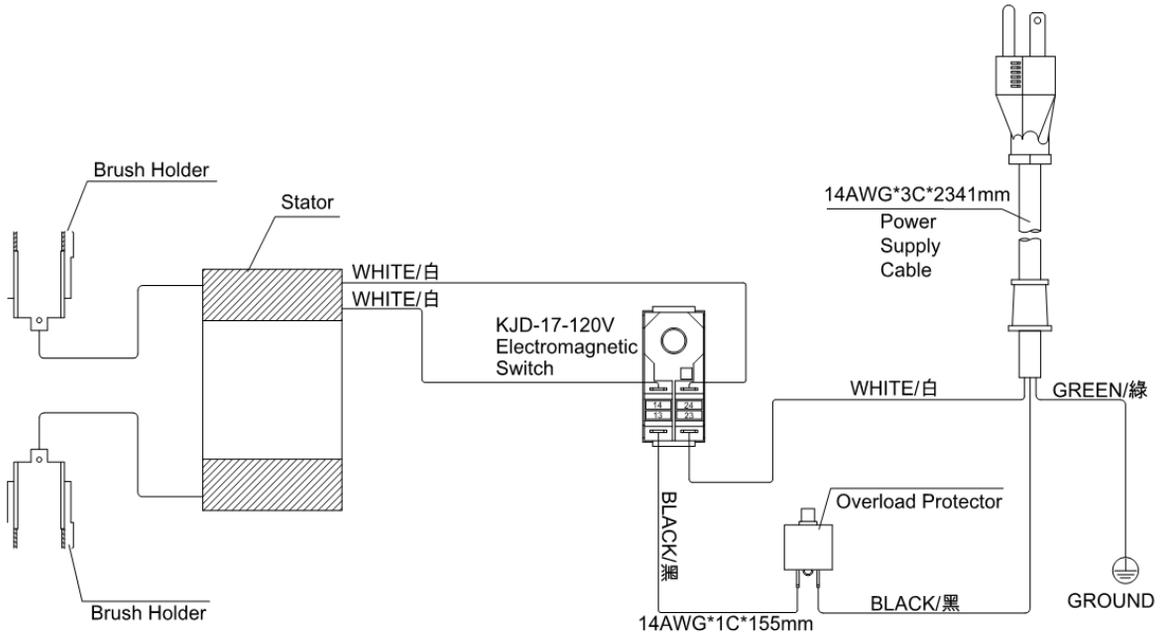
Troubleshooting

Symptom	Possible Cause	Possible Solution
Machine will not start	<ol style="list-style-type: none"> 1. Fuse blown or circuit breaker tripped 2. Cord damaged 3. Not connected to power source 4. Connected to wrong voltage 5. Overload tripped 	<ol style="list-style-type: none"> 1. Replace fuse or reset circuit breaker 2. Have cord replaced 3. Check connection 4. Check voltage 5. Press reset switch on control panel
Cutterhead does not come up to speed	<ol style="list-style-type: none"> 1. Low current 2. Motor not connected to correct voltage 	<ol style="list-style-type: none"> 1. Contact local electric company 2. Refer to motor nameplate for correct voltage
Workpiece stops when feeding	<ol style="list-style-type: none"> 1. Too much material being removed in one pass 2. Insufficient pressure on in-feed or out-feed rollers 	<ol style="list-style-type: none"> 1. Reduce the amount of material being removed 2. Increase pressure on in-feed or out-feed rollers
Snipe	<ol style="list-style-type: none"> 1. Incorrect setting for infeed, out-feed rollers, pressure bar 2. Inadequate support of long boards 	<ol style="list-style-type: none"> 1. Adjust feed system 2. Support long boards with extension rollers
Fuzzy Grain	<ol style="list-style-type: none"> 1. Planing wood with a high moisture content 2. Dull knives 	<ol style="list-style-type: none"> 1. Allow wood to dry properly 2. Rotate, replace or sharpen knives
Poor feeding of lumber	<ol style="list-style-type: none"> 1. Inadequate feed roll pressure 2. Planer bed dirty 3. Dirty feed rollers 4. Incorrect setting for in-feed, out-feed rollers 	<ol style="list-style-type: none"> 1. Adjust feed roll tension or lower feed rollers 2. Clean pitch and residue off table with a non-flammable solvent 3. Clean feed rollers with a non-flammable solvent 4. Adjust feed system

Wiring

⚠ WARNING

REVIEW [ELECTRICAL SAFETY](#) PRIOR TO ANY WIRING PROCEDURES.



Replacement Parts Diagram

Cutterhead & Drivetrain

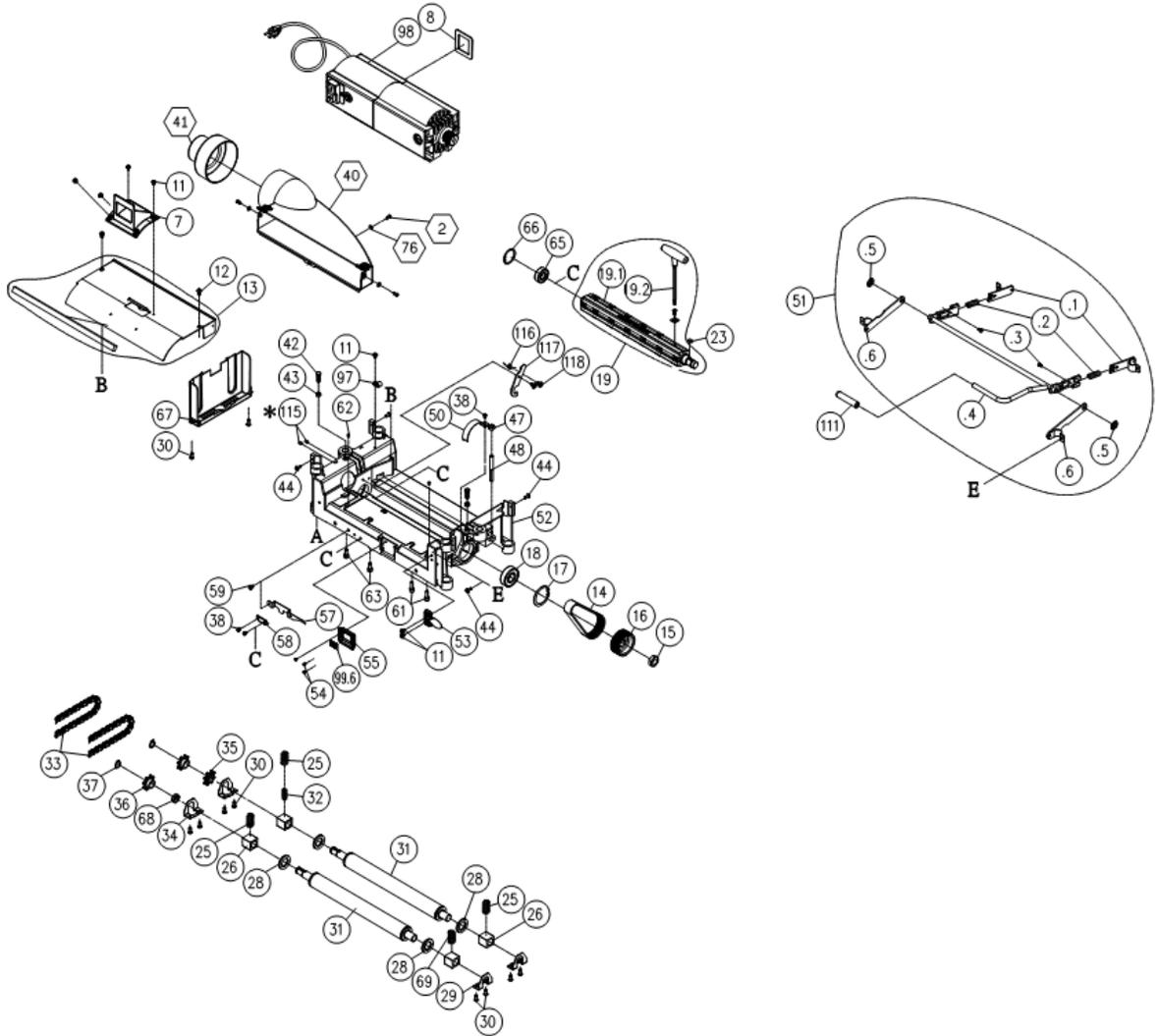
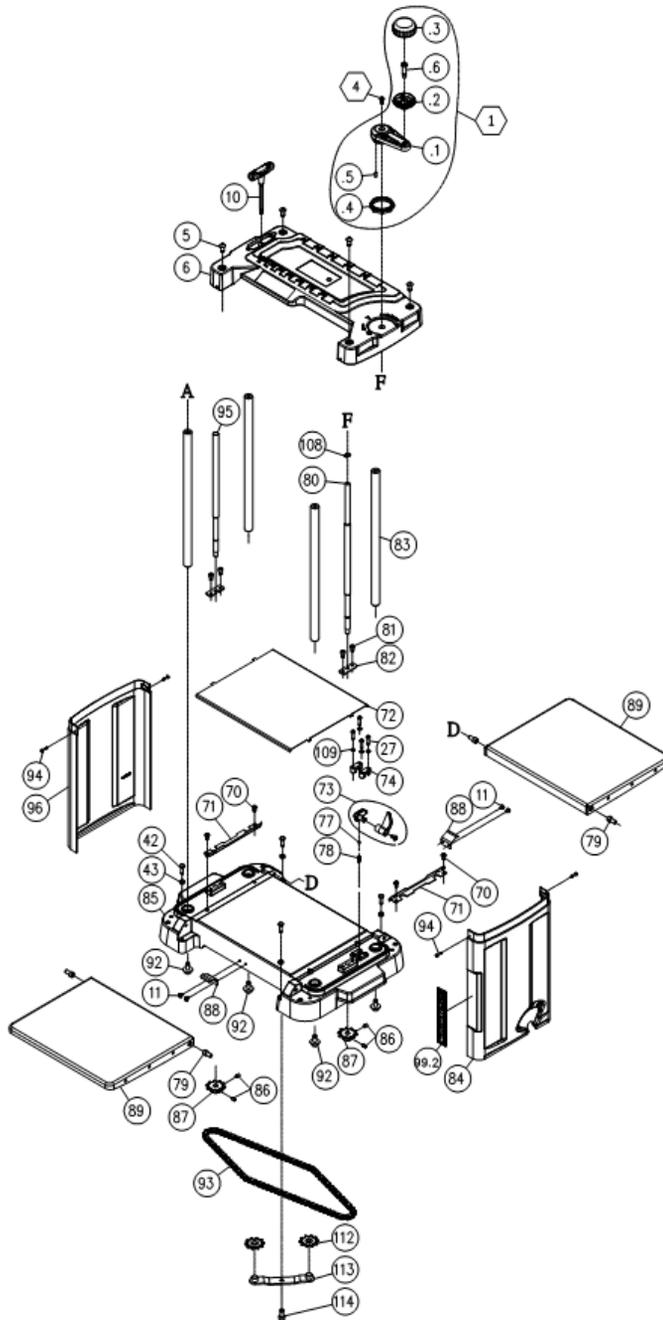


Table & Lift



Replacement Parts Table

REF NO	PART NUMBER	DESCRIPTION	SPECIFICATION	QTY
1	924830-000	HANDLE ASSY.		1
.1	090354-148	HANDLE		1
.2	250260-615	KNOB		1
.3	250262-615	KNOB COVER		1
.4	251421-675	SCALE RING		1
.5	250662-615	PIN	6200	1
.6	360302-901	HANDLE SHAFT		1
2	000302-103	ROUND HEAD PHILLIP SCREW	M4-0.7X10	3
4	049103-104	T TYPE SCREW	M6-1.0X12	1
5	000802-101	ROUND HEAD HEX. SCREW	M8-1.25X16	4
6	251436-615	TOP COVER	M16-1.5(23B-8H)	1
7	251400-615	INLET		1
8	200111-615	SPONGE	2MM	1
10	923507-000	TORX WRENCH	T30	1
11	001601-101	ROUND HEAD PHILLIP SCREW & WASHER	M4-0.7X8/4-10X0.8	11
12	029301-101	TORX SCREW W/LOCK WASHER	M5-0.8X10/5.1X7.9	2
13	924827-001	DEFLECTOR ASSY.	6200	1
14	014303-000	DRIVE BELT	135J-9	1
15	008036-200	HEX NUT	M16-1.5(23BX8H)	1
16	110010-000	DRIVE PULLEY		1
17	010107-000	RETAINING RING	RTW-47	1
18	030208-001	BALL BEARING	6204	1
19	925046-001	SEGMENTED CUTTERHEAD ASSEMBLY	QUADTEC1	1
19	925149-001		QUADTEC1	1
	038201-101		#10-32X1/2"	26
	040710-000	TORX WRENCH	T-25	1
OP	925135-001	KNIFE INSERTS	10PCS/BOX	1
23	012003-002	KEY	5X5X10	1
25	280035-901	SPRING		3
26	130088-000	BEARING BLOCK		4
27	000303-707	ROUND HEAD PHILLIP SCREW	M5-0.8X20	4
28	660010-000	DUST PROOF PLATE		4
29	170737-902	RIGHT MOUNTING PLATE		2
30	000303-104	ROUND HEAD PHILLIP SCREW	M5-0.8X12	10
31	340098-000	FEED ROLLER		2
32	280036-901	SPRING		1
33	016204-000	CHAIN	#410X26P	2

REF NO	PART NUMBER	DESCRIPTION	SPECIFICATION	QTY
34	170736-902	LEFT MOUNTING PLATE		2
35	380257-901	SPROCKET		1
36	150004-000	SPROCKET		2
37	010006-000	RETAINING RING	STW-15	2
38	000302-102	ROUND HEAD PHILLIPS SCREW	M4-0.7X8	3
40	250114-615	DUST PORT		1
41	250133-615	CONNECTOR		1
42	000002-111	HEX SCREW	M6-1.0X20	6
43	008005-100	HEX NUT	M6-1.0(10BX5H)	6
44	002401-101	ROUND HEAD PHILLIPS NYLOCK SCREW W/WASHER	M4-0.7X12/4X10X0.8	4
47	008006-100	HEX NUT	M8-1.25(13BX6.5H)	1
48	360309-901	SHAFT		1
50	170315-901	PULLEY COVER		1
51	924820-001	ROD LINKAGE ASSEMBLY		1
.1	921937-001	ROD ASSEMBLY		2
.2	280039-901	SPRING		2
.3	000302-102	ROUND HEAD PHILLIP SCREW	M4-0.7X8	2
.4	924819-001	KNOB ASSEMBLY		1
.5	010304-000	SPN RING	SPN-10	2
.6	921938-000	ROD LINKAGE ASSEMBLY		2
52	090093-147	CARRIAGE		1
53	250141-620	SCALE POINTER		1
54	000301-101	ROUND HEAD PHILLIP SCREW	M3-0.5X6	3
55	251401-615	SCALE PLATE		1
57	170314-458	POINTER		1
58	170313-901	CONTACT PLATE		1
59	290012-901	SHOULDER SCREW		1
61	230238-905	SELF-TAPPING SCREW W/LOCK WASHER		2
62	360297-000	PIN		2
63	001802-102	CAP SCREW W/LOCK WASHER	M6-1.0X20/6.5X10.5	2
65	030206-001	BALL BEARING	6202	1
66	010103-000	RETAINING RING	RTW-35	1
67	250086-615	CHAIN COVER		1
68	160031-000	SPACER		1
69	280037-000	SPRING		1
70	000304-102	ROUND HEAD PHILLIP SCREW	M6-1.0X10	4
71	170296-901	GUIDE RAIL		2
72	170311-000	WEAR PLATE		1
73	924828-001	DEPTH STOP ASSY		1
74	130392-903	BLOCK		2

REF NO	PART NUMBER	DESCRIPTION	SPECIFICATION	QTY
76	006001-001	FLAT WASHER	4.3-10X1.0	3
77	017002-000	BALL	Ø6	1
78	280052-000	SPRING		1
79	000104-107	CAP SCREW	M8-1.25X15	4
80	361376-902	LEAD SCREW		1
81	000103-102	CAP SCREW	M6-1.0X10	4
82	270005-000	FIX PLATE		2
83	360307-000	COLUMN		4
84	251402-000	RIGHT SIDE COVER		1
85	090353-147	BASE		1
86	001902-101	NYLOCK SET SCREW	M6-1.0X10	4
87	150005-000	SPROCKET		2
88	270007-901	CLIP		2
89	921933-001	EXTENSION TABLE ASSEMBLY		2
92	001701-101	CAP SCREW W/WASHER	M8-1.25X20/8X23X2.0	4
93	016211-000	CHAIN	#410X82P	1
94	001201-501	TAPPING SCREW	M4-1.41X12	4
95	360306-902	LEAD SCREW		1
96	251403-000	LEFT SIDE COVER		1
97	021102-000	CORD CLAMPS	ACC-2.5	1
98	910140-000	MOTOR ASSEMBLY	110V-120V	1
99.2	575140-000	SCALE		1
99.6	575545-000	MATERIAL REMOVE GAUGE SCALE	3/32"	1
108	010002-000	RETAINING RING	STW-11	1
109	006003-009	FLAT WASHER	5.2-10X1.0	4
111	251437-615	LOCK HANDLE		1
112	150006-000	SPROCKET		2
113	170310-901	PLATE		1
114	001803-102	CAP SCREW & LOCK WASHER	M8-1.25PX20/8.2X13.7	1
115	001901-102	SET NYLOCK SCREW	M5-0.8X8	2
116	280038-901	SPRING		1
117	170738-905	POSITION PLATE		1
118	001602-101	ROUND HEAD PHILLIP SCREW W/WASHER	M5-0.8X10/5X12X0.8	2

Warranty

This machine is covered by a warranty and the purchasing dealer can answer any questions you may have. Additionally, you can contact Laguna: +1 (949) 474-1200 customerservice@lagunatools.com.

Every product sold is warranted to be free of manufacturers' defective workmanship, parts, and materials. For any questions about this product, the intended use or what it was designed for, customer service, or replacement parts – please reach out to our customer service department.

REGISTRATION

TO PREVENT VOIDING THIS WARRANTY, ALL PRODUCTS SOLD MUST BE REGISTERED WITHIN THIRTY (30) DAYS OF RECEIVING. REGISTERING THE PRODUCT WILL ENABLE THE ORIGINAL PURCHASER TO RECEIVE NOTIFICATIONS ABOUT IMPORTANT PRODUCT CHANGES AND RECEIVE CUSTOMER SUPPORT.

[HTTPS://LAGUNATOOLS.COM/POLICIES/WARRANTY/](https://lagunatools.com/policies/warranty/)

WHAT IS COVERED?

ANY PART, DETERMINED BY LAGUNA TOOLS®, TO HAVE A DEFECT WILL BE REPAIRED OR REPLACED (AND SHIPPED), WITHOUT CHARGE. IT IS REQUIRED THAT THE DEFECTIVE ITEM/PART BE RETURNED TO LAGUNA TOOLS® WITH THE COMPLAINT AND PROOF OF PURCHASE IN THE ORIGINAL PACKAGING THAT IT WAS RECEIVED. IN THE EVENT THE ITEM/PART IS DETERMINED TO BE VOID OF THIS WARRANTY, THE CUSTOMER WILL BE RESPONSIBLE FOR THE COST TO REPLACE THE ITEM/PART AND ALL RELATED SHIPPING CHARGES.

WHO IS COVERED?

THE APPLICABLE WARRANTY COVERS ONLY THE INITIAL PURCHASER OF THE PRODUCT FROM THE RECEIPT DATE. THE ORIGINAL PURCHASER MUST PRESENT THE ORIGINAL RECEIPT AS PROOF OF PURCHASE.

SHIPPING DAMAGE

LAGUNA TOOLS® AND THE PURCHASING CUSTOMER IS NOT RESPONSIBLE FOR DAMAGE OR LOSS CAUSED BY A FREIGHT COMPANY OR OTHER CIRCUMSTANCES NOT IN THE DIRECT CONTROL OF LAGUNA TOOLS®. ALL SHIPPING RELATED CLAIMS FOR LOSS OR DAMAGED GOODS MUST BE MADE TO LAGUNA TOOLS WITHIN TWENTY-FOUR HOURS OF DELIVERY.

WARRANTY LIMITATIONS

THIS LIMITED WARRANTY DOES NOT APPLY TO NATURAL DISASTERS, ACTS OF TERRORISM, NORMAL WEAR AND TEAR, PRODUCT FAILURE DUE TO LACK OF MAINTENANCE OR CLEANING, DAMAGE CAUSED BY ACCIDENT, NEGLIGENCE, OR LACK-OF/INADEQUATE DUST COLLECTION. THE WARRANTY MAY BE VOIDED AGAINST PROOF OF MISUSE/ABUSE, DAMAGE CAUSED WHERE REPAIR OR ALTERATIONS HAVE BEEN MADE OR ATTEMPTED BY OTHERS, USING THE PRODUCT FOR PURPOSES OTHER THAN THOSE DESCRIBED AS INTENDED USE (UNLESS WITH CONSENT BY LAGUNA TOOLS®), MODIFICATION TO THE PRODUCT, OR USE WITH AN ACCESSORY THAT WAS NOT DESIGNED FOR THE PRODUCT. IT IS THE RESPONSIBILITY OF THE USER TO UNDERSTAND BASIC WOODWORKING MACHINERY SETTINGS AND PROCEDURES AND TO PROPERLY MAINTAIN THE EQUIPMENT IN ACCORDANCE WITH THE STANDARDS PROVIDED IN THIS MANUAL.

LENGTH OF WARRANTY

ASIDE FROM BEING FREE OF DEFECTS UPON RECEIVING, CONSUMABLE PARTS, LIKE CUTTERS AND ABRASIVES, ARE NOT COVERED BY THIS WARRANTY UNLESS OTHERWISE STATED BY LAGUNA TOOLS®. THESE PARTS ARE DESIGNED TO BE USED AT THE EXPENSE OF THE OPERATOR AND ARE AVAILABLE FOR REPLACEMENT OR INVENTORY PURCHASE.

2 YEAR – NEW PURCHASES THROUGH AUTHORIZED DEALERS.

1 YEAR – NEW PURCHASES DIRECTLY FROM LAGUNA TOOLS.

1 YEAR – BLADES AND ACCESSORIES



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