



**MODEL CX307**  
**2.5HP INDUSTRIAL**  
**WOODWORKING SHAPER**  
**USER MANUAL**



# TABLE OF CONTENTS

General Safety Instructions.....	3
Specific Safety Instructions.....	4
CX307 Features.....	5
Physical Features .....	6
Set Up.....	7
Un-Packing .....	7
Proper Grounding .....	8
Assembly .....	9
Top Cover .....	10
Changing Spindles.....	10
Installing the Cutter .....	10
Table Insert Adjustment.....	11
Spindle Height Adjustment.....	11
Test Run .....	12
Basic Controls.....	12
Connecting to a Dust Collector .....	13
Changing Spindle Speed .....	13
Magnetic ON/OFF & Forward/Reverse Switches.....	14
Fence Assembly Adjustment .....	14
Shaping with the Fence .....	15
Free Hand Shaping.....	16
Using Collars .....	16
Maintenance .....	17
Lubrication .....	17
Cleaning.....	17
V-Belt Inspection.....	17
V-Belt Replacement.....	18
Troubleshooting .....	19
Parts Breakdown & List.....	20-23
Warranty .....	24

# GENERAL SAFETY INSTRUCTIONS FOR MACHINES

Extreme caution should be used when operating all power tools. Know your power tool, be familiar with its operation, read through the user manual and practice safe usage procedures at all times.

- ❖ **ALWAYS** read and understand the user manual before operating the machine.
- ❖ **CONNECT** your machine ONLY to the matched and specific power source.
- ❖ **ALWAYS** wear safety glasses respirators, hearing protection and safety shoes, when operating your machine.
- ❖ **DO NOT** wear loose clothing or jewelry when operating your machine.
- ❖ **A SAFE ENVIRONMENT** is important. Keep the area free of dust, dirt and other debris in the immediate vicinity of your machine.
- ❖ **BE ALERT! DO NOT** use prescription or other drugs that may affect your ability or judgment to safely use your machine.
- ❖ **DISCONNECT** the power source when changing drill bits, hollow chisels, router bits, shaper heads, blades, knives or making other adjustments or repairs.
- ❖ **DO NOT** use power tools in damp or wet locations or expose them to rain.
- ❖ Keep work area well lit and provide adequate surrounding work space.
- ❖ **NEVER** leave a tool unattended while it is in operation.
- ❖ **DO NOT** force the machine to do a job for which it is not designed.
- ❖ **NEVER** reach over the table when the tool is in operation.
- ❖ **ALWAYS** keep blades, knives and bits sharpened and properly aligned.
- ❖ **ALL OPERATIONS MUST BE** performed with the guards in place to ensure safety.
- ❖ **ALWAYS** keep proper footing and balance.
- ❖ **ALWAYS** use push sticks and feather boards to safely feed your work through the machine and clamp the work-piece (when necessary) to prevent the work-piece from any unexpected movement.
- ❖ **ALWAYS** make sure that any tools used for adjustments are removed before operating the machine.
- ❖ **ALWAYS** keep the bystanders safely away while operation.
- ❖ **NEVER** attempt to remove jammed cutoff pieces until the saw blade has come to a full stop.

# CX307 - 2.5HP WOODWORKING SHAPER

## SPECIFIC SAFETY INSTRUCTIONS

- ❖ Read and follow all the instructions and safety precautions in the user manual before setup or use.
- ❖ For the protection of your eyes, always wear safety glasses, goggles or face shield while operating the shaper.
- ❖ Never place your fingers or hands in the line of cut. If you slip, your hands or fingers may come into contact with the cutter. Always use a push stick when feeding stock against the cutter.
- ❖ Make sure the keyed washer is mounted directly under the spindle nuts.
- ❖ All guards must be in place while operating the shaper to ensure safety.
- ❖ Always feed the stock smoothly against the rotation of the cutter.
- ❖ Do not force the machine. It will perform a better job at a rate for which it is designed.
- ❖ Allow the motor to reach the full speed before feeding stock against the cutter.
- ❖ Use the overhead guard when adjustable fence is not in place.
- ❖ Make sure before making any adjustments, the switch is in the "OFF" position and the cord is un-plugged.
- ❖ Never leave the shaper unattended while it is running.
- ❖ Always use the cutters designed to be used with CX307 and similar shapers.
- ❖ Do not expose the shaper to rain or use in damp locations.
- ❖ Clean and sharp tools give safer and better performance. Dull cutters can cause kick backs and excessive chatter. Always check the cutter and other parts for proper adjustment before cutting operation.
- ❖ Always make sure that your shaper is in a stable position. Cutting heavy, long stock may alter the stability of the shaper. In the event that this may occur, the shaper should be firmly bolted to the floor.
- ❖ Do not wear loose clothing, neckties, jewelry or gloves that can get caught in moving parts. Confine long hair and keep sleeves above the elbow.
- ❖ Always use a feather board and/or hold-downs to support your work-piece when necessary.
- ❖ Make sure you have read and understood all the safety instructions in the manual and you are familiar with your shaper, before operating it. If you fail to do so, serious injury could occur.

### **WARNING!**

***The safety instructions given above can not be complete because the environment in every shop is different. Always consider safety first as it applies to your individual working conditions.***



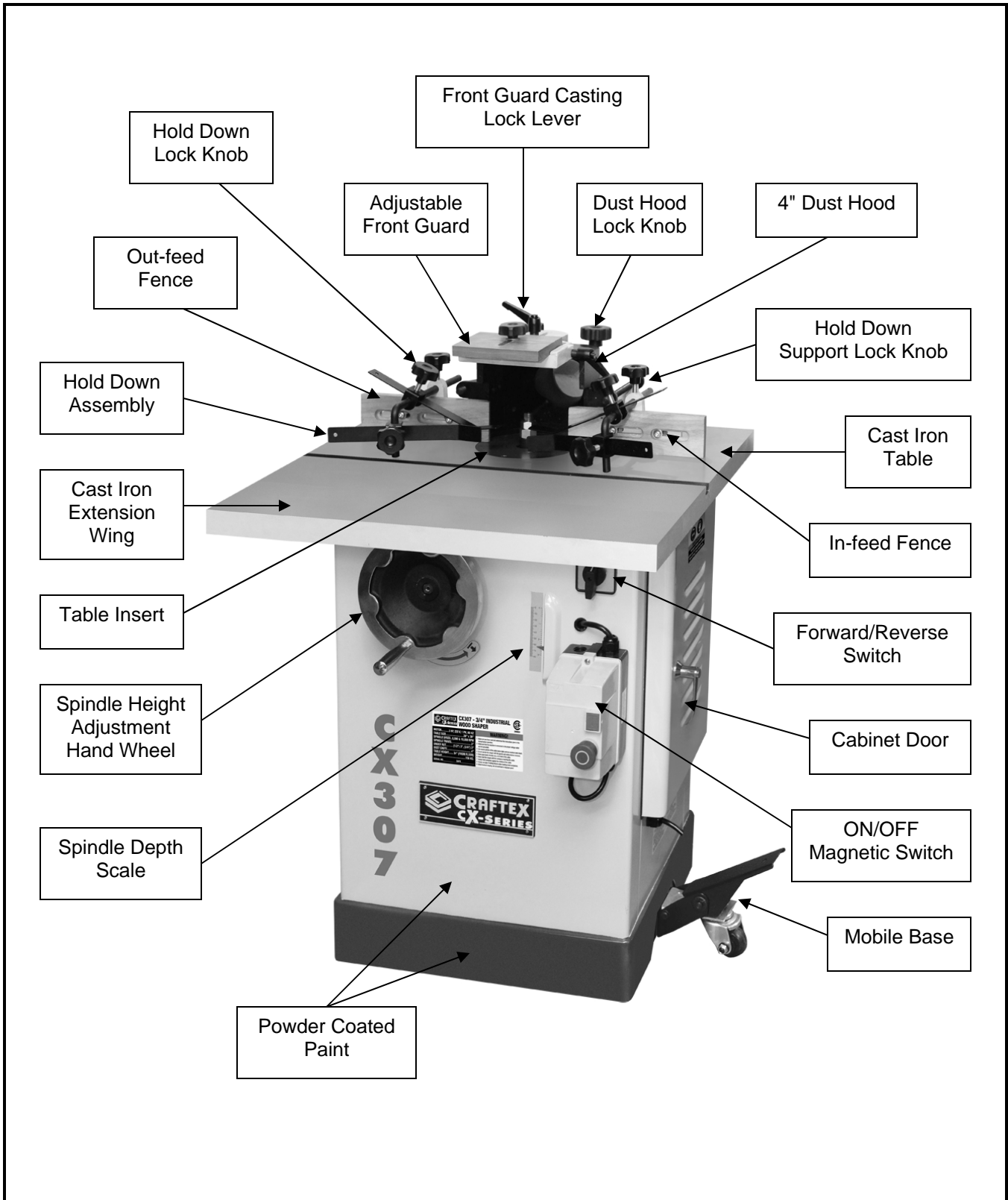
## 2.5HP WOOD SHAPER FEATURES

### MODEL CX307 – 2.5HP INDUSTRIAL WOODWORKING SHAPER

As part of the growing line of Craftex woodworking equipment, we are proud to offer the CX307 a 2.5HP Industrial Woodworking Shaper. By following the instructions and procedures laid out in this user manual, you will receive years of excellent service and satisfaction. The CX307 is a professional tool and like all power tools, proper care and safety procedures should be adhered to.

- ❖ Motor ..... 2.5HP, 220V, 60 Hz, Single Phase
- ❖ Table Size..... 32" x 28" (with extension wing)
- ❖ Spindle Travel..... 4"
- ❖ Spindle Size..... 1/2" and 3/4"
- ❖ Spindle Speeds ..... 8,000 and 10,000 RPM
- ❖ Direction ..... Forward / Reverse
- ❖ Fence Size..... 9.5" x 2-3/4" x 5/8" (each fence)
- ❖ Fence Fine Adjustment..... Yes
- ❖ Dust Ports..... 4"
- ❖ Floor to Table Height ..... 34.5"
- ❖ Gross Weight..... 156 Kg.
- ❖ Warranty ..... 3 Years

# CX307 - 2.5HP WOODWORKING SHAPER PHYSICAL FEATURES



## SETUP

Before setting up your machine you should read and understand the instructions given in this manual.

The unpainted surfaces of this shaper are coated with a rust preventive waxy oil and you will want to remove this before you begin assembly. Use a solvent cleaner that will not damage painted surfaces.

## UNPACKING

The machine is properly packaged and shipped completely in a crate for safe transportation. When unpacking, carefully inspect the crate and ensure that nothing has been damaged during transit.

While doing inventory, if you can not find any part, check if the part has already been installed on the machine. Some parts come pre-assembled for shipping purposes.

When setting up your machine, you will want to find an ideal spot where your shaper will most likely be positioned most of the time. Consider your complete work environment as well as working comfortability with the shaper, before placing your machine in the ideal spot.

### **WARNING!**

*CX307 is a very heavy machine, do not over-exert yourself. For safe moving use fork truck or get the help of an assistant or friend.*

## PROPER GROUNDING

Grounding provides a path of least resistance for electric current to reduce the risk of electric shock.

CX307 is for use on a normal 220 volt circuit. Make sure that the machine is connected to an outlet having the same configuration as the plug. If an adaptor plug is used, it must be attached to the metal screw of the receptacle. To prevent electrical hazards, have a qualified electrician ensure that the line is properly wired.

The dust collector should be wired with a plug having 3 prongs to fit a 3 prong grounded receptacle as shown in figure-1. Do not remove the grounding prong to fit it into a 2 pronged outlet.

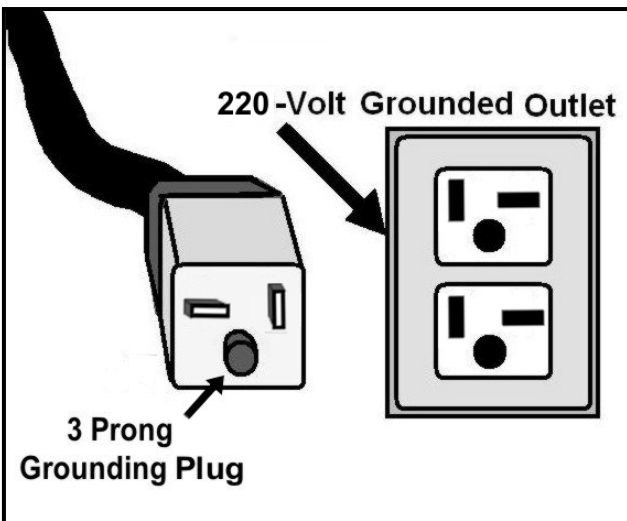


Figure-1 220 volts outlet for CX307

It is strongly recommended not to use extension cords with your CX307. Always try to position your machine close to the power source so that you do not need to use extension cords.

In case if you really find it necessary to use an extension cord, make sure the extension cord does not exceed 50-feet in length and the cord is 14-gauge to prevent motor damage.

### **WARNING!**

*Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded.*



## ASSEMBLY

Follow the instructions below to assembly your CX307 shaper.

Make sure the cord is disconnected from the power source.

Clean the contact surface on the extension table and the table so that it is free of dirt or debris.

Attach the cast-iron extension table to the shaper. Remove the three bolts installed on the edge of the table. Turn the extension table upside down, install the center bolt and finger tighten only. Rotate the table and install the remaining two bolts. Adjust the table so that it is flush to the top and then tighten the bolts. See figure-2.

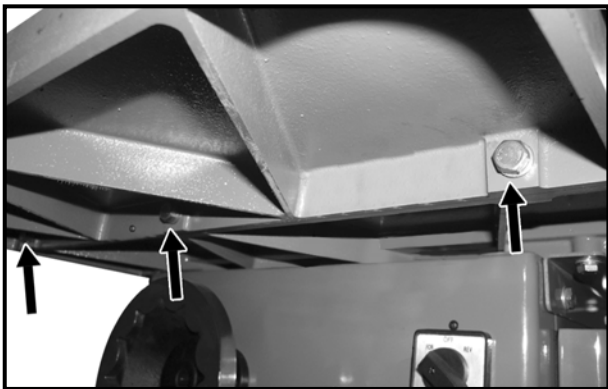


Figure-2 Installing the extension table

Thread the handle on to the hand wheel and tighten it properly. See figure-3.



Figure-3 Installing the hand wheel handle

The magnetic switch is installed to the right side of the of the cabinet below the forward/reverse switch.

To install the magnetic switch, remove the switch cover first by loosening the two screws securing it to the switch.

Remove the hex nuts at the back of the magnetic switch. Open the side access door and align the screws on the switch with the holes on the cabinet. Attach the switch to the cabinet and secure using the nuts (removed) from the inside of the cabinet.

Once the magnetic switch is secure to the cabinet, attach the cover onto the switch and tighten the screws. See figure-4.

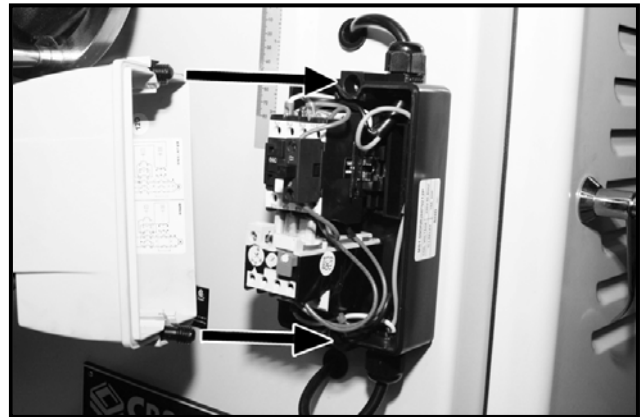


Figure-4 Installing the magnetic switch

Pull all the electrical wires from the magnetic switch inside the cabinet.

## TOP COVER

The top cover comes assembled to the shaper. It can be removed by loosening the two lock knobs located on the top cover as shown in figure-5.

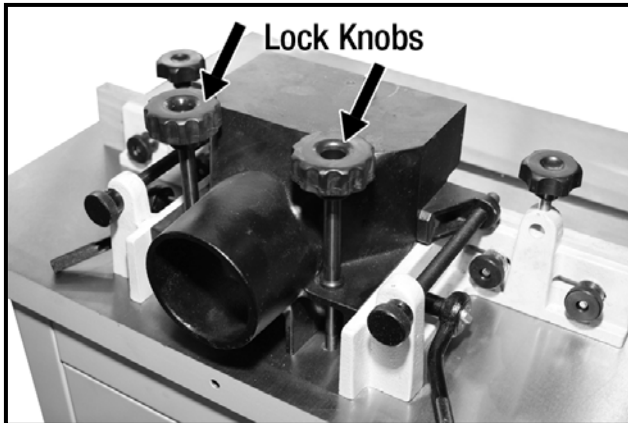


Figure-5 Lock knobs securing the top cover

## CHANGING SPINDLES

The CX307 shaper comes with a 1/2" and a 3/4" spindles.

To change the spindle:

Make sure the cord is disconnected from the power source.

Loosen the spindle by using one wrench on the flat top of the spindle and another wrench on the draw bar nut inside the cabinet. See figure-6.

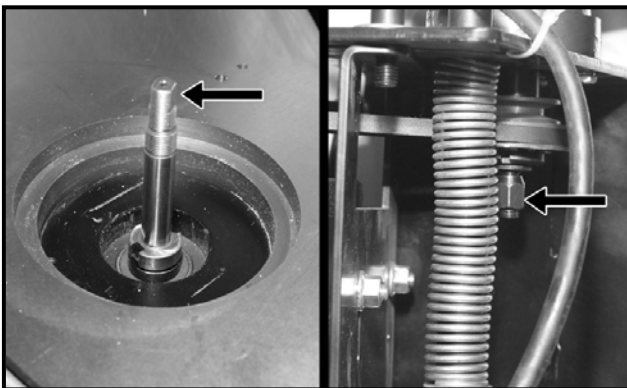


Figure-6 Loosening the spindle nut

Turn the draw bar nut a few turns only until there are no more threads visible at the end. Tap the draw bar gently upwards with a wooden block and the spindle assembly will pop out.

Remove the draw bar nut and pull the spindle assembly out of the spindle housing.

When reinstalling the spindle, tighten the draw bar nut and make sure the draw bar is secured properly to the bottom of the spindle. When placing spindle assembly into the spindle housing, ensure that the keyway slots are aligned and the spindle seats snugly.

## INSTALLING THE CUTTER

The CX307 operates at speeds of 8,000, and 10,000 RPM. Always use the proper sized cutters with proper sized spindles on your CX307 to ensure safe operation.

To install the cutter:

Turn the machine "OFF" and make sure the cord is disconnected from the power source.

Select the appropriate spindle size and install it properly.

Place an appropriate spacer or collar on the spindle for support.

Place the cutter on the spindle and make sure the orientation of the cutter is correct for your cutting application.

Place the spacers or collar (as needed) and thread the regular hex nut on the top. Finally secure it using the lock nut as show in figure-7.

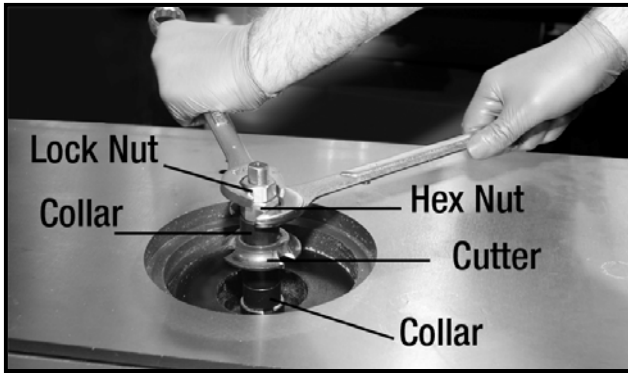


Figure-7 Installing cutter

## TABLE INSERTS ADJUSTMENT

CX307 comes with three different size table inserts to be used with different size cutters.

Clean any dust or dirt on the spindle opening edges before installing the table insert.

Place the table insert, on the spindle opening, and make sure the insert is flush with the table surface.

Adjust the three cap screws on each table inserts (if needed) to adjust the height and make it flush with the table surface. See figure-8.

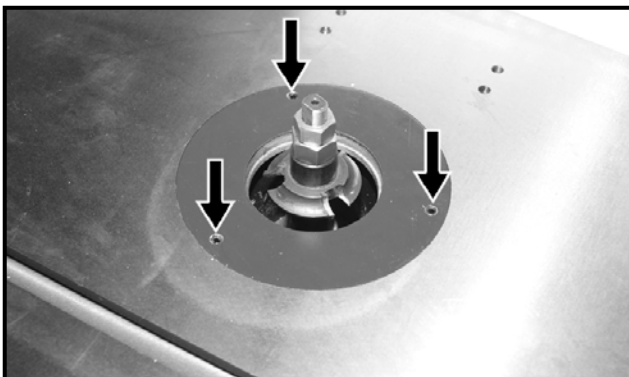


Figure-8 Table insert adjustment

## SPINDLE HEIGHT ADJUSTMENT

To adjust the table height on the CX307:

Make sure the cord is disconnected from the power source.

Loosen the spindle height lock knob by turning it counterclockwise. See figure-9.

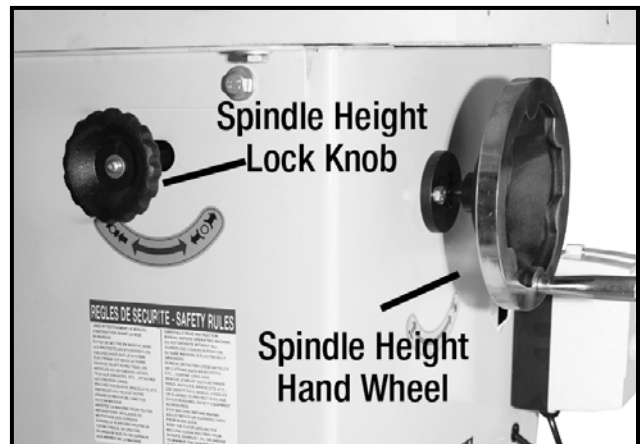


Figure-9 Spindle height controls

Adjust the cutter height by turning the front hand wheel clockwise to raise the spindle and counterclockwise to lower the spindle.

Retighten the spindle height lock knob.

## TEST RUN

Once you have assembled your machine completely, it is then time for a test run to make sure that the machine works properly and is ready for operation.

### **WARNING!**

*Before starting the shaper, make sure that you have read and understood the instructions given in the manual and you are familiar with the functions and safety features on this machine. Failure to do so may cause serious personal injury and damage to the machine.*

All the tools and objects used for assembling the machine should be removed and cleared away during the test run. Spindle, draw bar and cutters should be tight.

Plug the cord to the power outlet and press the green button to turn the machine ON. Let the machine run for a minute and press the red OFF button to turn the machine OFF.

Use the Forward/Reverse switch to change the direction of rotation of spindle and turn the machine On.

Make sure the ON/OFF and Forward/Reverse switches are working fine and turn the machine OFF.

During the test run if there is any unusual noise coming from the machine or the machine vibrates excessively, shut off the machine immediately and disconnect the cord from the power source. Check all the parts you have assembled, once again and investigate to find out the problem. See page-19 for Troubleshooting.

## BASIC CONTROLS

The basic controls of this machine are shown in the figure-19. Use the figure and read the text to understand what the basic controls of your CX307 are:

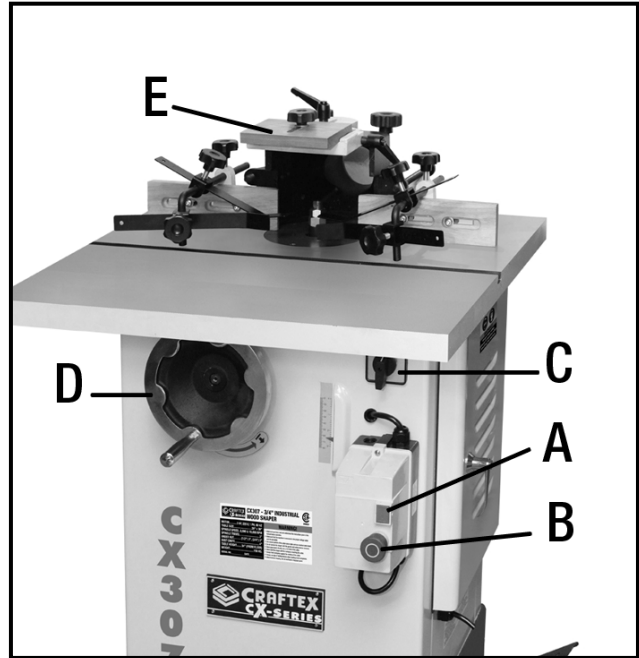


Figure-10 Basic controls on CX307

### **A. ON Button**

This button turns the machine “ON”.

### **B. OFF Button**

This button turns the machine “OFF”.

### **C. Forward/Reverse Switch**

It is used to control the direction of rotation of the cutter head.

### **D. Spindle Height Hand Wheel**

The spindle height hand wheel is used to raise and lower the spindle.

### **E. Cutter-Head Guard**

Guards the cutter from the top and protects operator’s hands from accidental injuries.

## CONNECTING TO A DUST COLLECTOR

The CX307 features a 4" diameter dust port to connect to a dust collector.

When connecting to a dust collector, use a proper sized hose and make sure all the connections are sealed tightly.

It is recommended to use a proper sized dust collector with the CX307 to ensure adequate dust collection.



Figure-11 CX307 dust ports

## CHANGING SPINDLE SPEED

The CX307 is a two-speed shaper and operates at 8,000 and 10,000 RPM which are adjusted by changing the belt positioning on both the motor pulley and spindle pulley.

To change the speed:

Make sure the cord is disconnected from the power source.

Open the cabinet door and turn the spindle height hand wheel to lower the spindle and motor assembly.

Loosen the belt tension lever and move the motor assembly to the right using the pivot handle. This will loosen the belt on the pulleys. See figure-12.

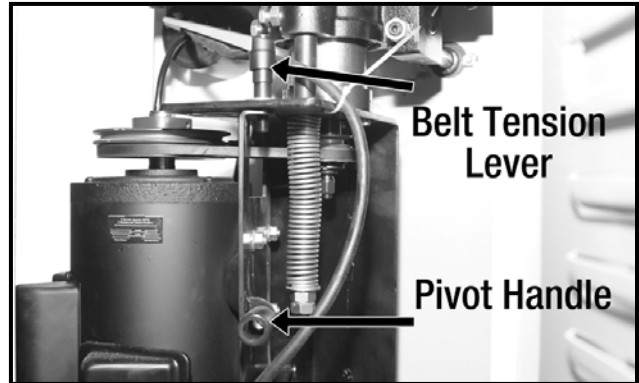


Figure-12 Loosening the tension on the belt

Readjust the belt positioning on both the pulleys according to the speed figure below to achieve the desired speed.

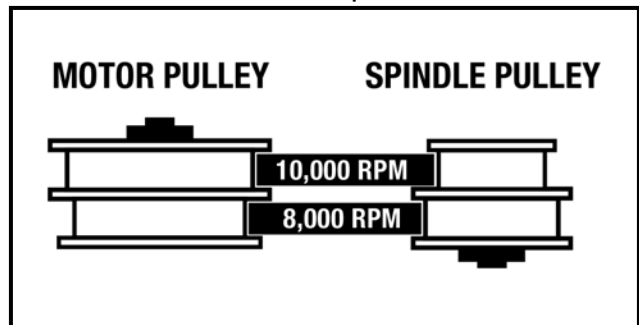


Figure-13 Belt positioning on the pulleys

Slide the motor back into position to tension the belt. The belt is properly tensioned when there is approximately a 1/2" deflection in the center of the belt when you press with your thumb.

Once the belt is tensioned properly, tighten the belt tension lever and close the cabinet door.

## MAGNETIC ON/OFF & FORWARD/REVERSE SWITCHES

The CX307 comes with a magnetic ON/OFF switch which is used to turn the shaper On and Off.

It also comes with a Forward/Reverse switch located above the On/Off switch which controls the direction of rotation of the spindle. The direction of the rotation of the spindle can not be changed while the machine is running.



Figure-14 ON/OFF and Forward/Reverse Switches

### **WARNING!**

*Turn the machine OFF and wait for the spindle to come to a complete stop before changing the direction of rotation of the spindle. Failure to do so could result in serious damage to the machine.*

## FENCE ASSEMBLY ADJUSTMENT

The CX307 features a two pieces independent fence system mounted to the dust hood assembly using fence lock knobs.

The dust hood assembly is adjusted forward / backward on the table by loosening the two lock knobs securing the fence on the table. See figure-15.

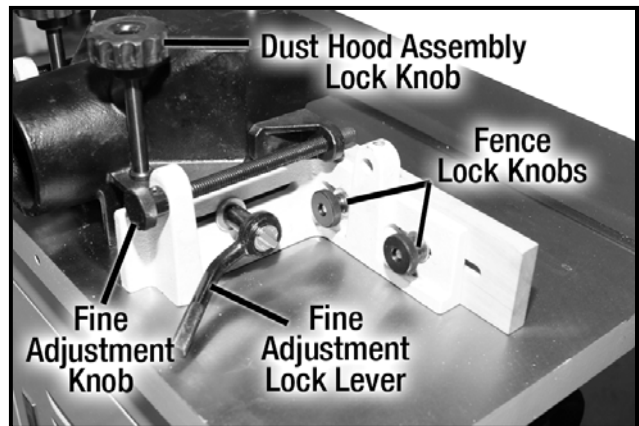


Figure-15 Fence adjustment controls

The left and right independent fence halves can be separated to allow for a larger opening to accommodate larger cutters by using the fence lock knobs shown in figure-15.

The fences also have fine adjustment feature which is performed by turning the fine adjustment knobs shown in figure-15. One full turn of the fine adjustment knob moves the split fence approximately 5/64”.

Simply loosen the fine adjustment lock lever shown in figure-15 and turn the fine adjustment knob to move the fence forwards or backwards.

When the fence is in the desired position, lock the lever to secure the fence.

# SHAPING WITH THE FENCE

Using the fence is the safest method of shaping. Most operations that use the fence for support can be performed by following the guidelines below:

If performing a cut where a portion of the edge of the work-piece is not touched by the cutter-head, both sides of the fence are positioned at the same depth. See figure-16.

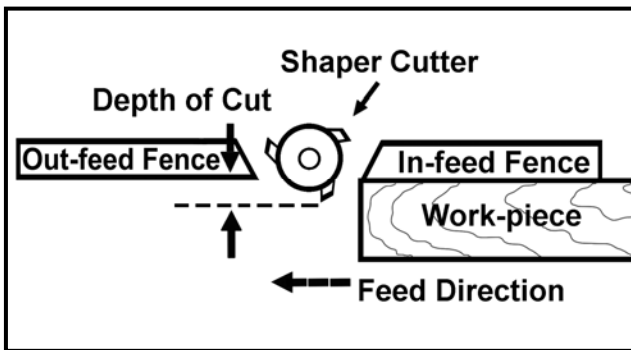


Figure-16 Fences at the same depth

When performing a cut where the entire edge of the work-piece is removed, the fence must be positioned differently. If the fence halves are kept in line, once the work-piece passes through the cutter-head, the shaped edge would no longer be supported against the fence. See figure-17.

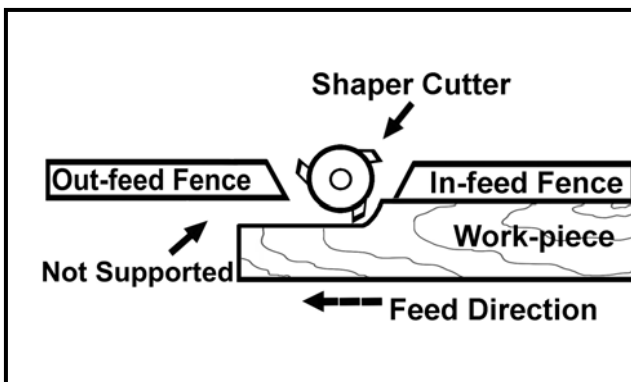


Figure-17 Work-piece not supported with the out-feed fence

To prevent this, the out-feed fence must be repositioned to compensate for the material being removed. Advance the out-feed side of the fence equal to the amount of material being removed.

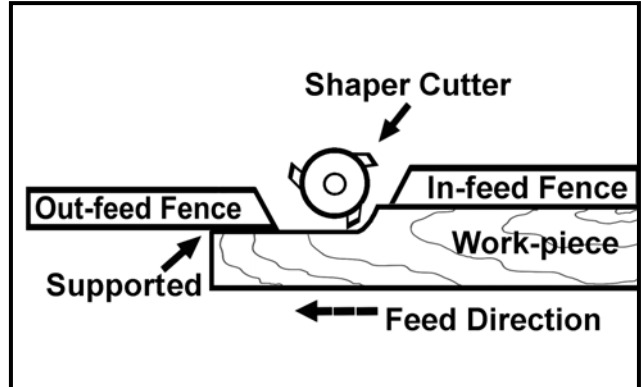


Figure-18 Out-feed fence positioned forward equal to the depth of cut

If using a miter gauge, the in-feed side of the fence must be parallel with the miter slot. Also make sure that the other fence piece is positioned out of the way so that it does not contact the work-piece after it passes through the cutter-head.

## FREE HAND SHAPING

To set up the shaper for free hand shaping:

Turn the switch “OFF” and make sure the cord is un-plugged from the power source.

Remove the fence assembly and insert the starting pin in the most suitable hole on the insert. See figure-19.

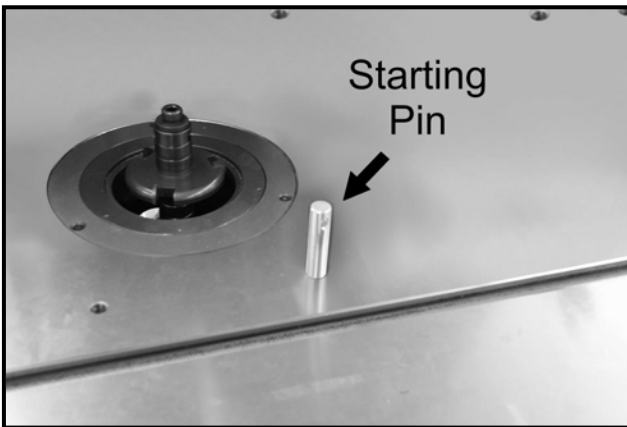


Figure-19 Starting pin

Use a hold down jig or push blocks for the safety of your hands and place the work-piece against the starting pin.

Plug the cord into the receptacle and turn the machine “ON”. Slowly pivot and feed the work-piece into the cutter and try to avoid starting your cut on the corner of the work-piece to avoid kick back.

### **WARNING!**

*When performing free hand shaping, the fence is removed which exposes the cutter and increase the risk of injury.*

## USING COLLARS

When shaping work-pieces that have irregular shapes, it is necessary to use rub-collars. Collars can be used below or above the cutter or between two cutters. Each setup type has its own advantages and disadvantages.

### BELOW THE CUTTER

When using rub-collars below the cutter, the user will have a good view of the cut. But if the work-piece is lifted even slightly, it will cause the cutter to gouge the wood and ruin the work-piece.

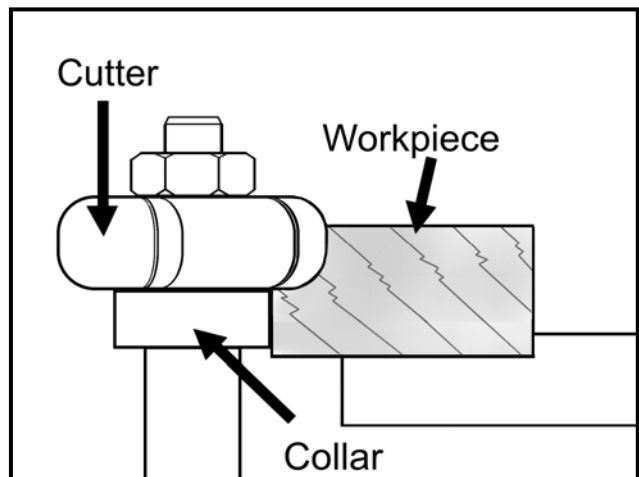


Figure-20 Using collars below the cutter

### ABOVE THE CUTTER

When using collars above the cutter as shown in figure-21, the cut will not be affected by slight variations in the thickness of the work-piece and the work-piece will not be gouged if lifted up accidentally.

The only disadvantage of using a collar above the cutter is that the operator will not be able to see the cut being made.



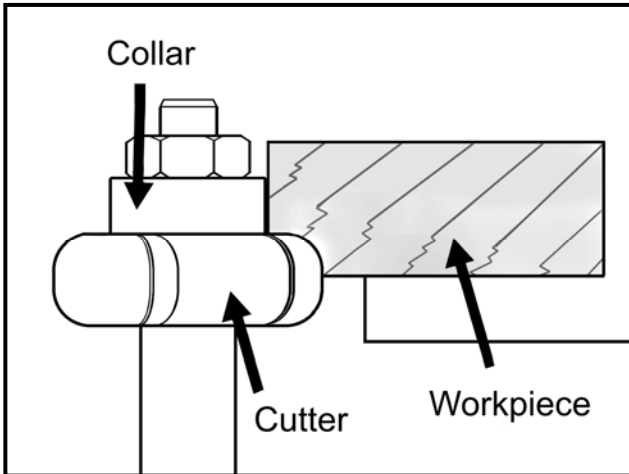


Figure-21 Using collar above the cutter

### BETWEEN THE CUTTERS

A collar is used between two cutters when both edges of the work-piece are to be shaped.

Like using the collar below the cutter, this method has also the disadvantage that if the work-piece is accidentally lifted up, the cutter will gouge and ruin the work-piece.

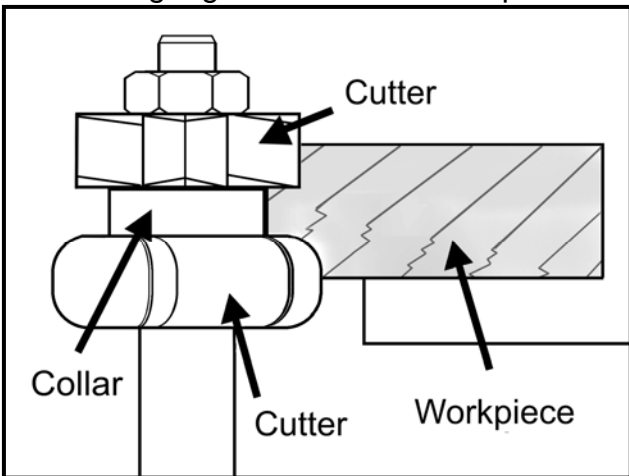


Figure-22 Using collar between the cutters

## MAINTENANCE

During the life of your machine, you will need to practice some regular maintenance to keep your saw in peak performance condition.

### **WARNING!**

*Make sure the machine is turned off and the cord is disconnected from the power source before servicing and removing/replacing any components on the machine.*

## LUBRICATION

The shaper has sealed lubricated bearings in the motor housing and arbour assembly and do not require any lubrication.

## CLEANING

The moisture from the wood dust remaining on the table surface can cause rust. The table and other un-painted surfaces of the machine should be cleaned and wiped after every use to make sure that there is no moisture against bare metal surfaces. Then seal with an aerosol or paste wax.

## V-BELT INSPECTION

The V-belt stretches with use and should be checked regularly. Check the V-belt for proper tension and belt condition every month.

# BELT REPLACEMENT

The belt stretches with use and should be checked regularly and replaced if needed.

To replace the V-belt on the CX307:

Make sure the cord is disconnected from the power source.

Open the cabinet door and turn the spindle height hand wheel to lower the spindle and motor assembly.

Loosen the belt tension lever and move the motor assembly to the right using the pivot handle. This will loosen the belt on the pulleys.

Remove the old V-belt and replace it with a new one.

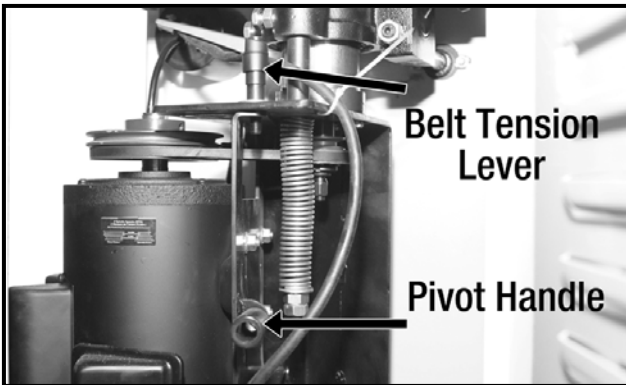


Figure-23 V-belt replacement

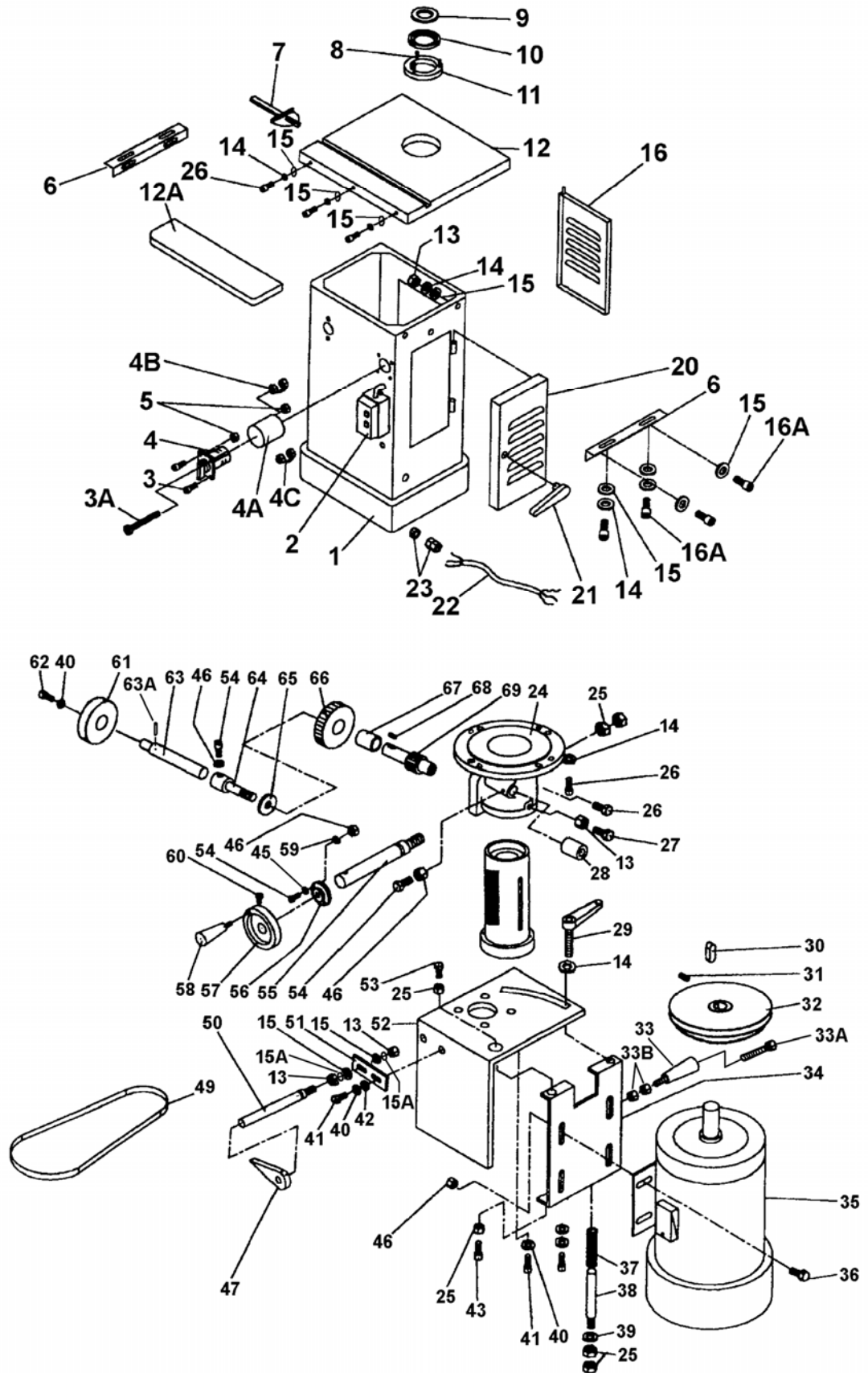
Make sure the belt is seated properly on the pulleys and slide the motor back into position to tension the belt. The belt is properly tensioned when there is approximately a 1/2" deflection in the center of the belt when you press with your thumb.

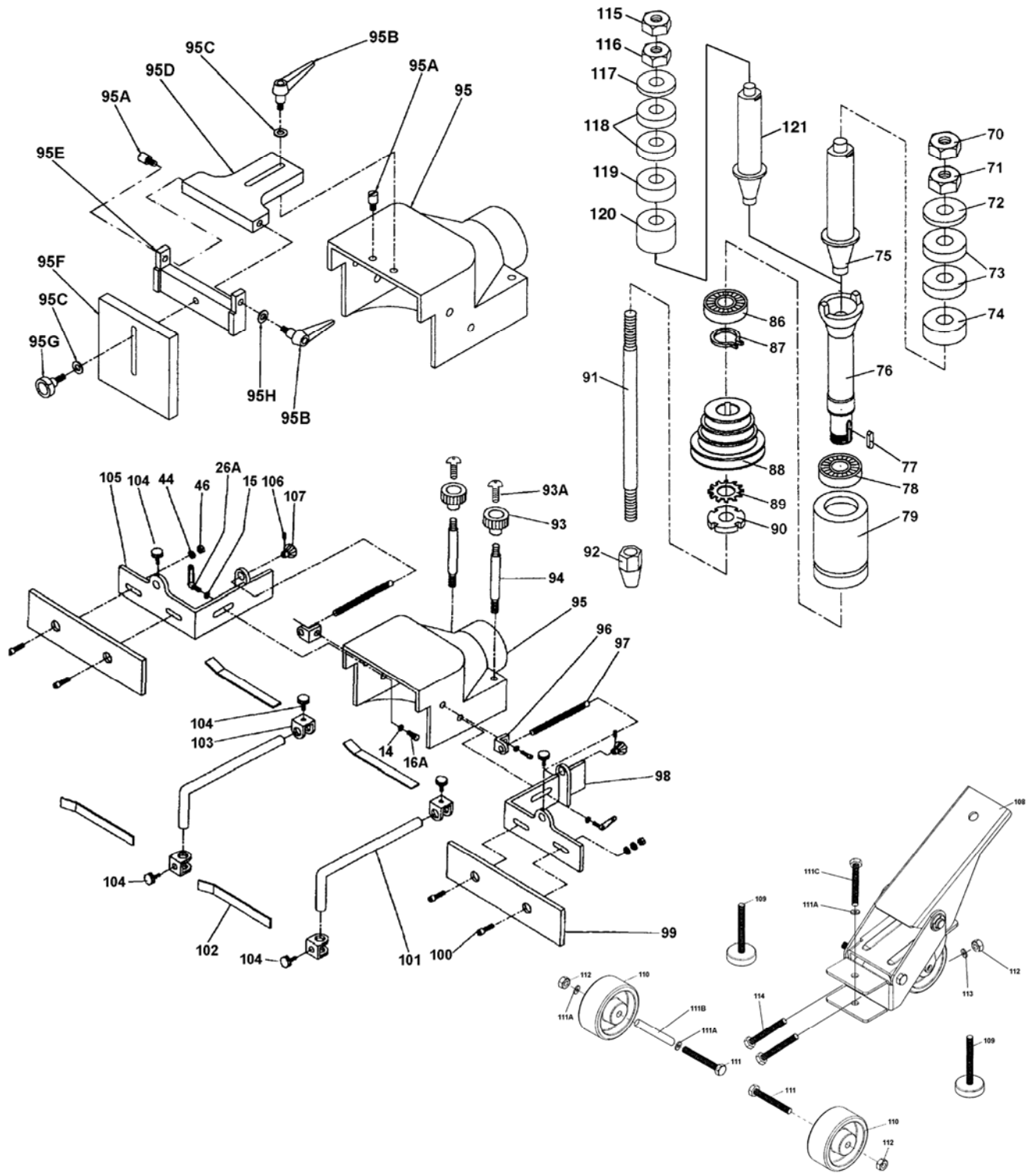
Once the belt is tensioned properly, tighten the belt tension lever and close the cabinet door.

# TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
The shaper does not start	1. The supply circuit has low/no voltage or high resistance.	1. Check breaker / If you are unqualified to test voltage, determine circuit loads, or rewire, contact a qualified electrician.
	2. The motor start capacitor is open or shorted.	2. Unplug the shaper and inspect the capacitor for oily residue, bubbled plastic, foul odor & test and replace accordingly.
	3. Forward/Reverse switch is in the "OFF" position.	3. Make sure the switch is in the "Forward" or "Reverse" position.
The shaper runs slow.	1. The belt-to-pulley ratio is set low speed.	1. Unplug the shaper and move the belt to the high speed pulley position.
	2. The extension cord used is the wrong gauge and has too much resistance, or supply circuit has low voltage, or high resistance.	2. Eliminate the extension cord and move the shaper closer to the wall receptacle. If you are unqualified to test or determine circuit loads, contact a qualified electrician.
The drive belt tears or runs off the shaper.	1. The belt tension is too low and the belt has run off the pulley.	1. Increase the belt tension to prevent slippage. DO NOT over tighten the belt tension.
The shaper vibrates, the spindle is loose or the cutter chatters.	1. The shaper is unstable and wobbles.	1. Stabilize the shaper with the floor, using shims.
	2. The spindle, cutter, or router bit spindle adapter is loose or out of alignment.	2. Reinstall spindle, cutter or router bit spindle adapter as outlined.
	3. The shaper has a loose motor or spindle cartridge.	3. Unplug the shaper & carefully look for loose motor, motor mounts, spindle cartridge or other parts. Tighten fasteners as required.
	4. The spindle gib screws are loose.	4. Tighten the spindle gib screws.

# CX307 PARTS DIAGRAM





# CX307 PARTS LIST

NO.	DESCRIPTION	QTY
1	Cabinet stand (special order)	1
2	Magnetic switch	1
3	Countersunk screw	2
3A	Pan head screw	2
4	Fwd/Rev. switch/selector	1
4A	Switch cover	1
4B	Strain relief	4
4C	Strain relief	1
5	Hex. nut	2
6	Angle bar	1
7	Miter gauge	3
8	Set screw	1
9	Table insert (small)	1
10	Table insert (medium)	1
11	Table insert (large)	1
12	Table	1
12A	Table extension	1
13	Hex. nut	11
14	Spring washer	18
15	Washer	19
15A	Spring washer	2
16	Rear door	1
16A	Round head allen screw	12
20	Side door	1
21	Lock handle	1
22	Power cord	1
23	Strain relief	1
24	Spindle base	1
25	Hex. nut	6
26	Hex. bolt	12
27	Special screw	1
28	Collar	1
29	Handle	1
30	Key	1
31	Set screw	1
32	Motor pulley	1
33	Knob	1
33A	Special bolt	1
33B	Hex. nut	2
34	Motor mount plate	1
35	Motor	1
36	Hex. bolt	4
37	Spring	1
38	Spring shaft	1
39	Washer	1
40	Spring washer	7
41	Hex. bolt	6
42	Washer	5
43	Special bolt	1

NO.	DESCRIPTION	QTY
44	Washer	4
45	Spring washer	4
46	Knob nut	12
47	Pointer	1
49	V-belt	1
50	Scale shaft	1
51	Plate	1
52	Motor angle plate	1
53	Screw	1
54	Hex. bolt	4
55	Handle shaft	1
56	Handwheel flange	1
57	Handwheel	1
58	Handle	1
59	Washer	2
60	Set screw	1
61	Handwheel	1
62	Round head allen screw	1
63	Lock bar	1
63A	Spring pin	1
64	Locking screw	1
65	Flange	1
66	Gear	1
67	Collar	1
68	Key	1
69	Gear shaft	1
70	Special nut (left hand)	1
71	Hex. nut	1
72	3/4" I.D. x 1/2" TH. Spacer	1
73	3/4" I.D. x 3/4" TH. Spacer	2
74	3/4" I.D. x 3/4" TH. Spacer	1
75	3/4" Spindle	1
76	Spindle quill	1
77	Key	1
78	Ball bearing	1
79	Quill housing	1
86	Ball bearing	1
87	Retaining ring/shaft	1
88	Spindle pulley	1
89	Lock washer	1
90	Lock nut	1
91	Draw bar	1
92	Special nut	1
93	Knob	2
93A	Flange head screw	2
94	Special bolt	2
95	Safety guard	1
95A	Special bolt	2
95B	Lock handle	2

NO.	DESCRIPTION	QTY
95C	Washer	2
95D	Sliding block	1
95E	Guard bracket	1
95F	Wooden edge	1
95G	Knob	1
95H	Spring washer	1
96	Adjust. threaded shaft bracket	2
97	Fence adjust. threaded shaft	2
98	Fence mount bracket (right)	1
99	Wooden fence	2
100	Countersunk screw	4
101	Hold down rod	2
102	Hold down bar	4
103	Hold down bracket	4
104	Knob	6
105	Fence mount bracket (left)	1
106	Set screw	2
107	Knob	2

NO.	DESCRIPTION	QTY
108	Castor	1
109	Leveling screw	2
110	Wheel	2
111	Hex. bolt	2
111A	Washer	5
111B	Sleeve	2
111C	Hex. bolt	1
112	Nylon hex. nut	4
113	Washer	2
114	Hex. bolt	2
115	Special nut (left thread)	1
116	Hex. nut	1
117	1/2" I.D. x 3/8" Spacer	1
118	1/2" I.D. x 1/2" Spacer	2
119	1/2" I.D. x 3/4" Spacer	1
120	1/2" I.D. x 1" Spacer	1
121	1/2" Spindle	1



## WARRANTY

### CRAFTEX 3 YEARS LIMITED WARRANTY

Crafter warrants every product to be free from defects in materials and agrees to correct such defects where applicable. This warranty covers **three years** for parts and 90 days for labour (unless specified otherwise), to the original purchaser from the date of purchase but does not apply to malfunctions arising directly or indirectly from misuse, abuse, improper installation or assembly, negligence, accidents, repairs or alterations or lack of maintenance.

*Proof of purchase is necessary.*

All warranty claims are subject to inspection of such products or part thereof and Crafter reserves the right to inspect any returned item before a refund or replacement may be issued.

This warranty shall not apply to consumable products such as blades, bits, belts, cutters, chisels, punches etceteras.

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

### **RETURNS, REPAIRS AND REPLACEMENTS**

To return, repair, or replace a Crafter product, you must visit the appropriate Busy Bee Tools showroom or call 1-800-461-BUSY. Crafter is a brand of equipment that is exclusive to Busy Bee Tools.

For replacement parts directly from Busy Bee Tools, for this machine, please call 1-800-461-BUSY (2879), and have your credit card and part number handy.

- All returned merchandise will be subject to a minimum charge of 15% for re-stocking and handling with the following qualifications.
- Returns must be pre-authorized by us in writing.
- We do not accept *collect* shipments.
- Items returned for warranty purposes must be insured and shipped pre-paid to the nearest warehouse
- Returns must be accompanied with a copy of your original invoice as proof of purchase. Returns must be in an un-used condition and shipped in their original packaging a letter explaining your reason for the return. Incurred shipping and handling charges are not refundable.
- Busy Bee will repair or replace the item at our discretion and subject to our inspection.
- Repaired or replaced items will be returned to you pre-paid by our choice of carriers.
- Busy Bee reserves the right to refuse reimbursement or repairs or replacement if a third party without our prior authorization has carried out repairs to the item.
- Repairs made by Busy Bee are warranted for 30 days on parts and labour.
- Any unforeseen repair charges will be reported to you for acceptance prior to making the repairs.
- The Busy Bee Parts & Service Departments are fully equipped to do repairs on all products purchased from us with the exception of some products that require the return to their authorized repair depots. A Busy Bee representative will provide you with the necessary information to have this done.
- For faster service it is advisable to contact the nearest Busy Bee location for parts availability prior to bringing your product in for repairs.