



Operating Instructions and Parts Manual

20-inch Planer

Models JWP-208HH and JWP-208HH-BLK



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1.0 IMPORTANT SAFETY INSTRUCTIONS

WARNING

–To reduce risk of injury:

1.1 General Machine Safety Rules

1. Read and understand the entire owner's manual before attempting assembly or operation.
2. Read and understand the warnings posted on the machine and in this manual. Failure to comply with all of these warnings may cause serious injury.
3. If you are not thoroughly familiar with the operation of wood planers, obtain advice from your supervisor, instructor or other qualified person.
4. Replace the warning labels if they become obscured or are removed.
5. This planer is designed and intended for use only by properly trained and experienced personnel. If you are not familiar with the proper and safe operation of a planer, do not use until proper training and knowledge have been obtained.
6. Do not use this machine for anything other than its intended use. If used for other purposes, JET disclaims any express or implied warranty and holds itself harmless from any injury that may result.
7. **Model JWP-208HH-BLK JET Black Coating.** This model has an industrial-grade, low-friction, corrosion-resistant coating we call JET Black. This coating is on the main table and the infeed and outfeed tables. While the JET Black coating is durable, it can be damaged if metal or other hard and/or sharp objects strike, gouge, or scratch the surface. Significant damage to the coating may affect its performance.
8. If mounting the machine to the floor, use high-quality anchor bolts through the mounting holes on the base. If using a mobile base, be sure to lock the wheels before using planer.
9. Always wear ANSI Z87.1-approved safety glasses or a face shield while using this machine. (Everyday eyeglasses only have impact-resistant lenses; they are *not* safety glasses.)
10. Before operating this machine, remove tie, rings, watches and other jewelry, and roll sleeves up past the elbows. Do not wear loose clothing. Confine long hair. Non-slip footwear or anti-skid floor strips are recommended. Do not wear gloves.
11. Wear ear protectors (plugs or muffs) during extended periods of operation.
12. Place machine so that potential kickback area is not in line with aisles, doorways, wash stations or other work areas.
13. Do not use machine in a damp or wet location or expose to rain.
14. Keep work area well lighted with non-glare overhead lighting.
15. Provide for adequate working and moving space surrounding the machine.
16. Keep the floor around the machine clean and free of scrap material, oil, and grease.
17. Keep visitors a safe distance from the work area. Keep children away.
18. Make your workshop child-proof with padlocks, master switches, or by removing starter keys.
19. Do not operate this machine while tired or under the influence of drugs, alcohol, or any medication.
20. Make certain the switch is in the OFF position before connecting the machine to the power supply.
21. Make certain the machine is properly grounded. If a cord and plug are used, make certain the grounding lug connects to a suitable ground. Follow the grounding procedure indicated by the National Electrical Code.
22. Unplug, electrically disconnect, or lock out the machine before adjusting, performing maintenance, or servicing. An accidental machine startup may cause serious injury from contact with the rotating cutterhead.
23. Before turning the machine on, remove any adjusting keys, wrenches, scraps, stock, cleaning rags, loose items, or other extra equipment. Form a habit of checking that all extra items are removed from the machine before turning it on.
24. Keep safety guards in place at all times when the machine is in use. If removed for maintenance, use extreme caution and replace the guards immediately after maintenance is complete.
25. Check damaged parts. Before further use of the machine, any guard or other damaged part should be carefully checked to ensure it will operate properly and perform its intended function. Check for alignment of moving parts, binding, breakage, mounting, and any other conditions that may affect its operation. A

- guard or any other damaged part should be properly repaired or replaced.
26. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one rated for the current your product will draw. An undersized cord will cause a drop in line voltage, resulting in loss of power and overheating. For runs up to 25 feet, use a 10 AWG or larger gauge cord.
 27. Give your work your undivided attention. Looking around, carrying on a conversation, and “horse-play” are careless acts that can result in serious injury.
 28. Maintain a balanced stance at all times so that you do not fall into the blade or other moving parts. Do not overreach or use excessive force to perform any machine operation.
 29. Use the right tool at the correct speed and feed rate. Do not force a tool or attachment to do a job for which it was not designed. The right tool will do the job better and more safely.
 30. Use recommended accessories; improper accessories may be hazardous.
 31. Maintain tools with care. Keep blades sharp and clean for the best and safest performance. Follow instructions for lubricating and changing accessories.
 32. Unplug, electrically disconnect, or lock out the machine before cleaning. Use a brush or compressed air to remove chips or debris — do not use bare hands.
 33. Do not stand on the machine. Serious injury could occur if the machine tips over.
 34. Never leave the machine running unattended. Turn the power off and do not leave the machine until it comes to a complete stop.
- ## 1.2 Planer Specific Safety Rules
35. Do not force work through the machine; allow the planer to apply the proper feed rate.
 36. Never stand directly in line with either infeed or outfeed. Always stand to one side, in case kickback occurs.
 37. Make sure workpiece is free of nails, screws, stones and other foreign objects which could damage the knife inserts and/or present a safety hazard. Do not plane boards with loose knots, or that have severe warpage.
 38. Make sure knife inserts are securely installed in cutterhead. Loose knife inserts can be propelled from the tool at high speed causing serious injury.
 39. Do not start the machine while cutterhead is contacting the workpiece.
 40. Allow cutterhead to reach full speed before feeding the workpiece.
 41. Never reach into the machine when the cutterhead is rotating.
 42. Use caution when feeding boards. When a board is engaged by the feed roller, it will be forced down onto the infeed table, causing a pinching hazard. Keep hands clear.
 43. Do not attempt to plane excessively warped boards.
 44. Support very long workpieces with an assistant or support stand.
 45. Do not attempt to feed boards from the outfeed side.
 46. Do not plane boards shorter than 6-3/4 inches in length.
 47. Do not exceed 3/32-inch depth of cut per pass.
 48. Keep knife inserts sharp for best results and safer operation. Rotate for a fresh edge or replace as needed.
 49. Plane in the direction of the board's grain. Planing against the grain can result in tear-out and splintering of the wood and increase risk of kickback. Do not plane end grain.
 50. Check the feed rollers before use for chips and sawdust lodged between components. If the rollers are not seated securely, they will not hold stock firmly against the bed, increasing the risk of kickback.

 **WARNING:** This product can expose you to chemicals including titanium dioxide which is known to the State of California to cause cancer, and lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <http://www.p65warnings.ca.gov>.

 **WARNING:** Drilling, sawing, sanding or machining wood products generates wood dust and other substances known to the State of California to cause cancer. Avoid inhaling dust generated from wood products or use a dust mask or other safeguards for personal protection.

Wood products emit chemicals known to the State of California to cause birth defects or other reproductive harm. For more information, go to <http://www.p65warnings.ca.gov/wood>.

Familiarize yourself with the following safety notices used in this manual:

⚠ CAUTION This means that if precautions are not heeded, it may result in minor injury and/or possible machine damage.

⚠ WARNING This means that if precautions are not heeded, it may result in serious, or possibly even fatal, injury.

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3.0 Introduction

This manual covers the safe operation and maintenance instructions for JET Models JWP-208HH and JWP-208HH-BLK planers. Both models are identical except for the JET Black coating applied to the main table, infeed table, and outfeed table of model JWP-208HH-BLK. This coating is an industrial-grade, low-friction, corrosion-resistant coating we call JET Black. While the JET Black coating is durable, it can be damaged if metal or other hard and/or sharp objects strike, gouge, or scratch the surface. Significant damage to the coating may affect its performance.

This manual contains instructions on installation, safety precautions, general operating procedures, maintenance instructions, and parts breakdown. This machine is designed and constructed to provide consistent, long-term operation when used as instructed in this manual. If there are any questions or comments, please contact either your local supplier or JET. JET can also be reached at our website: www.jettools.com.

Register your product using the mail-in card provided or register online:

www.jettools.com/product-registration

To quickly reach the product registration webpage, scan the QR code below.



4.0 Features

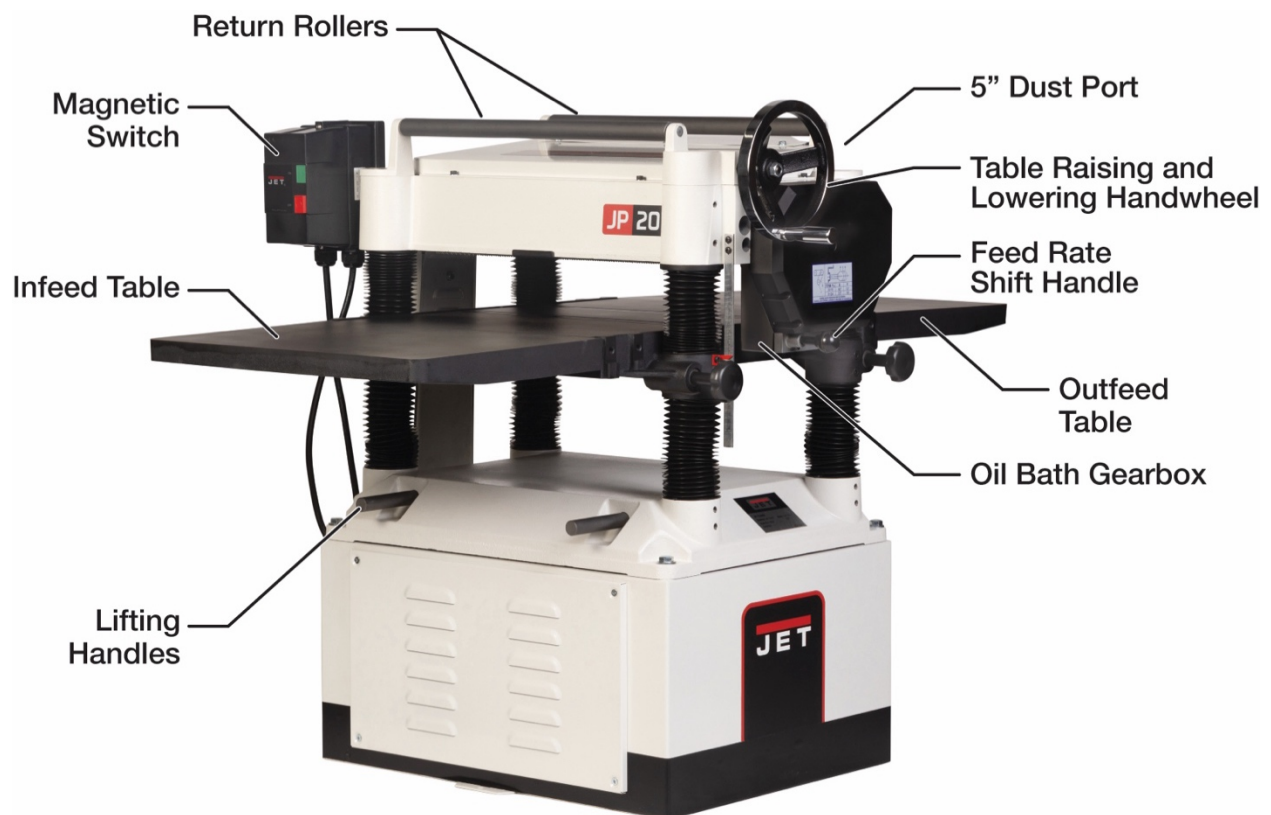


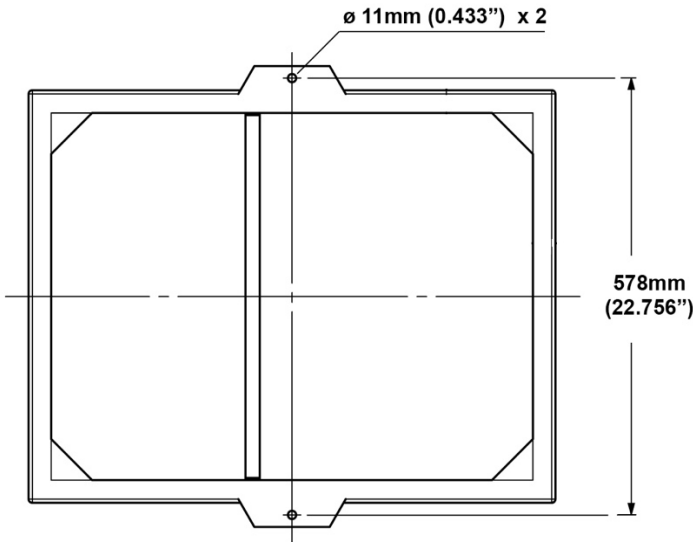
Figure 1

5.0 Specifications

Model No./Stock No.....	JWP-208HH / JT1-708544
Model No./Stock No.....	JWP-208HH-BLK / JT1-1374
Table Area (D x W).....	25-3/4" x 20"
Maximum Planing Width.....	20"
Maximum Planing Thickness	.8"
Full Width Cutting Depth	3/32"
Minimum Planing Length	6-3/4"
Helical Cutter Head	4 Rows, 68 Four-Sided Knife Inserts
Knife Insert Size (L x W x T).....	.059" x 0.59" x 0.10"
Cutterhead Speed	5,000 RPM
Cutterhead Diameter (dia.).....	3-7/32"
Feed Rate	24 FPM & 31 FPM
Motor	TEFC, 5 HP, 1 Ph, 2P, 230V, 60Hz, 20A
Dust Collection, Minimum Size.....	900CFM
Dust Chute Diameter	5"
Overall Dimensions (L x W x H)	36-5/8" x 26" x 41-3/8"
Net Weight.....	640 lbs.
Shipping Weight	765 lbs.

The specifications in this manual are given as general information and are not binding. JET reserves the right to effect, at any time and without prior notice, alterations to parts, fittings, and accessory equipment deemed necessary for any reason whatsoever.

5.1 Stand Mounting Holes



6.0 Unpacking

CAUTION

Model JWP-208HH-BLK has an industrial-grade low-friction corrosion-resistant coating on the main table and the infeed and outfeed tables. While the coating is durable, it can be damaged if metal or other hard and/or sharp objects strike, gouge, or scratch the surface. Significant damage to the coating may affect its performance. Use care when unpacking and locating the machine and during all setup and assembly procedures.

Carefully unpack the planer and any loose items from the wood crate and inspect for damage. Immediately report any damage to your distributor and shipping agent. Do not discard any shipping material until the planer is assembled and running properly. Before proceeding further, read your manual thoroughly to familiarize yourself with proper assembly, maintenance and safety procedures.

Remove the screws that hold the planer to the shipping skid. Remove the protective coating from the cutterhead and loose items packed with the machine. This coating may be removed with a soft cloth moistened with kerosene. Do not use acetone, gasoline or lacquer thinner for this purpose. Do not use solvents on plastic parts.

CAUTION

Use care when cleaning the cutterhead; the knife inserts are very sharp.

Compare the contents of your container with the following parts list to make sure all parts are intact. Missing parts, if any, should be reported to your distributor.

Crate Contents (Figure 2):

- 1 Planer (not shown)
- 1 Dust Hood
- 1 Handwheel
- 1 Key
- 1 Handle
- 1 Hardware Bag for Dust Hood:
 - 6 Hex Cap Screws, M6 x 1.0P x 12
 - 6 Flat Washers, M6
- 3 Open-End Wrenches (10-13mm, 12-14mm, 17-19mm)
- 4 Hex Wrenches (3,4,5 and 6mm)
- 2 Star Point Screwdrivers
- 10 Knife Inserts
- 10 Knife Insert Screws
- 2 Non-Coated Extension Tables (JWP-208HH only)
- 2 JET Black Coated Extension Tables (JWP-208HH-BLK only)
- 1 Hardware Bag for Extension Tables:
 - 6 Hex Cap Screws, M8 x 1.25P x 25
 - 6 Socket Set Screws, M8 x 1.25P x 12
- 1 5" to 4" Dust Port Adapter
- 1 Owner's Manual (not shown)



Figure 2

7.0 Installation & Assembly

CAUTION

Model JWP-208HH-BLK has an industrial-grade low-friction corrosion-resistant coating on the main table and the infeed and outfeed tables. While the coating is durable, it can be damaged if metal or other hard and/or sharp objects strike, gouge, or scratch the surface. Significant damage to the coating may affect its performance. Use care when installing and assembling the machine.

1. There are four lifting handles (Figure 3) on the machine. Pull the handles out for use, push in when not in use.
2. If a sling or forklift is used to lift the machine, be sure to lift by the handles only (see Figure 3). Make sure machine is kept in level position while lifting.
3. For best planing performance, locate planer on a solid, level foundation and anchor to the floor with good quality lag screws. Do not tighten screws completely yet.
4. With machine in position, test table surface lengthwise and crosswise with machinist's level. Place metal shims under low corners.
5. Check that all four corners are supported, then tighten lag screws.
6. Re-test level of table surface in both directions and adjust if necessary.

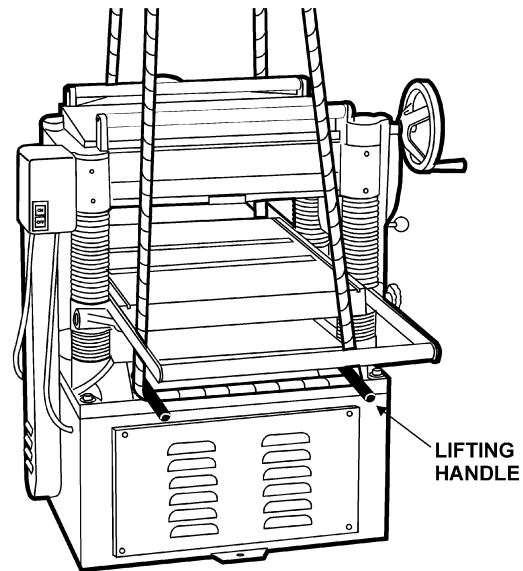


Figure 3

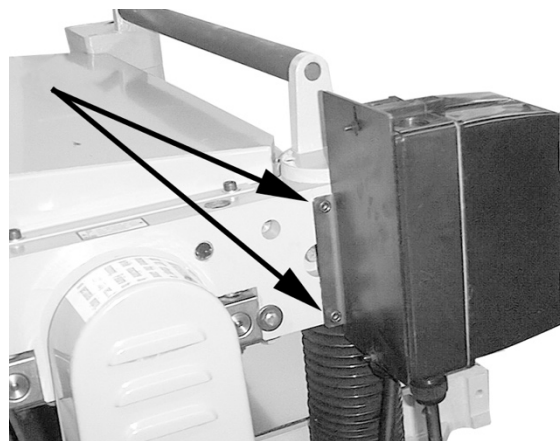


Figure 4

7.1 Starter Box

Mount the starter box at the left side of the machine with two socket head cap screws (Figure 4).

7.2 Handwheel

1. Remove the nut and washer from the gearbox shaft. Insert the key into the slot on the gearbox shaft (see Figure 5).
2. Place the handwheel onto the shaft (see Figure 5), making sure it is oriented so the handwheel slips over the key.
3. Place flat washer and hex nut on shaft and tighten with wrench.
4. Mount the handle in the threaded hole in the handwheel and tighten with a wrench placed over the flat on the handle.

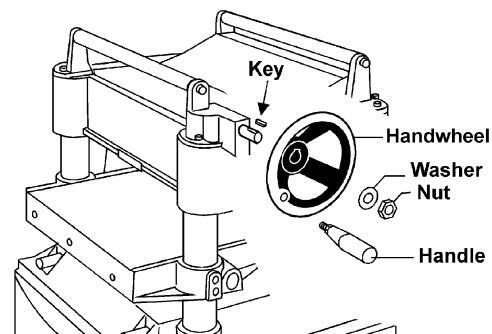


Figure 5

7.3 Extension Tables

1. Mount the first extension table to the edge of the main table with three M8 x 25 hex cap screws (see Figure 6). Do not fully tighten yet.
2. The extension table must be leveled with the main table. Place a straight edge across both tables.
3. Insert three socket set screws with a hex wrench and screw them in or out as needed until tables are level.
4. Securely tighten the hex cap screws.
5. Mount the second extension table to the opposite side of the planer table, using the same procedure.

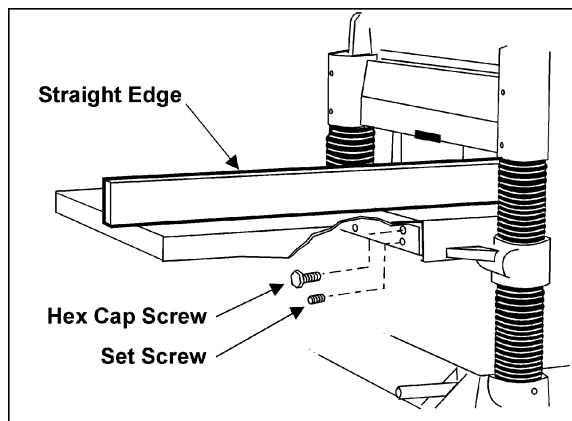


Figure 6

7.4 Dust Collection Hood

The dust collection hood comes standard with this machine and helps maintain a clean and safe work area. Attach dust collection hood to the planer with the M6 x 12 hex cap screws and 1/4" washers as shown in Figure 7.

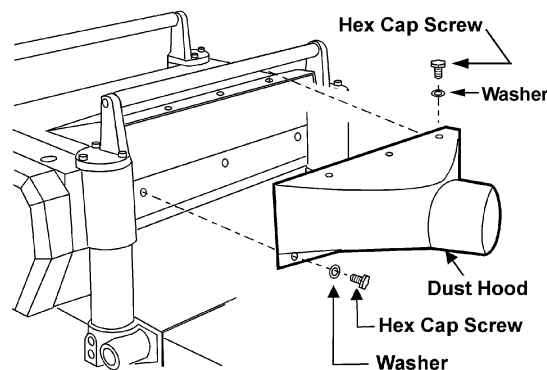


Figure 7

IMPORTANT: Make sure all knife inserts are tight before operating machine. Verify tightness of each insert (re-torque) before using the machine for the first time.

8.0 Electrical Connections

⚠ WARNING Electrical connections must be made by a qualified electrician in compliance with all relevant codes. The machine must be properly grounded to help prevent electrical shock and possible fatal injury.

This planer is wired for 230V power. A power plug is not provided. You may either connect a proper 230V plug or "hard-wire" the machine directly to your electrical panel provided there is a disconnect near the machine. See Section 14, *Electrical Schematic*

Rated amps	Length of cord		
	25 ft.	50 ft.	100 ft.
0-6	18	16	16
7-10	18	16	14
11-12	16	16	14
13-16	14	12	12
17-20	12	12	10
21-30	10	10	Not recommended

Figure 8

for further clarification of wiring setup.

Before connecting to power source, be sure On/Off switch is in *off* position.

It is recommended that the planer be connected to a dedicated 40-amp circuit with circuit breaker or fuse. If connected to a circuit protected by fuse, use time delay fuse marked "D". **Local codes take precedence over recommendations.**

This machine must be grounded. Grounding provides a path of least resistance to help divert current away from the operator in case of electrical malfunction.

Make sure the voltage of your power supply matches the specifications on the motor plate of the machine.

8.1 Extension Cords

The use of extension cords is discouraged; try to position the machine within reach of the power source. If an extension cord becomes necessary, make sure the cord rating is suitable for the amperage listed on the machine's motor plate. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.

The chart in Figure 8 shows the correct size cord to use based on cord length and motor plate amp rating. If in doubt, use the next heavier gauge. The smaller the gauge number the heavier the cord.

9.0 Adjustments

⚠ CAUTION

Model JWP-208HH-BLK has an industrial-grade low-friction corrosion-resistant coating on the main table and the infeed and outfeed tables. While the coating is durable, it can be damaged if metal or other hard and/or sharp objects strike, gouge, or scratch the surface. Significant damage to the coating may affect its performance. Use care when making adjustments to this machine.

9.1 Belt and Pulleys

1. Disconnect machine from power source.
2. Using a straight edge, align the motor pulley (A, Figure 9) and cutterhead pulley (B, Figure 9). The motor plate can be moved for alignment by loosening the set screws (C, Figure 10) in the motor plate.

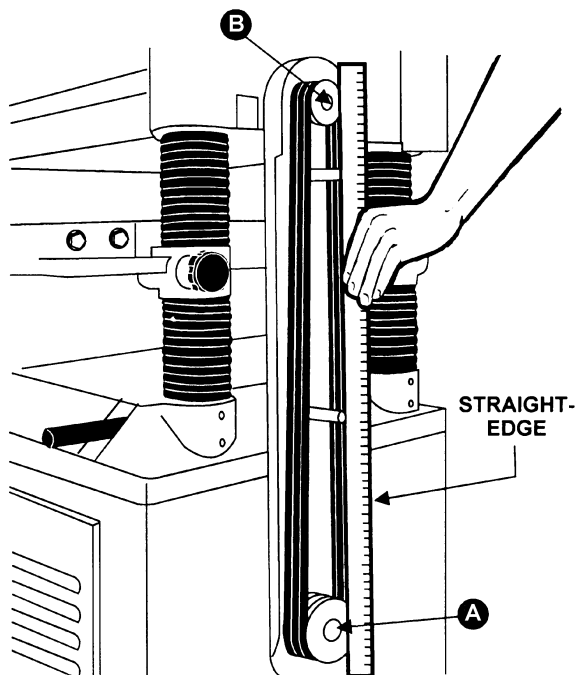


Figure 9

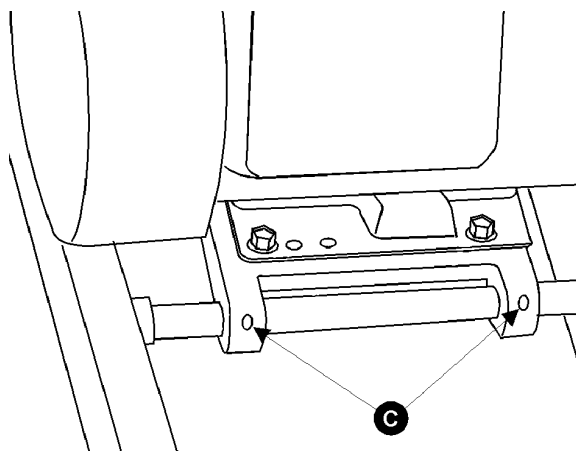


Figure 10

3. Check belt tension. Proper tension is obtained when there is approximately 1/4" deflection of the center span of the pulleys using light finger pressure (Figure 11).

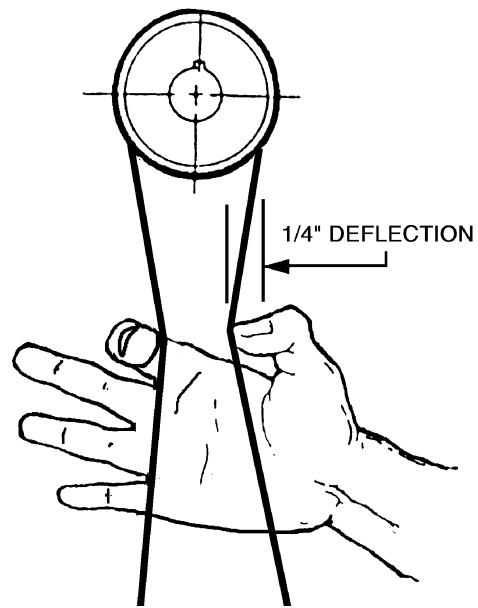


Figure 11

4. If adjustment of belt tension is necessary, loosen one pair of hex nuts (E & F, Figure 12) and turn the other pair to raise or lower the motor plate. Re-tighten nuts.

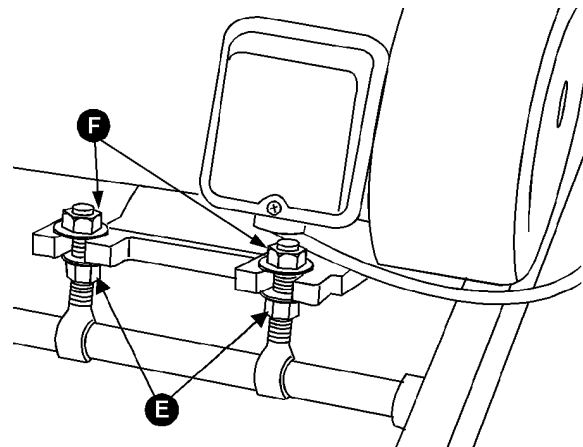


Figure 12

9.2 Adjusting Depth of Cut

Refer to Figure 13

The cutting depth scale (A) is a combination inch/metric scale with a cutting range from 0 to 8" (204mm). The distance of upward or downward movement is controlled by the handwheel (B). One revolution of the handwheel is .059" (1.5mm). Before moving the table up or down, loosen the lock knobs (C). After obtaining the proper table position, tighten the lock knobs (C).

⚠ WARNING Always tighten the lock knobs before operating the planer.

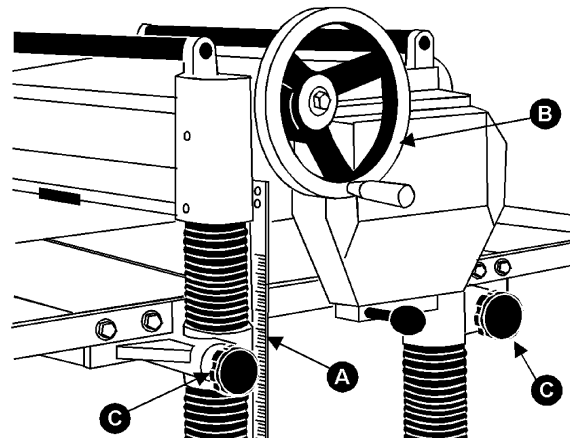


Figure 13

9.3 Replacing or Rotating Knife Inserts

Disconnect machine from power source.

The knife inserts are four-sided. When dull, simply remove each insert, rotate it 90° for a fresh edge, and re-install it.

Use the provided star point screwdriver to remove the knife insert screw (see Figure 14). 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 rotations.

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.

Before installing each screw, lightly coat the screw threads with machine oil and wipe off any excess.

Securely tighten each knife insert screw before operating the planer.

⚠ WARNING Make sure all knife insert screws are tightened securely. Loose inserts can be propelled at high speed from a rotating cutterhead, causing injury.

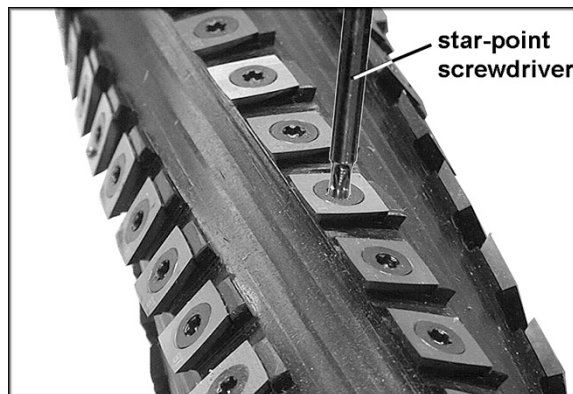


Figure 14

9.4 Cutterhead Adjustment - Overview

Although your planer was carefully adjusted at the factory, it should be checked before being put into operation. Any inaccuracies due to rough handling in transit can easily be corrected by following these directions.

To check the adjustments, you will need a straight edge, feeler gauge, and a homemade gauge block made of hardwood. This gauge block can be made by following the dimensions shown in Figure 15.

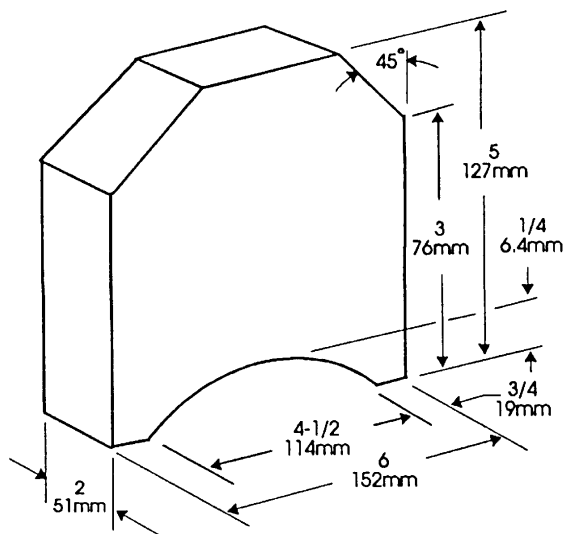


Figure 15

9.5 Checking Work Table Parallel to Cutterhead

The work table is set parallel to the cutterhead at the factory and no further adjustment should be necessary. If your machine is planing a taper, first check to see if the knife inserts are set properly in the cutterhead. Then check to see if the work table is set parallel to the cutterhead. Proceed as follows:

1. Disconnect machine from power source.
2. Place the gauge block (Figure 16) on the work table directly under the edge of a knife insert as shown. Make slight contact with the knife insert edge by gently raising the table.
3. Move the gauge block to the opposite end of the work table. The distance from the work table to the edge of the knife insert should be the same on both ends of the cutterhead.

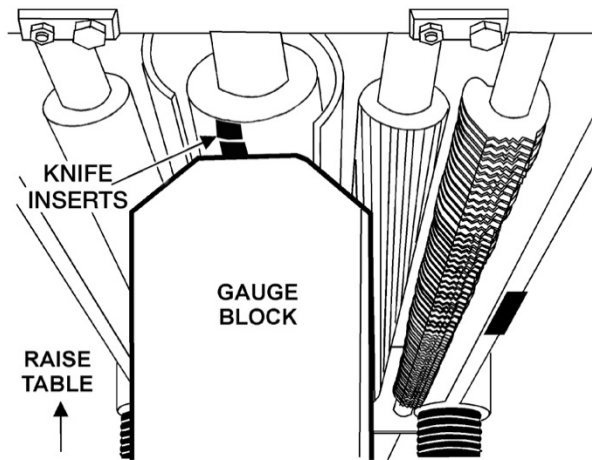


Figure 16

9.6 Adjusting Work Table Parallel to Cutterhead

Refer to Figure 17

If the work table is not parallel to the cutterhead, perform the adjustment procedure as follows:

1. Disconnect the machine from power source.
2. Tilt planer on its side to expose underside of base, as shown in Figure 17.
3. Remove bolt (A) and loosen bolt (B) which will allow you to move the idler sprocket assembly (C) far enough to release tension on the chain.
4. Remove chain from the particular sprocket on corner of base that must be adjusted.

Turn the sprocket by hand to bring that corner into adjustment with the other three corners. NOTE: Turning sprocket clockwise will increase the distance between the working table and headcasting. Turning sprocket counterclockwise will decrease the distance. This adjustment is very sensitive, and it should not be necessary to turn the sprocket more than one or two teeth.

5. When adjustments are correct, replace chain around corner sprocket, slide sprocket (C) back to re-tension chain, tighten bolt (B) and replace and tighten bolt (A).

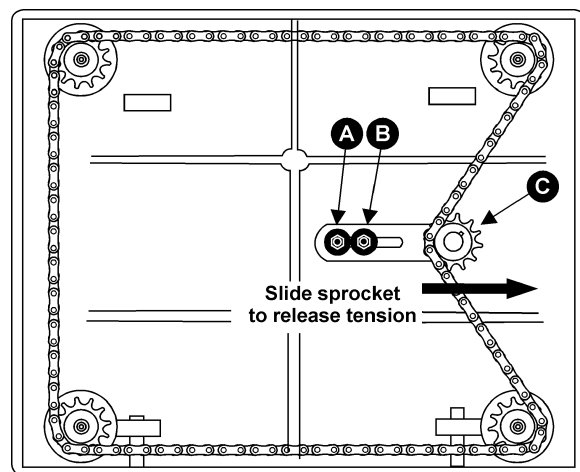


Figure 17

Know the Transmitting Rollers of Your Planer

- A – Anti-Kickback Fingers
- B – Infeed Roller
- C – Chipbreaker
- D – Cutterhead
- E – Pressure Bar
- F – Outfeed Roller

The infeed roller (B, Figure 18) and outfeed roller (F, Figure 18) are those parts of your planer that feed the stock while it is being planed. The infeed and outfeed rollers are under spring tension and this tension must be sufficient to feed the stock uniformly through the planer without slipping but should not be so tight that it causes damage to the board. The tension should be equal at both ends of each roller.

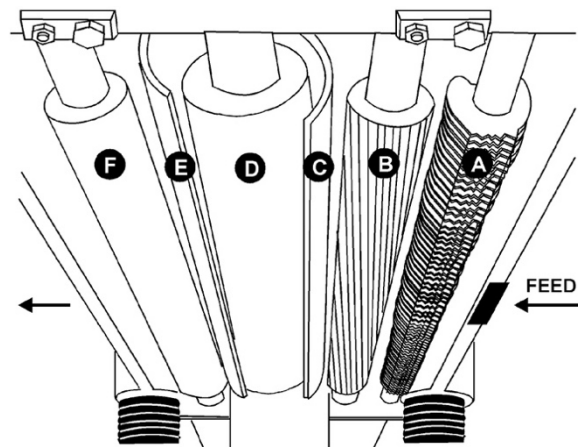


Figure 18

9.7 Anti-Kickback Fingers

The anti-kickback fingers (A, Figure 18) help prevent kickback of stock. They operate by gravity and it is necessary to inspect them occasionally to make sure they are free of gum and pitch, so that they move independently and operate correctly.

9.8 Adjusting Infeed & Outfeed Roller Spring Tension

To adjust the spring tension of the infeed and outfeed rollers, turn screws (G & H, Figure 19) with a hex wrench. Turn screws on opposite end of infeed/outfeed rollers in the same manner.

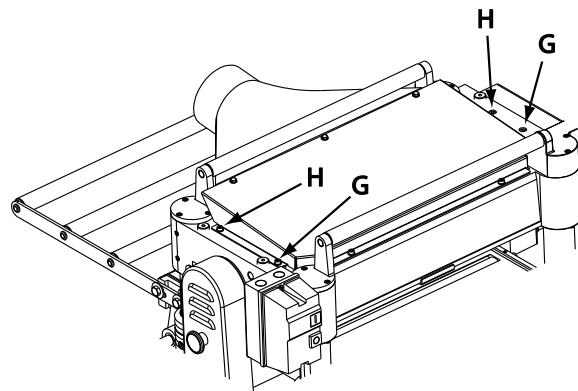


Figure 19

CUTTING - ROLLER ASSEMBLY (SIDE VIEW)

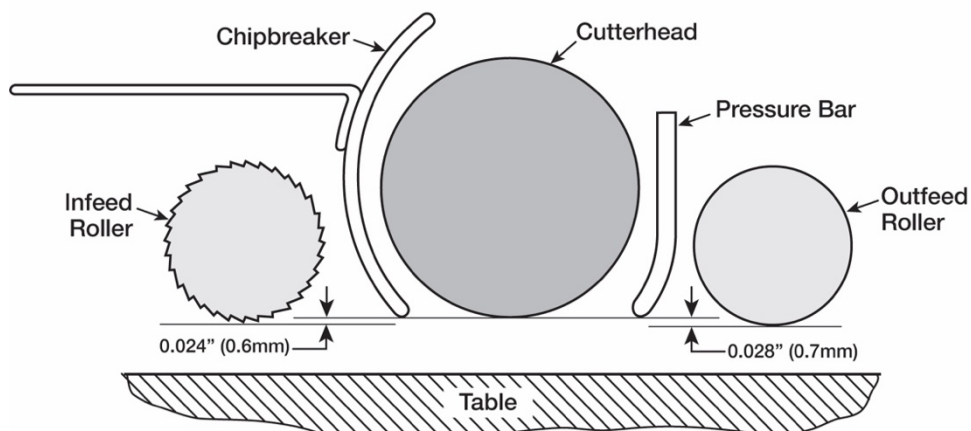


Figure 20

9.9 Height of Infeed Roller, Chipbreaker, Pressure Bar & Outfeed Roller

The infeed roller, chipbreaker, pressure bar and outfeed roller are adjusted at the factory. The chipbreaker and pressure bar should be even with the cutting arc; the infeed roller should be set at 0.024" (0.6mm) below the cutting arc; and the outfeed roller should be set at 0.028" (0.7mm) below the cutting arc. See Figure 20.

If an adjustment to the infeed roller, chipbreaker, pressure bar or outfeed roller is necessary, use the following steps as an example.

NOTE: The process below is for checking and adjusting the outfeed roller. Follow the same steps below to check and adjust the infeed roller, but use the measurements shown in Figure 20.

To check and adjust the outfeed roller below the cutting arc, proceed as follows:

1. Disconnect machine from power source.
2. Make sure the knife inserts are adjusted properly as previously explained under "Replacing or Rotating Knife Inserts."
3. Place the gauge block (J, Figure 21) on the table directly underneath the cutterhead (D, Figure 21). Using a 0.028" (0.7mm) feeler gauge (K, Figure 21) placed on top of the gauge block, raise the working table until the knife inserts just touch the feeler gauge when the knife inserts are at their lowest point. Do not move the working table any further until the outfeed roller is adjusted.

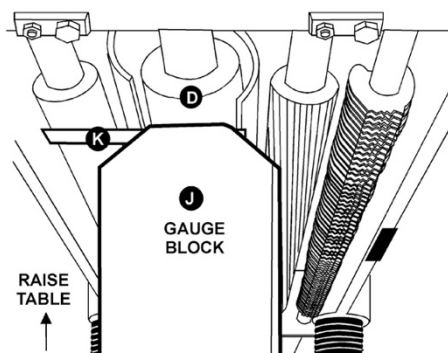


Figure 21

4. Remove the feeler gauge and move the gauge block (J, Figure 22) under one end of the outfeed roller (F, Figure 22). The bottom of the outfeed roller should just touch the top of the gauge block. If an adjustment to the outfeed roller is necessary, loosen the lock nut (L, Figure 22) and turn screw (M, Figure 22) until the outfeed roller just touches the gauge block. Then tighten lock nut (L, Figure 22).
5. Check and adjust opposite end of the outfeed roller in the same manner.

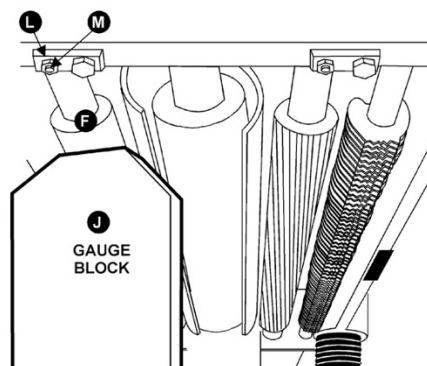


Figure 22

9.10 Feed Speed Control

Your machine is equipped with a spiral, serrated infeed roller and a solid outfeed roller. When the feed rollers are engaged, they turn to feed the stock. The feed rollers slow automatically when the machine is under heavy load for best planing in all conditions. The feed rollers are driven by chains (A, Figure 23) and sprockets (B, Figure 23) which are powered directly from the cutterhead through the oil bath gearbox (C, Figure 23).

The gearbox has two feed speeds. These are set by pulling out or pushing in the shift lever (D, Figure 23) while the machine is running. The feed speed range is shown in Figure 29.

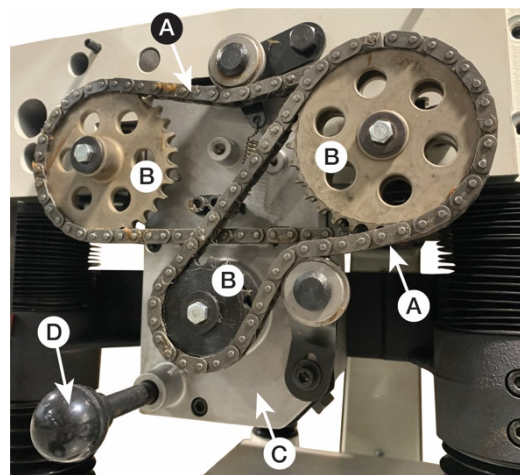


Figure 23

9.11 Using Low Speed Gear Kit (optional accessory) for Lowest Feed Speed

The Low Speed Gear Kit (708583) is an optional accessory you can order from JET Tools service department.

This kit provides the lowest feed speeds for your planer (16.2 fpm & 20.7 fpm) by allowing you to replace the lower gear shaft sprocket and chain. To change the sprocket and chain on your machine, proceed as follows:

1. Disconnect machine from power source.
2. Remove the handwheel by removing hex nut and washer and sliding handwheel off of worm gear shaft (see Figure 24). Make sure the key in the worm gear shaft is not lost.



Figure 24

3. There are two safety plates attached to the rear of the gearbox cover. These plates are on each side of the gearbox cover and can't be seen when the cover is installed. The safety plates are held in place by mounting screws which are accessed from the front of the gearbox cover (see Figure 25). Remove the top mounting screws on each safety plate (see Figure 26). Reach behind the gearbox cover and swing both safety plates down (see Figure 26). You may need to slightly loosen the lower mounting screws to allow the safety plates to pivot. Also, when pivoting the right-side safety plate, it may contact the table locking knob. This problem will be taken care of in step 4.

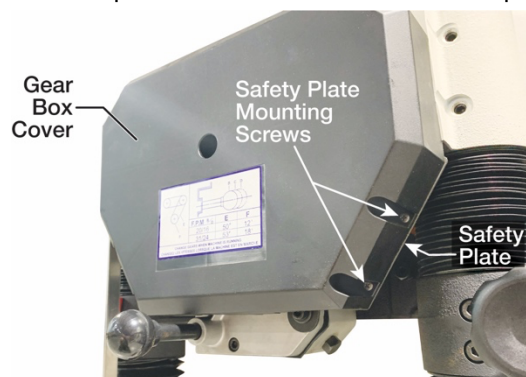


Figure 25

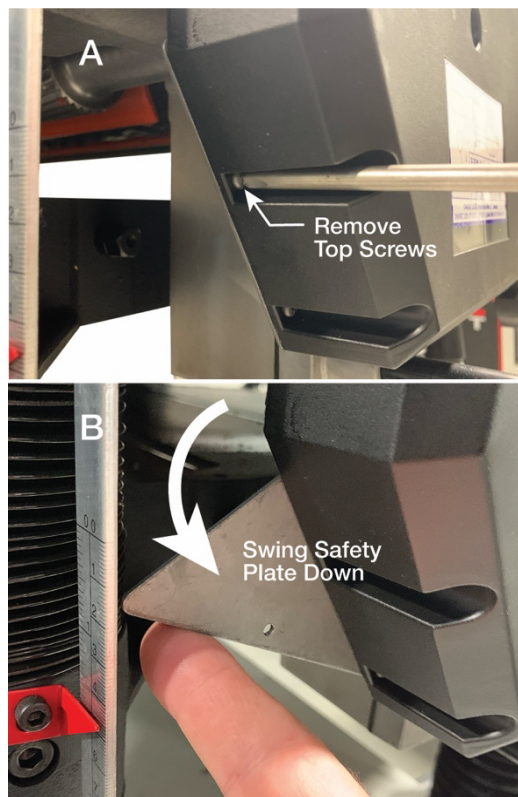


Figure 26

4. Using a 6mm hex wrench, remove gearbox cover mounting screw located in the center of cover (see Figure 27). With this screw removed, adjust the cover to allow the right-side safety plate to swing down freely. Remove the cover.

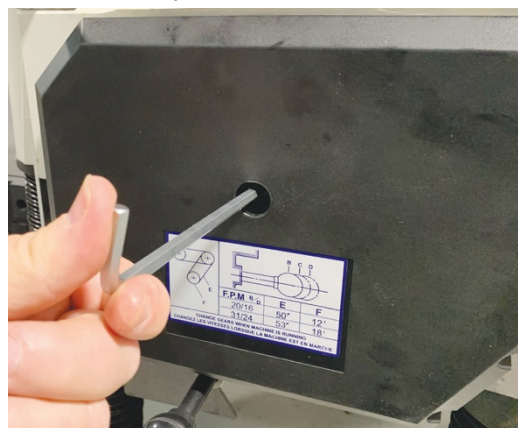


Figure 27

5. Loosen the lower idler mounting bolt (A, Figure 28) and rotate lower idler (B, Figure 28) away from the outer chain (C, Figure 28).
6. Remove the outer chain from the upper right sprocket (D, Figure 28) and lower gear shaft sprocket (E, Figure 28).
7. Remove the hex cap screw and washer (F, Figure 28) from the lower gear shaft sprocket (E, Figure 28).

8. Remove the lower gear shaft sprocket and replace with smaller sprocket from kit. Reattach the washer and hex cap screw to secure the new lower gear shaft sprocket.
9. Install the shorter chain from the kit to the lower gear shaft sprocket and upper right sprocket.
10. Rotate lower idler (B, Figure 28) to contact the chain as shown in Figure 28. Tighten the lower idler mounting bolt (A, Figure 28).
11. Replace gearbox cover and handwheel by reversing steps 1 – 4.

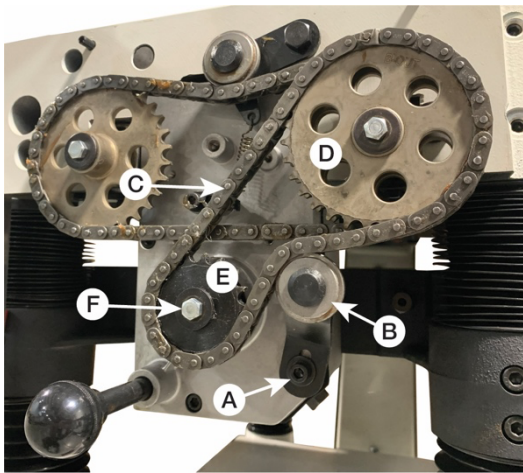


Figure 28

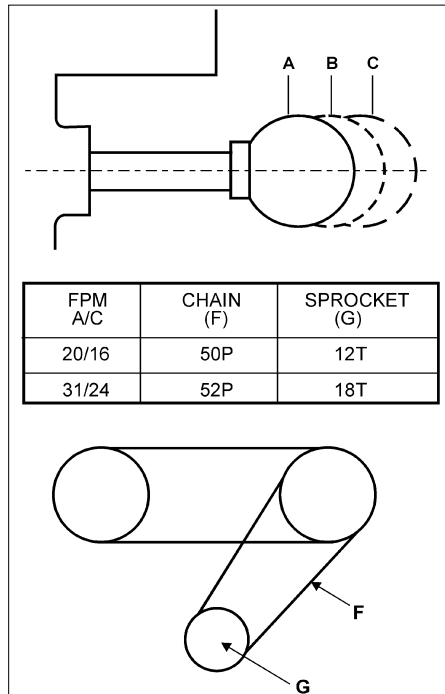


Figure 29

9.12 Return Rollers

The two return rollers on the top of the machine serve as a convenient rest for stock. They save time and motion for the operator as the stock is returned to the infeed side.

10.0 Maintenance

⚠ WARNING Disconnect machine from power source before doing any maintenance. Failure to comply may cause serious injury.

⚠ CAUTION Model JWP-208HH-BLK has an industrial-grade low-friction corrosion-resistant coating on the main table and the infeed and outfeed tables. While the coating is durable, it can be damaged if metal or other hard and/or sharp objects strike, gouge, or scratch the surface. Significant damage to the coating may affect its performance. Use care when performing maintenance on this machine.

Periodic or regular inspections are required to ensure that the machine is in proper adjustment, that all screws are tight, that belts are in good condition, that dust has not accumulated in the electrical enclosures, and that there are no worn or loose electrical connections.

Buildup of sawdust and other debris can cause your machine to plane inaccurately. Periodic cleaning is not only recommended but mandatory for accurate planing.

Close-fitting parts should be cleaned with a cloth or brush and non-flammable solvent.

Remove resin and other accumulations from feed rollers and table with a soft rag and non-flammable solvent.

Periodically check all the chains for proper tension and adjust accordingly if required.

⚠ WARNING Make sure all knife insert screws are tightened securely. Loose inserts can be propelled at high speed from a rotating cutterhead, causing injury.

10.1 Lubrication

The bearings on the cutterhead are factory lubricated and sealed for life – no lubrication required.

The gearbox oil level must be checked and added to (if needed) every 30 hours of operation. Replace gearbox oil every 2,500 hours of operation. Use a high quality 70-90 weight gear oil.

To replace the gearbox oil, proceed as follows:

1. Disconnect machine from power source.
2. Remove the handwheel by removing hex nut and washer and sliding handwheel off of worm gear shaft (see Figure 30). Make sure the key in the worm gear shaft is not lost.

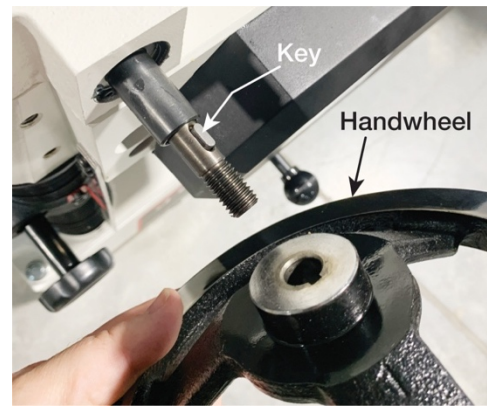


Figure 30

3. There are two safety plates attached to the rear of the gearbox cover. These plates are on each side of the gearbox cover and can't be seen when the cover is installed. The safety plates are held in place by mounting screws which are accessed from the front of the gearbox cover (see Figure 31). Remove the top mounting screws on each safety plate (see Figure 32). Reach behind the gearbox cover and swing both safety plates down (see Figure 32). You may need to slightly loosen the lower mounting screws to allow the safety plates to pivot. Also, when pivoting the right-side safety plate, it may contact the table locking knob. This problem will be taken care of in step 4.

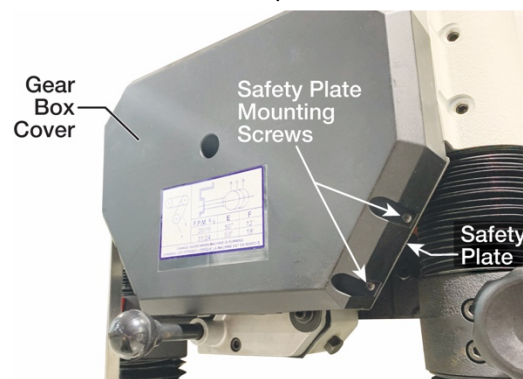


Figure 31

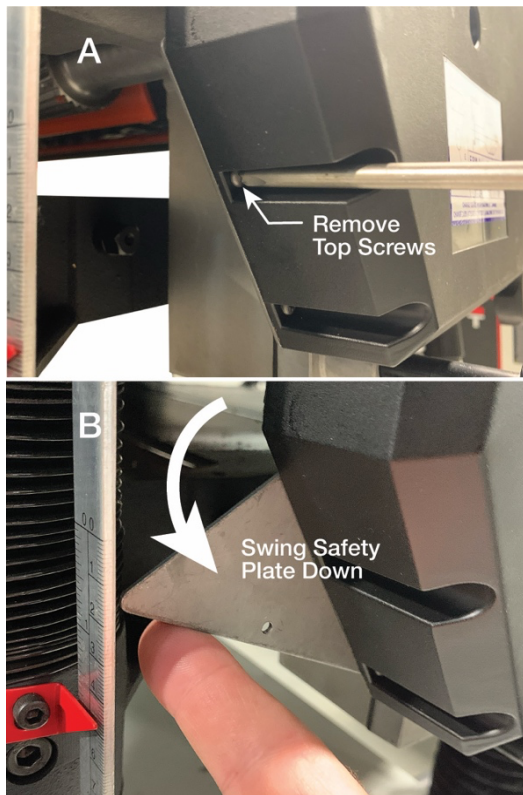


Figure 32

4. Using a 6mm hex wrench, remove gearbox cover mounting screw located in the center of cover (see Figure 33). With this screw removed, adjust the cover to allow the right-side safety plate to swing down freely. Remove the cover.

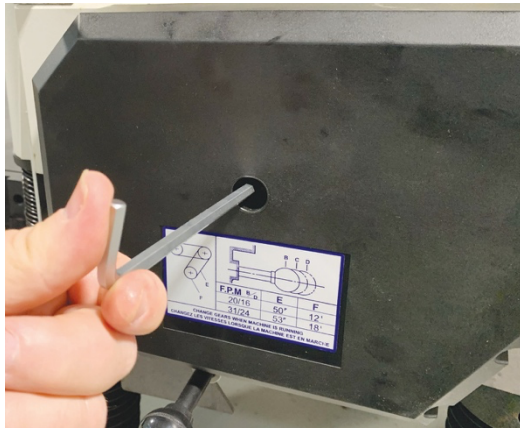


Figure 33

5. Remove the oil fill level plug (Figure 34).
6. Remove the oil drain plug (Figure 34) and allow all gearbox oil to drain. Properly dispose of used gearbox oil.

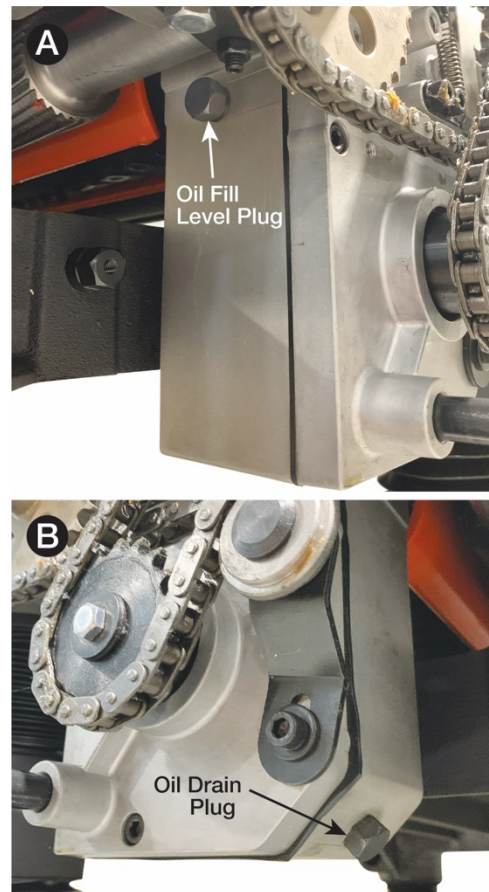


Figure 34

7. Replace and tighten oil drain plug in gearbox. Remove oil fill socket head cap screw from head casting (Figure 35).
8. Add high quality 70-90 weight gear oil. Fill and carefully watch the open oil fill level hole (Figure 34). The gearbox is full when gear oil starts to seep from open oil fill level hole. Replace and tighten oil fill level plug.
9. Replace gearbox cover and handwheel by reversing steps 1 – 4.



Figure 35

[The item numbers on this chart are referenced with the accompanying illustrations.]

No.	Position	Interval	Suitable Types of Lubricant	Fig. No.
1	Drive Chain	Frequently	Grease	23
2	Gearbox	When operated more than 2,500 hours	70 to 90 weight gear oil	34,35
3	Return Rollers	Frequently	SAE-30	37
4	Worm Gear	Frequently	Grease	38
5	Lead Screw	Frequently	Grease	38
6	Column	Frequently	Clean and SAE-30	38
7	Table Chain	Frequently	Grease	39
8	Feed Rollers	Frequently	SAE-30	40

Figure 36

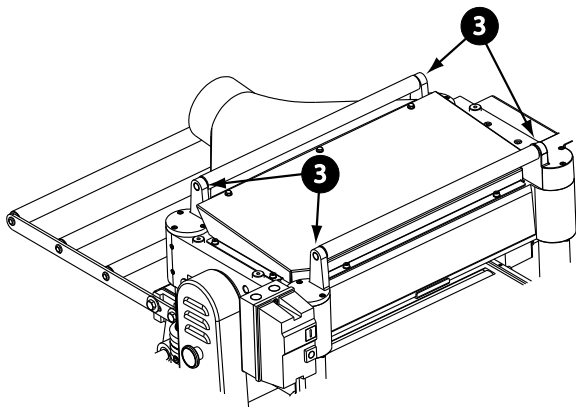


Figure 37

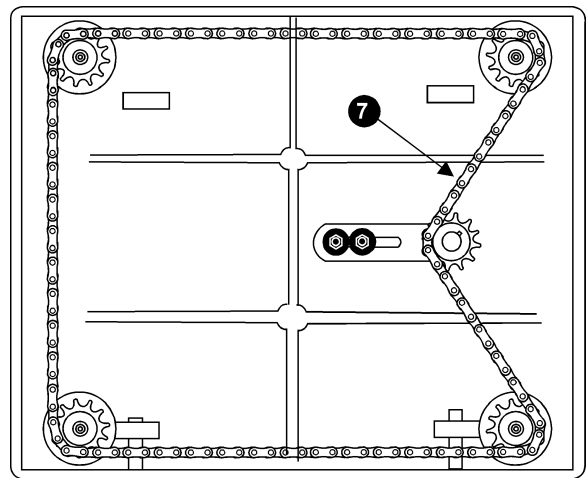


Figure 39

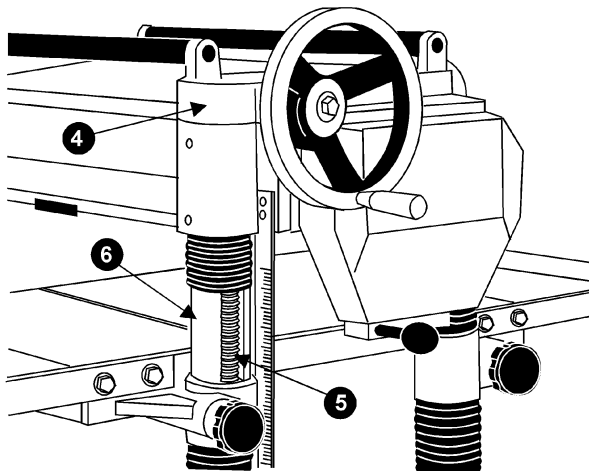


Figure 38

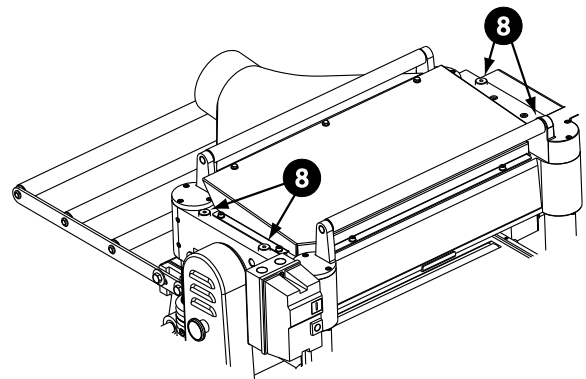


Figure 40

11.0 Troubleshooting

Operating Problems

Problem	Possible Cause	Solution
Snipe. (Snipe cannot be eliminated but can be minimized so as to become negligible.)	Inadequate support of long boards. Uneven feed roller pressure front to back. Dull Knife inserts. Lumber not butted properly.	Support long boards with extension rollers. Adjust feed roller tension. Rotate or replace knife inserts. Butt end to end each piece of stock as they pass through.
Fuzzy Grain	Planing wood with a high moisture content. Dull knife inserts.	Remove high moisture content from wood by drying. Rotate or replace knife inserts.
Torn Grain	Too heavy a cut. Knife inserts cutting against grain. Dull knife inserts.	Adjust proper depth of cut. Cut along the grain. Rotate or replace knife inserts.
Rough/Raised Grain	Dull knife inserts. Too heavy a cut. Moisture content too high.	Rotate or replace knife inserts. Adjust proper depth. Remove high moisture content from wood by drying.
Rounded, glossy surface	Dull knife inserts. Feed speed too slow. Cutting depth too shallow.	Rotate or replace knife inserts. Increase speed. Increase depth.
Poor feeding of lumber	Inadequate feed roller pressure. Planer bed rough or dry.	Adjust feed roller tension. If proper tension cannot be achieved, replace feed rollers. Clean pitch and residue.

Mechanical and Electrical Problems

Problem	Possible Cause	Solution
Uneven depth of cut side to side.	Cutterhead not level with bed.	Level bed.
Board thickness does not match depth of cut scale.	Depth of cut scale incorrect.	Adjust depth of cut scale.
Chain jumping.	Inadequate tension. Sprockets worn.	Adjust chain tension. Replace sprockets.

Problem	Possible Cause	Solution
Machine will not start/restart or Repeatedly trips circuit breaker or blows fuses.	No incoming power.	Verify unit is connected to power.
	Overload automatic reset has not reset.	When planer overloads on the circuit breaker built into the ON/OFF switch, it takes time for the machine to cool down before restart. Press the OFF button and allow unit to adequately cool before attempting restart. If problem persists, contact JET technical support.
	Planer frequently trips.	One cause of overloading trips is too deep a cut. If too deep a cut is not the problem, check the sharpness of the blade inserts. If blades are sharp, check the amp setting on the overload relays. Match the full load amps on the motor as noted on the motor plate. If amp setting is correct, check for low voltage supplying the machine. If voltage is correct, there is probably a loose electrical lead. Check amp setting on motor starter.
	Building circuit breaker trips or fuse blows.	Verify that planer is on a circuit of correct size. If circuit size is correct, check the wire size of your extension cord (if used). Use a minimum 10 AWG or larger extension cord. There is probably a loose electrical lead. Check amp setting on motor starter.
	Loose electrical connections.	Go through all the electrical connections on the planer including motor connections, verifying the tightness of each. Look for any signs of electrical arcing which is a sure indicator of loose connections or circuit overload.
	Motor starter failure.	Examine motor starter for burned or failed components. If damage is found, replace motor starter. If the motor starter looks okay but is still suspect, you have two options: have a qualified electrician test the motor starter for function or purchase a new starter and establish if that was the problem on change-out.
	ON/OFF switch failure or motor failure.	If you have access to a voltmeter, you can separate a ON/OFF switch failure from a motor failure by first, verifying incoming voltage at 230V +/- 10% and second, checking the voltage between starter and motor at 230 +/- 10%. If incoming voltage is incorrect, you have a power supply problem. If voltage between starter and motor is correct, you have a motor problem. If the electrical motor is suspect, you have two options: Have a qualified electrician test the motor for function or remove the motor and take it to a qualified electric motor repair shop and have it tested.

Problem	Possible Cause	Solution
	Miswiring of the unit.	Double check to confirm all electrical connections are correct and tight. Refer <i>Section 14, Electrical Schematic</i> to make any needed corrections.

12.0 Optional Accessories

Stock No	Description
JT9-708119	Mobile Base
JT9-708520	Digital Read-out Retrofit Kit
JT9-708583	Low Speed Gear Kit
JT9-1791212A.....	Knife Inserts (set of 10)

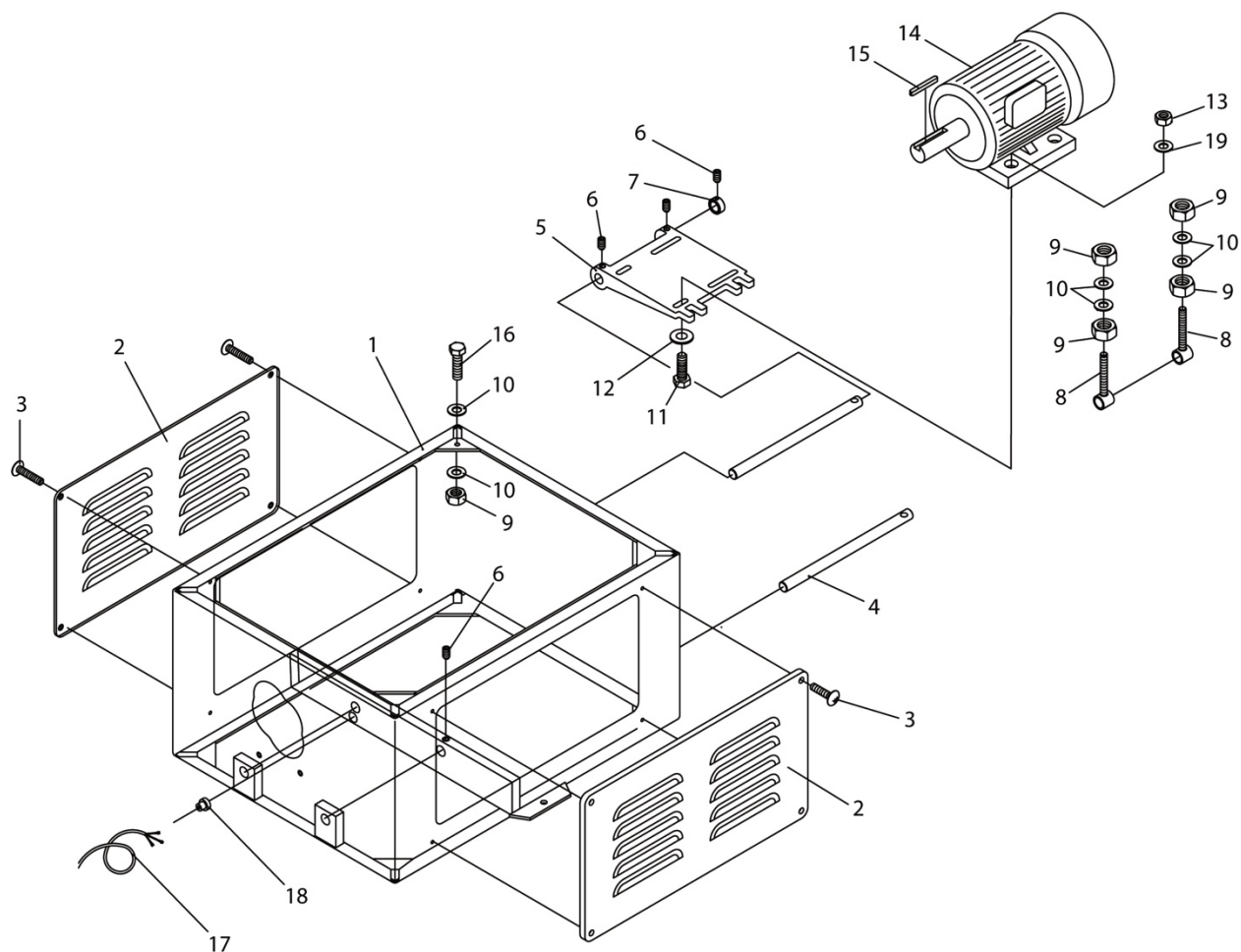
13.0 Ordering Replacement Parts

To order parts or reach our service department, call 1-800-274-6848, Monday through Friday (see our website for business hours, www.jettools.com). Having the Model Number and Serial Number of your machine available when you call will allow us to serve you quickly and accurately.

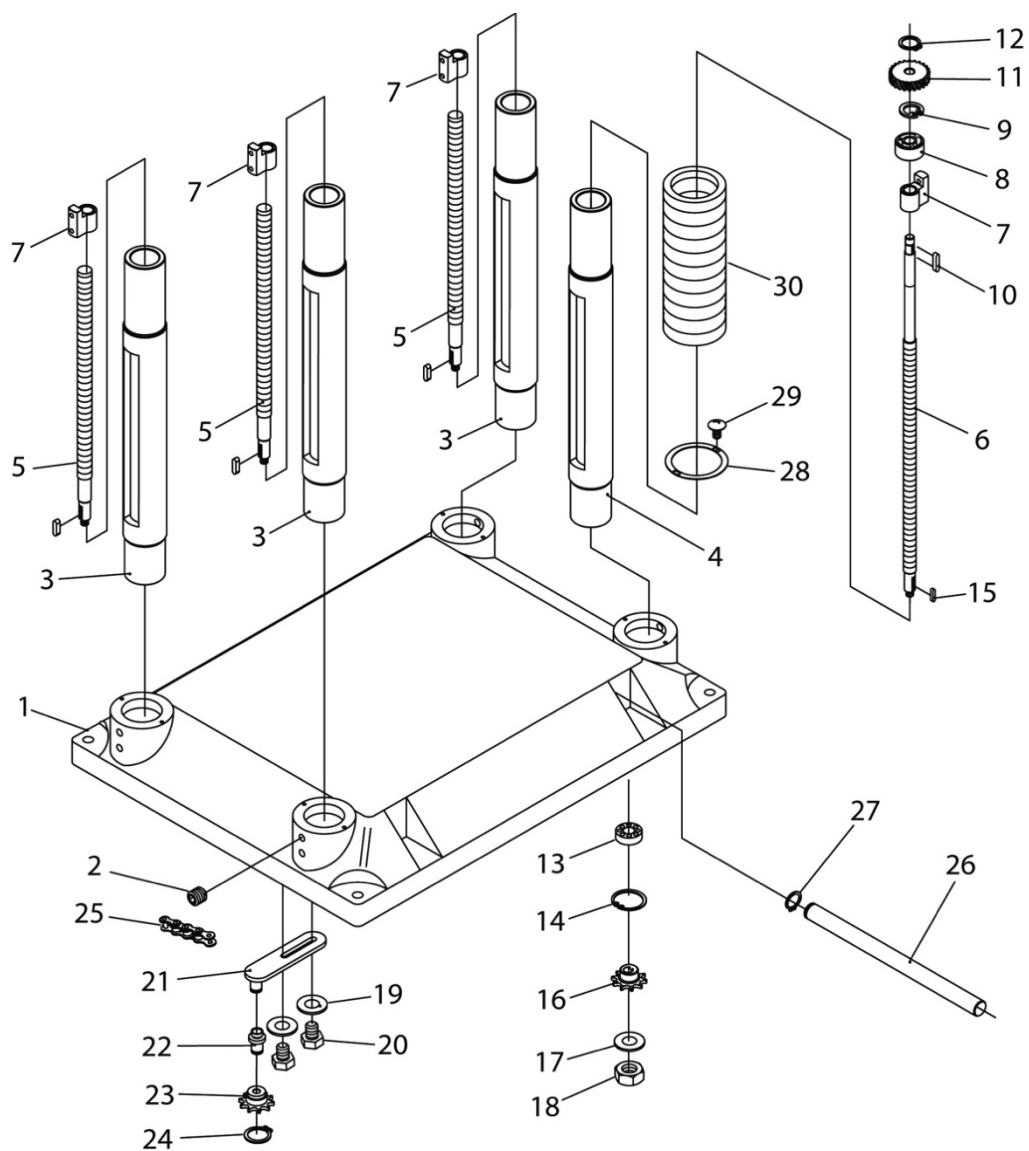
13.1.1 Stand and Motor – Parts and Exploded View

Index	Part No.	Description	Size	Qty
1	**	Stand		1
2	**	Cover		2
3	JT9-TS-2286201	Flat Head Machine Screw	M6 x 20	8
4	JT9-6292796	Bar		2
5	JT9-JWP208-405	Motor Mount		1
6	CM9-TS-1524011	Set Screw	M8 x 8	4
7	**	Collar		1
8	JT9-JWP208-408	Adjust Bolt		2
9	JT9-TS-1540081	Nut	M12	8
10	JT9-TS-0680061	Washer	1/2	4
11	JT9-TS-1490041	Hex Cap Screw	M8 x 35	4
12	JT9-TS-0680031	Washer	5/16	4
13	JT9-TS-1540061	Nut	M8	4
14	JT1-1530	Motor	5HP, 1Ph, 230V	1
15	JT9-JWP208-415	Key		1
16	JT9-TS-1492051	Hex Cap Screw	M12 x 50	4
17	JT9-JWP208HH-417	Power Cord		1
18	JT1-1531	Strain Relief		1
19	JT9-TS-0680031	Washer	5/16	4
	JT1-119	JET Logo (not shown)	8" x 8"	1
	JT1-121	JET Stripe (not shown)	90mm x 2495mm ... per ft.	

** These parts are shown for reference only and are not available for order individually. Non-proprietary parts, such as fasteners, can usually be found at local hardware stores.



13.2.1 Base and Column – Exploded View

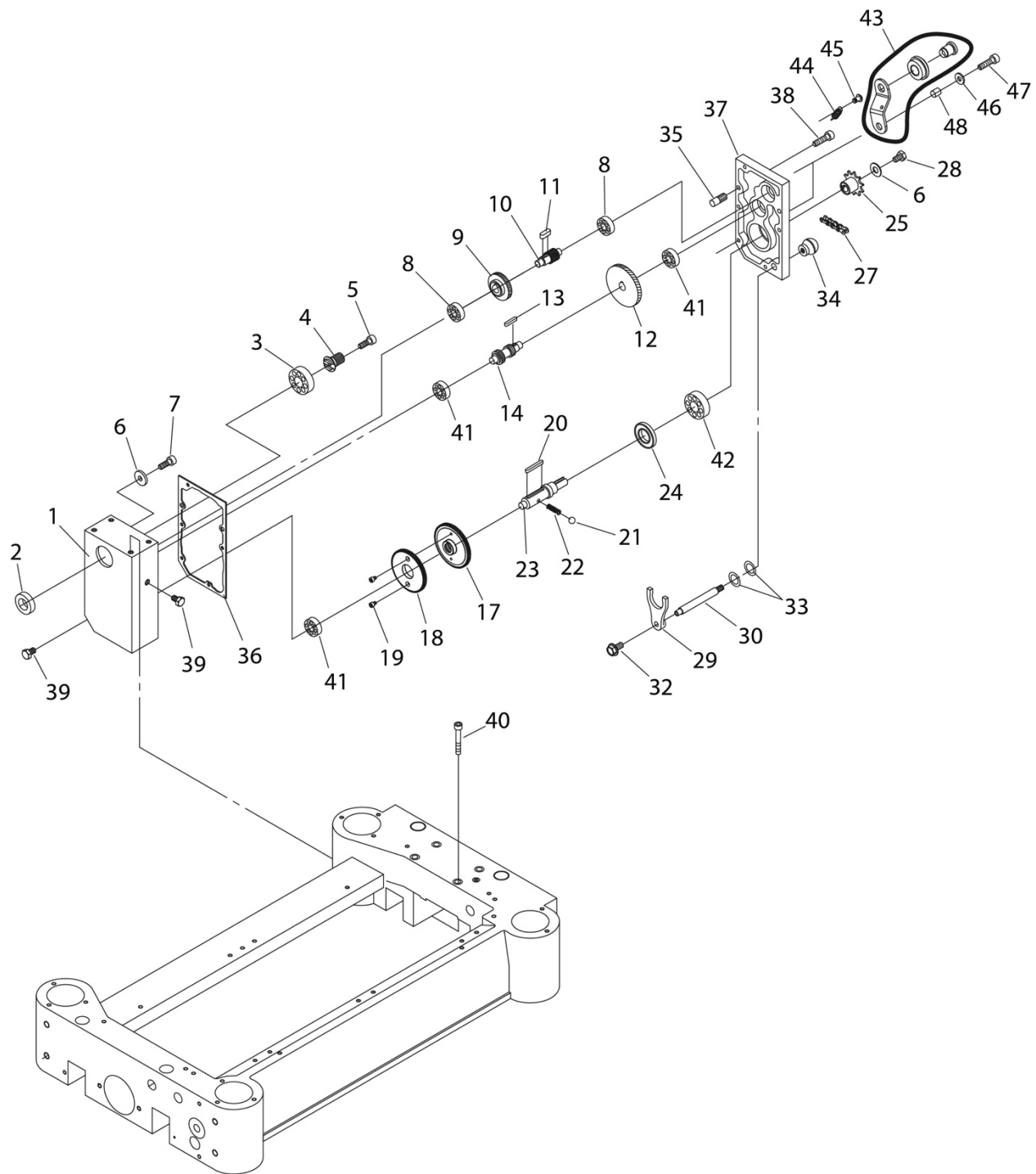


13.2.2 Base and Column – Parts List

Index	Part No.	Description	Size	Qty
1	**	Base		1
2	JT9-TS-1525021	Set Screw	M10 x 12	8
3	JT9-JWP208-303	Column		3
4	JT9-JWP208-304	Column		1
5	JT9-JWP208-305	Lead Screw		3
6	JT9-JWP208-306	Lead Screw		1
7	JT9-JWP208-307	Nut		4
8	JT9-JWP208-308	Bushing		1
9	JT9-JWP208-309	Retaining Ring		1
10	**	Key	4 x 4 x 10	1
11	JT9-JWP208-311	Gear	24T	1
12	JT9-JWP208-312	Retaining Ring		1
13	JT9-BB-6202ZZ	Ball Bearing	6202ZZ	4
14	JT9-JWP208-314	Retaining Ring		4
15	JT9-JWP208-315	Key	5 x 5 x 16	4
16	JT9-JWP208-316	Sprocket	10T	4
17	JT9-JWP208-317	Washer	3/8	4
18	JT9-JWP208-318	Nut	M10	4
19	**	Washer		2
20	JT9-TS-1490041	Hex Cap Screw	M8 x 25	2
21	JT9-6292749	Idler Bracket		1
22	JT9-JWP208-322	Shaft		1
23	JT9-6292751	Sprocket	10T	1
24	**	Retaining Ring	STW-15	1
25	JT9-JWP208-325	Chain		1
26	**	Carry Handle		4
27	**	Retaining Ring	ETW-19	4
28	JT9-JWP208-328	Pipe Band		16
29	JT9-TS-1533032	Pan Head Screw	M5 x 10	32
30	JT9-JWP208-330	Expansion Band		8
	JT1-1532	ID Label (not shown)		1

** These parts are shown for reference only and are not available for order individually. Non-proprietary parts, such as fasteners, can usually be found at local hardware stores.

13.3.1 Gearbox – Exploded View

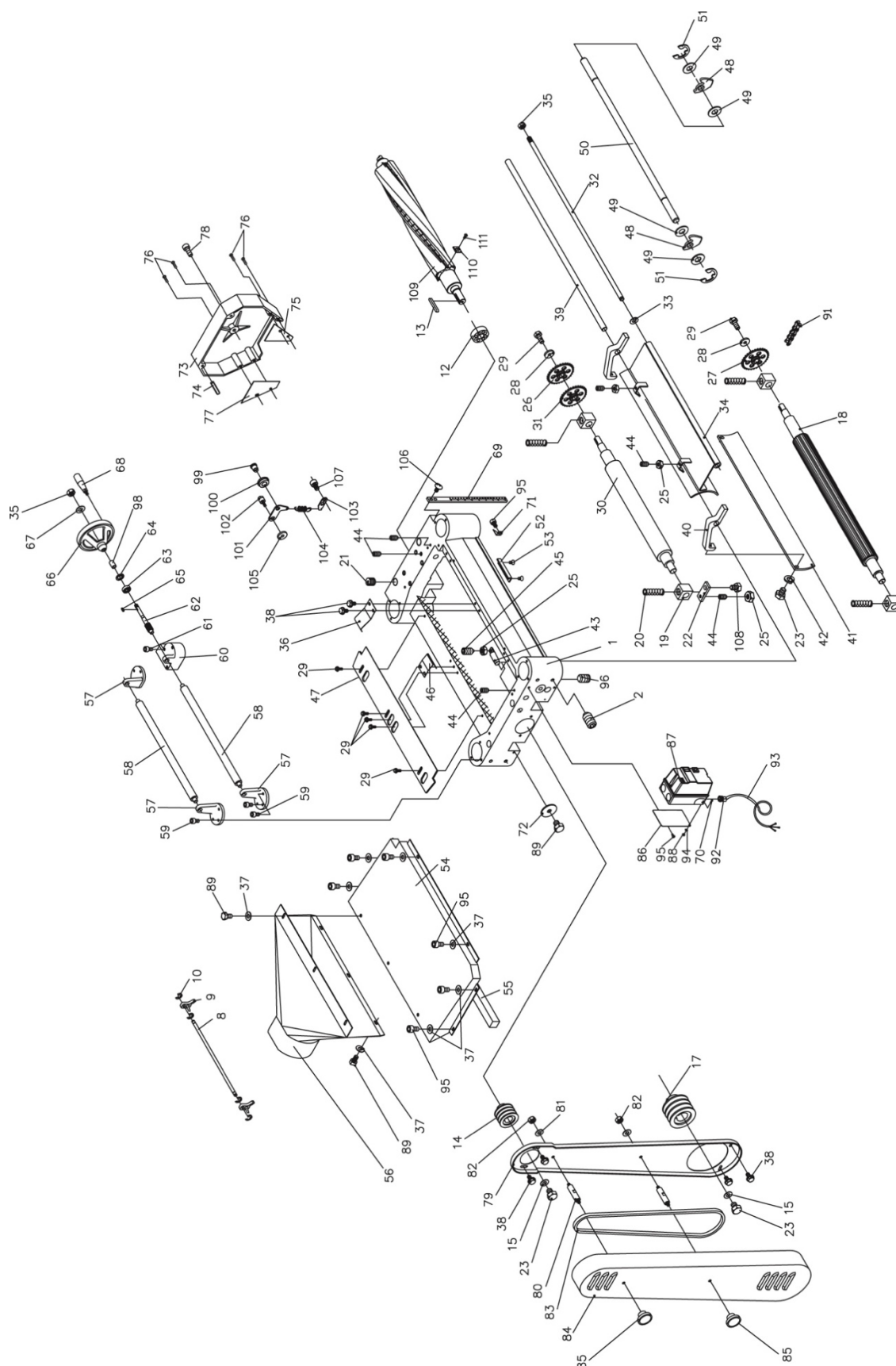


13.3.2 Gearbox – Parts List

Index	Part No.	Description	Size	Qty
1	JT9-JWP15B-416	Gearbox		1
2	JT9-OS-28408	Oil Seal		1
3	CM9-BB-6204ZZ	Ball Bearing	6204ZZ	1
4	JT9-6292762	Gear	16T	1
5	CM9-TS-1503061	Socket Head Cap Screw	M6 x 25	1
6	CM9-TS-1550041	Washer	M6	2
7	CM9-TS-1503041	Socket Head Cap Screw	M6 x 16	1
8	JT9-BB-6201	Ball Bearing	6201	2
9	JT9-6292766	Gear	47T	1
10	JT9-6292767	Shaft	18T	1
11	JT9-JWP208-511	Key	5 x 5 x 12	1
12	JT9-6292769	Gear	71T	1
13	**	Key	5 x 5 x 10	1
14	JT9-JWP15H-314	Shaft	18T/22T	1
17	**	Gear	96T	1
18	**	Gear	92T	1
19	JT9-TS-1503021	Socket Head Cap Screw	M6 x 10	3
20	JT9-JWP208-520	Key	6 x 6 x 40	1
21	JT9-JWP208-521	Ball		1
22	JT9-6292776	Spring		1
23	JT9-6292777	Shaft		1
24	JT9-OS-25476	Oil Seal		1
25	JT9-6292791	Sprocket	18T	1
	JT9-6292779	Sprocket	12T	1
27	JT9-6292792	Chain	.06BX52 (for 6292791)	1
	JT9-6292780	Chain	.06BX50 (for 6292779)	1
28	JT9-TS-1482031	Hex Cap Screw	M6 x 16	1
29	JT9-6292781	Clutch		1
30	JT9-6292782	Handle		1
32	JT9-JWP208-038A	Hex Washer Head Screw	M6 x 12	1
33	JT9-JWP208-533	Oil Ring		1
34	JT9-6292784	Knob		1
35	JT9-6292785	Pin		2
36	JT9-6292786	Packing		1
37	JT1-1527	Cover		1
38	CM9-TS-1503061	Socket Head Cap Screw	M6 x 25	4
39	JT9-JWP208-539	Oil Plug		1
40	JT9-TS-1504101	Socket Head Cap Screw	M8 x 50	4
41	JT9-BB-6201Z	Ball Bearing	6201Z	1
42	JT9-BB-6204Z	Ball Bearing	6204Z	1
43	JT1-1856	Chain Tensioner Assembly		1
44	PM9-PA-C61	Spring		1
45	JT9-TS-2246102	Socket Head Button Screw	M6 x 10	1
46	CM9-TS-1550041	Flat Washer	M6	1
47	JT9-TS-1503071	Socket Head Cap Screw	M6 x 30	1
48	JT1-1857	Bushing		1
	JT1-1526	Gearbox Complete (not shown)		1
	JT9-JWP208-551	Open End Wrench (not shown)		1
	JT1-3829	Hex Wrench Set (not shown)		1

** These parts are shown for reference only and are not available for order individually. Non-proprietary parts, such as fasteners, can usually be found at local hardware stores.

13.4.1 Head Assembly – Exploded View



13.4.2 Head Assembly – Parts List

Index	Part No.	Description	Size	Qty
1	JT9-JWP208-001	Head Casting		1
2	JT9-TS-1525021	Set Screw	M10 x 12	8
8	**	Knife Gauge Bar		1
9	**	Knife Gauge		2
10	**	Washer	3/8	2
11	**	Nut	M10	2
12	CM9-BB-6206ZZ	Ball Bearing	6206ZZ	1
13	**	Key	8 x 8 x 36	1
14	JT9-6292630	Pulley		1
15	JT9-6292631	Washer		2
16	JT9-TS-1523071	Set Screw	M6 x 25	2
17	**	Motor Pulley		1
18	JT9-JWP208-018	Infeed Roller		1
19	JT9-JWP208-019	Bushing		4
20	JT9-JWP208-020	Spring		4
21	**	Screw	M22 x 20	4
22	**	Plate		4
23	JT9-TS-1490031	Hex Cap Screw	M8 x 20	8
25	CM9-TS-1540041	Hex Nut	M6	8
26	JT1-1525	Sprocket		1
27	JT1-1524	Sprocket		1
28	CM9-TS-1550041	Washer	M6	2
29	JT9-JWP208-029A	Hex Washer Head Screw	M6 x 16	5
30	JT9-JWP208-030	Outfeed Roller		1
31	JT1-1523	Sprocket		1
32	JT9-JWP208-032	Locking Bolt		1
33	**	Retaining Ring		1
34	JT9-JWP208-034	Chip Breaker		1
35	JT9-TS-1540081	Nut	M12	2
36	JT9-JWP208-036	Plate Springs		3
37	JT9-JWP208-037	Washer	1/4	12
38	JT9-JWP208-038A	Hex Washer Head Screw	M6 x 12	14
39	JT9-JWP208-039	Shaft		1
40	JT9-JWP208-040	Bracket		2
41	JT9-JWP208-041	Pressure Plate		1
42	CM9-TS-2361081	Lock Washer	M8	2
43	JT9-JWP208-043	Shaft		1
44	JT9-TS-1523051	Set Screw	M6 x 16	9
45	JT9-TS-1523061	Set Screw	M6 x 20	2
46	JT9-JWP208-046	Plate Spring		3
47	JT9-JWP208-047	Chip Deflector Plate		1
48	JT9-6292664	Anti-Kickback Finger		87
49	JT9-6292665	Collar		88
50	JT9-JWP208-050	Shaft		1
51	JT9-JWP208-051	Retaining Ring		2
52	JT9-6292668	Cut Limit Plate		1
53	JT9-JWP208-053A	Flat Head Machine Screw	M5 x 8	2
54	JT9-JWP208-054	Upper Cover		1
55	JT9-JWP208-055	Gasket		1
56	JT9-JWP208-056	Collector Tube		1
57	JT9-JWP208-057	Roller Stand		3
58	JT9-JWP208-058	Roller		3
59	CM9-TS-1503041	Socket Head Cap Screw	M6 x 16	9
60	JT9-JWP208-060	Worm Gearbox		1
61	CM9-TS-1503111	Socket Head Cap Screw	M6 x 50	3
62	JT9-JWP208-062	Worm Gear Shaft		1
63	JT9-BB-6201Z	Ball Bearing		1

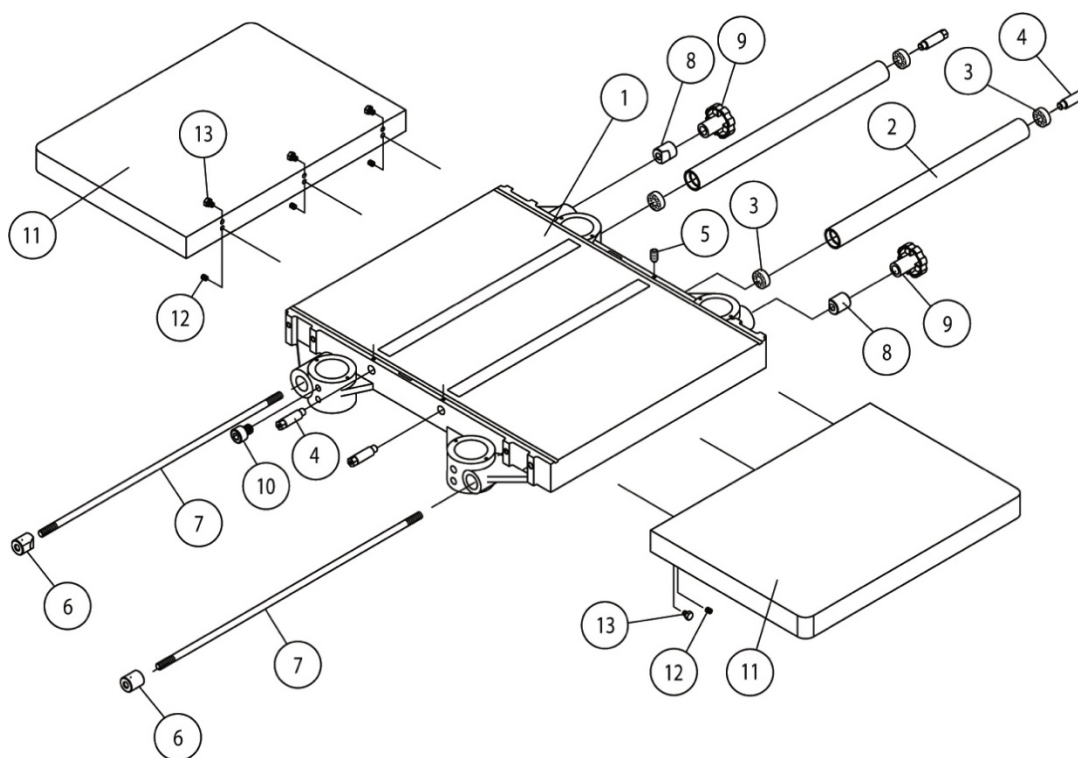
64	JT9-JWP208-064	Retaining Ring	6201Z	1
65	**	Key	4 x 4 x 10	1
66	JT9-JWP208-066	Hand Wheel		1
67	JT9-JWP208-067	Washer	1/2	1
68	JT9-6292684	Handle		1
69	JT9-JWP208-069	Scale		1
70	JT9-JWP208-070	Machine Screw	M5 x 10	2
71	JT9-JWP208-071	Pointer		1
72	JT9-6292814	Special Washer	M6	3
73	JT1-1514	Cover		1
74	JT9-JWP208-074	Spring Pin	6 x 20	2
75	JT1-1515	Safety Plate		1
76	JT9-TS-2284082	Machine Screw	M4 x 8	4
77	JT1-1516	Safety Latch		1
78	JT9-TS-1504021	Socket Head Cap Screw	M8 x 12	1
79	JT9-JWP208-079	Pulley Guard		1
80	JT9-6292696	Bolt		2
81	JT9-TS-0680041	Washer	5/16	2
82	JT9-TS-0561021	Nut	5/16-18	2
83	JT1-1541	V-Belt		3
84	JT9-JWP208-084	Pulley Cover		1
85	**	Knob	5/16	2
86	JT9-JWP208-086A	Switch Mounting Plate		1
87	JT1-1517	Magnetic Switch	5HP, 1Ph, 230V	1
	PM9-209-5016BC	Contactor	5HP, 1Ph, 230V	1
	JT1-1518	Overload	5HP, 1Ph, 230V	1
88	JT9-TS-1540031	Nut	M5	2
89	JT9-TS-1482021	Hex Cap Screw	M6 x 12	10
91	JT9-JWP208-091	Chain		1
92	JT1-1519	Relief Bushing		2
93	JT9-JWP208-093	Power Cord		1
94	**	Tooth Washer		4
95	JT9-TS-1503021	Socket Head Cap Screw	M6 x 10	12
96	CM9-TS-1524011	Set Screw	M8 x 8	1
98	**	Collar		1
99	JT9-6292714	Shaft		1
100	PM9-PA-C57	Idler Pulley		1
101	PM9-PA-C58	Bracket		1
	**	Chain Tensioning Assy		1
102	PM9-PA-C59	Shaft		1
103	PM9-PA-C60	Hanger		1
104	PM9-PA-C61	Spring		1
105	PM9-PA-C62	Collar		1
106	JT1-TS-1534042	Pan Head Screw	M6X12	1
107	JT9-TS-1503021	Socket Head Cap Screw	M6x10	2
108	JT9-JWP208-108	Hex Head Screw	M8x18	4
	PM9-PG-M02	JET Plaque		1
	JT9-6012192	Warning Label (not shown)		1
	JT9-6292819	Lubrication Label (not shown)		1
	JT9-6292820	Guard Label (not shown)		1
	JT1-1520	Helical Cutterhead Assembly (index #109 thru #111)**		1
109	JT1-1521	Helical Cutterhead		1
110	JT9-1791212A	Knife Insert (sold in a set of 10)		68 total
111	JT9-JWP208HH-111	Knife Insert Screw	#10-32 x 1/2"	68
	JT1-1522	Star Point Screwdriver (not shown)		2
	JT1-3830	Model Name (not shown)	JP20	1
	JT1-3833	5" to 4" Dust Port Adapter (not shown)		1

** These parts are shown for reference only and are not available for order individually. Non-proprietary parts, such as fasteners, can usually be found at local hardware stores.

13.5.1 Table and Rollers – Parts and Exploded View

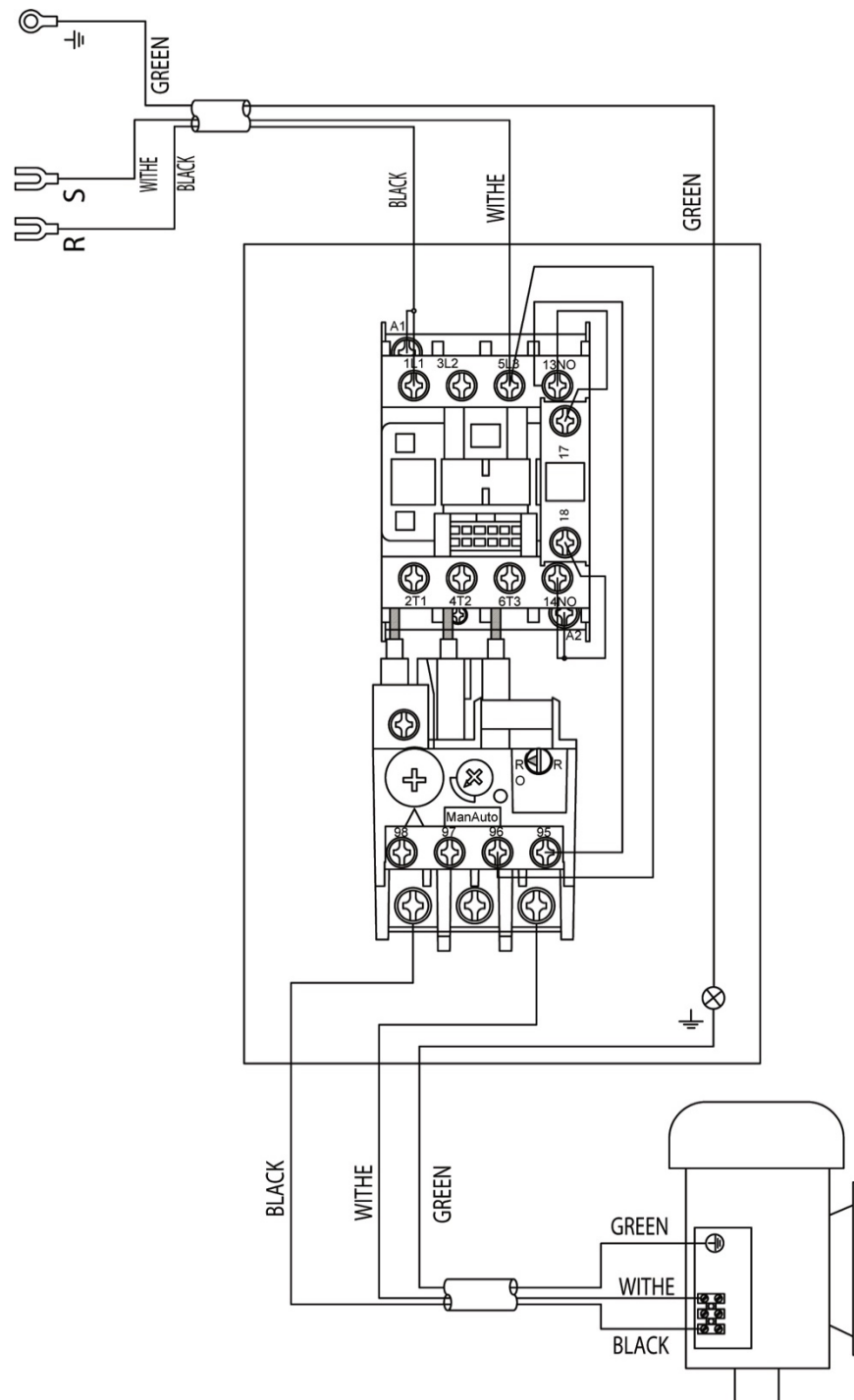
Index	Part No.	Description	Size	Qty
1	JT1-1528	Middle Table (JWP-208HH-BLK)		1
	JT9-JWP208HH-201	Middle Table (JWP-208HH)		1
2	JT9-6292722	Roller		2
3	JT9-BB-6201Z	Ball Bearing	6201ZZ	4
4	JT9-6292724	Eccentric Shaft		1
5	JT9-TS-1523041	Set Screw	M6x12	4
6	JT9-6292725	Lock Bar		2
7	JT9-6292726	Lock Bolt		2
8	JT9-6292727	Lock Bushing (no thread)		2
9	JT9-6292728	Knob		2
10	JT9-TS-1504041	Socket Head Cap Screw	M8x20	8
11	JT1-1529	Extension Table (JWP-208HH-BLK)		2
	JT9-JWP208HH-219	Extension Table (JWP-208HH)		2
12	JT9-TS-1524051	Socket Set Screw	M8x20	6
13	JT9-TS-1490041	Hex Cap Screw	M8x25	6

** These parts are shown for reference only and are not available for order individually. Non-proprietary parts, such as fasteners, can usually be found at local hardware stores.



14.0 Electrical Schematic

14.1 230V 5HP Single Phase



15.0 Warranty and Service

JET warrants every product it sells against manufacturers' defects. If one of our tools needs service or repair, please contact Technical Service by calling 1-800-274-6846, 8AM to 5PM CST, Monday through Friday.

Warranty Period

The general warranty lasts for the time period specified in the literature included with your product or on the official JET branded website.

- JET products carry a limited warranty which varies in duration based upon the product. (See chart below)
- Accessories carry a limited warranty of one year from the date of receipt.
- Consumable items are defined as expendable parts or accessories expected to become inoperable within a reasonable amount of use and are covered by a 90 day limited warranty against manufacturer's defects.

Who is Covered

This warranty covers only the initial purchaser of the product from the date of delivery.

What is Covered

This warranty covers any defects in workmanship or materials subject to the limitations stated below. This warranty does not cover failures due directly or indirectly to misuse, abuse, negligence or accidents, normal wear-and-tear, improper repair, alterations or lack of maintenance. JET woodworking machinery is designed to be used with Wood. Use of these machines in the processing of metal, plastics, or other materials outside recommended guidelines may void the warranty. The exceptions are acrylics and other natural items that are made specifically for wood turning.

Warranty Limitations

Woodworking products with a Five Year Warranty that are used for commercial or industrial purposes default to a Two Year Warranty. Please contact Technical Service at 1-800-274-6846 for further clarification.

How to Get Technical Support

Please contact Technical Service by calling 1-800-274-6846. **Please note that you will be asked to provide proof of initial purchase when calling.** If a product requires further inspection, the Technical Service representative will explain and assist with any additional action needed. JET has Authorized Service Centers located throughout the United States. For the name of an Authorized Service Center in your area call 1-800-274-6846 or use the Service Center Locator on the JET website.

More Information

JET is constantly adding new products. For complete, up-to-date product information, check with your local distributor or visit the JET website.

How State Law Applies

This warranty gives you specific legal rights, subject to applicable state law.

Limitations on This Warranty

JET LIMITS ALL IMPLIED WARRANTIES TO THE PERIOD OF THE LIMITED WARRANTY FOR EACH PRODUCT. EXCEPT AS STATED HEREIN, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

JET 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. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

JET sells through distributors only. The specifications listed in JET printed materials and on official JET website are given as general information and are not binding. JET reserves the right to effect at any time, without prior notice, those alterations to parts, fittings, and accessory equipment which they may deem necessary for any reason whatsoever. JET® branded products are not sold in Canada by JPW Industries, Inc.

Product Listing with Warranty Period

90 Days – Parts; Consumable items
1 Year – Motors; Machine Accessories
2 Year – Metalworking Machinery; Electric Hoists, Electric Hoist Accessories; Woodworking Machinery used for industrial or commercial purposes
5 Year – Woodworking Machinery
Limited Lifetime – JET Parallel clamps; VOLT Series Electric Hoists; Manual Hoists; Manual Hoist Accessories; Shop Tools; Warehouse & Dock products; Hand Tools; Air Tools

NOTE: JET is a division of JPW Industries, Inc. References in this document to JET also apply to JPW Industries, Inc., or any of its successors in interest to the JET brand.

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