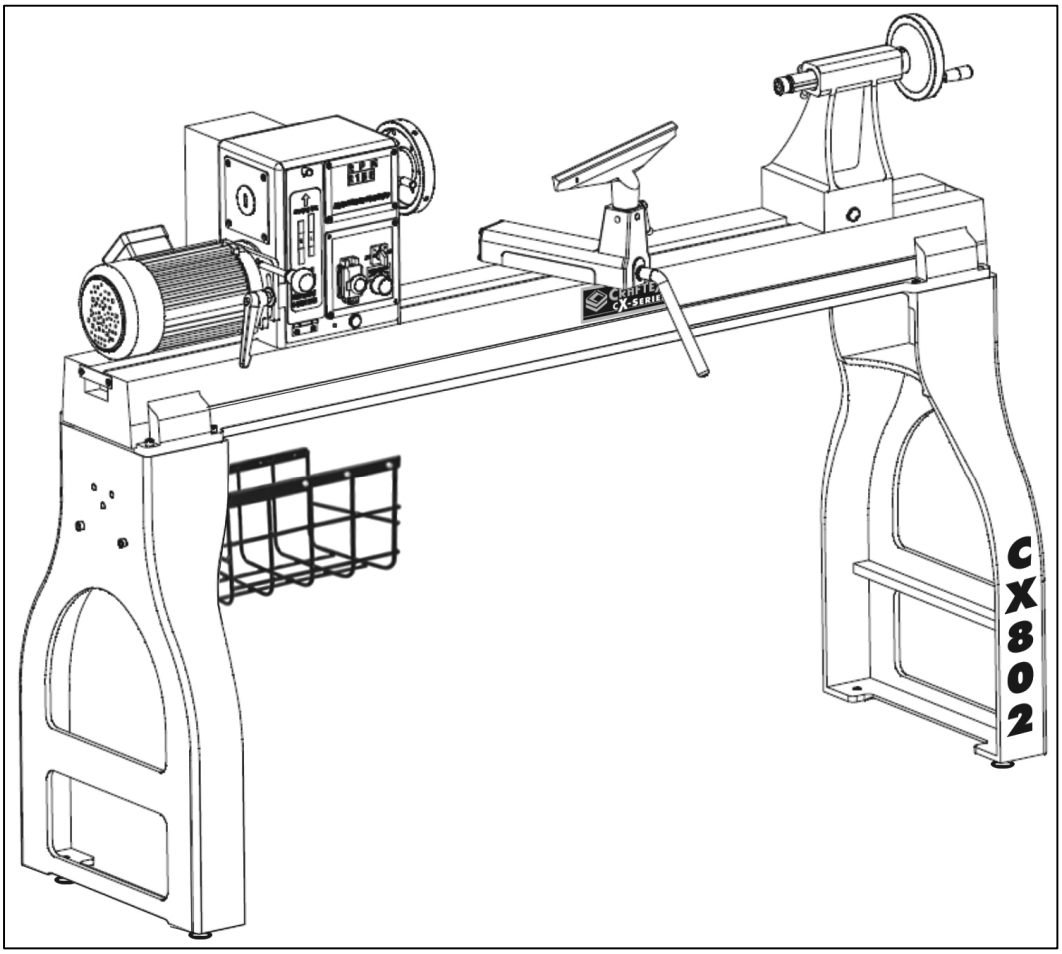
CX802
18” X 47” HEAVY DUTY WOOD LATHE
User Manual



Version 2

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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 owner's 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** wears loose clothing or jewelry when operating your machine. Wear protective hair covering.
- **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.
- **NEVER** leave a tool unattended while it is in operation.
- **NEVER** allow unsupervised or untrained personnel to operate the machine
- **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** use push sticks and feather boards to safely feed your work through the machine.
- **ALWAYS** make sure that any tools used for adjustments are removed before operating the machine.
- **ALWAYS** keep bystanders safely away while the machine is in operation.
- **NEVER** attempt to remove jammed cutoff pieces until the blade has come to a full stop.

CX802 – HEADY DUTY WOOD LATHE
SPECIFIC SAFETY INSTRUCTIONS

Like all power tools and machinery, proper safety and attention must be adhered to. There is danger associated with using any tool or machine so pay careful attention each and every time you use your tool. If you are not familiar with the operations of a lathe, you should obtain the advice and/or instructions from a qualified professional.

- **Read this operation manual** carefully and understand it before operating the lathe.
- **Do not over-reach**. Keep proper footing and balance at all times.
- **Maintain machine** in top condition. Keep machine clean for best and safest performance. Follow instructions for lubrication and changing accessories.
- **Disconnect the machine** from power source before servicing, changing accessories, and making any adjustments.
- **To avoid accidental starting**, make sure the switch is in the OFF position before plugging in the power cord.
- **Never leave the lathe running** and unattended. Turn the power OFF. Do not leave the machine until it comes to a complete stop.
- **Start and stop the machine yourself**. To avoid accidental injuries make sure not to have anybody help you do this.
- **Always wear dust mask** operation creates a lot of sawdust and/or chips.
- **Always operate** the tools in a well-ventilated area and make sure to use a proper dust collection system for optimum dust removal.
- **Turn OFF then machine** before making any adjustments or servicing.
- **Do not attempt** to measure the work-piece size while the machine is running.
- **Make sure** the work-piece is clamped securely between the centers before starting the machine.
- **Only use** correct size centers.
- **After adjusting or servicing** the machine, remember to remove all wrenches and other tools from the machine.
- **Make sure you have read and understood** the instructions given in this manual and you are familiar with your lathe 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*.**

CX802 – HEAVY DUTY WOOD LATHE

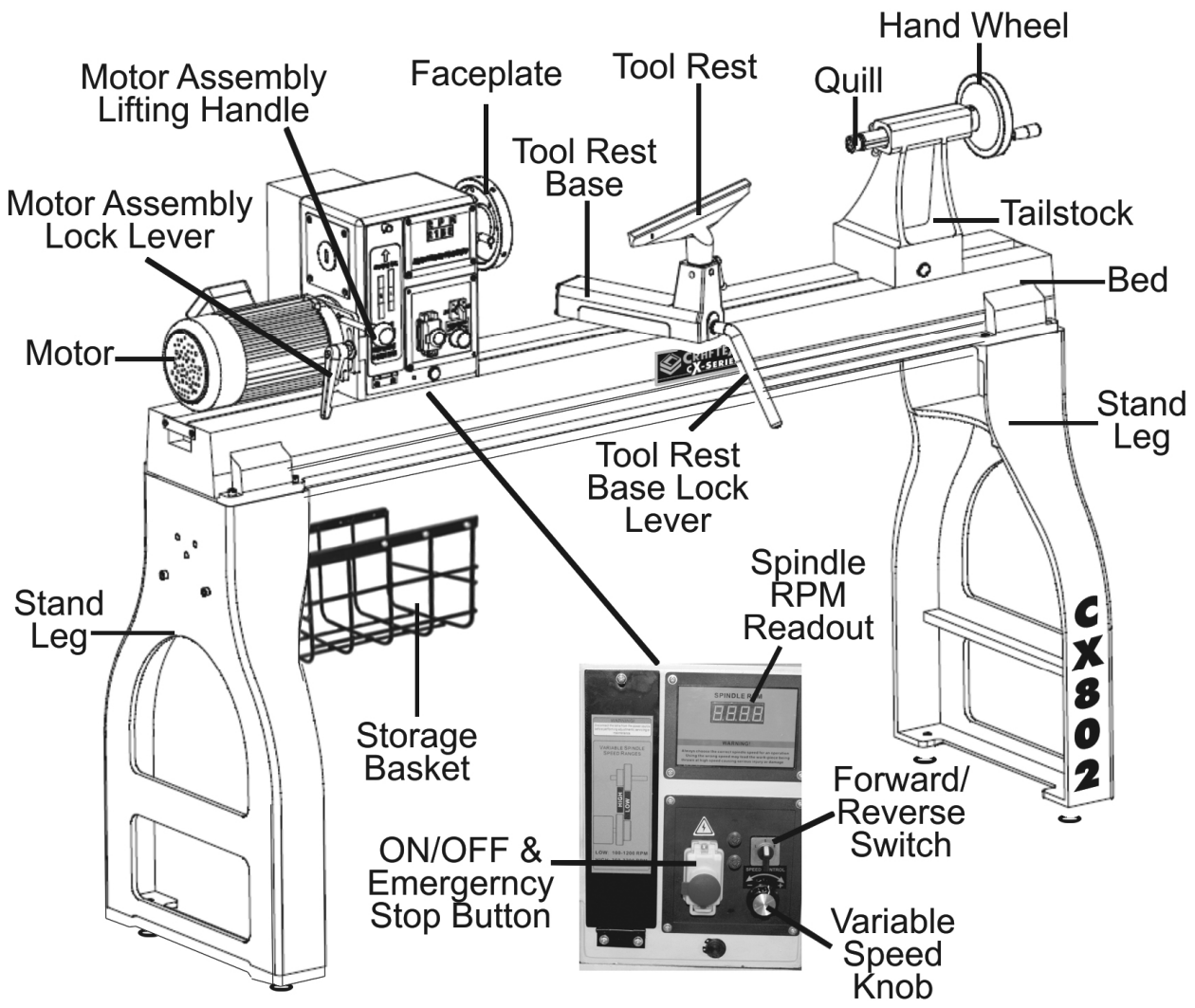
FEATURES

MODEL CX802 – 18" x 47" HEAVY DUTY WOOD LATHE

As part of the growing line of Craftex CX-Series woodworking equipment, we are proud to offer the CX802, a 18" x 47" Heavy Duty Wood Lathe. By following the instructions and procedures laid out in this user manual, you will receive years of excellent service and satisfaction. The CX802 is a professional tool and like all power tools, proper care and safety procedures should be adhered to.

- Power Requirements.....240V, 1PH, 9.5A, 1720RPM
- Amp .....5.6 Amps
- Number of Speeds.....Variable Speed
- Spindle Taper MT2
- Spindle Size.....1-1/4” x 8 TPI RH
- Swing Over Bed.....18” (460mm)
- Swing Over Tool Rest.....14" (356mm)
- Distance Between Centers .....47” (1200mm)
- Spindle Speed Ranges.....Variable, 100 - 1200 RPM & 330 - 3200 RPM
- Tailstock Taper.....MT2
- Faceplate Size.....6" (152mm)
- Tool Rest Size .....14" (355mm)
- Bed Construction.....Precision Ground Cast Iron
- Stand Construction.....Cast Iron
- Headstock Construction .....Cast Iron
- Tailstock Construction .....Cast Iron
- Tailstock Spindle Travel .....4" (110mm)
- Overall Dimensions .....Length 104” x Width 25” x Height 50”
- Approx Weight.....440 lbs (200 Kg)
- Warranty.....3 Years

CX802 – HEAVY DUTY WOOD LATHE
PHYSICAL FEATURES



PROPER GROUNDING

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

CX802 is equipped with a 220-V 3 phase motor and is provided with a power supply cord that is to be connected directly to the source. Connection must be done by a qualified electrician in accordance with electrical code and local electrical codes.

This machine is for use on a normal 240 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.

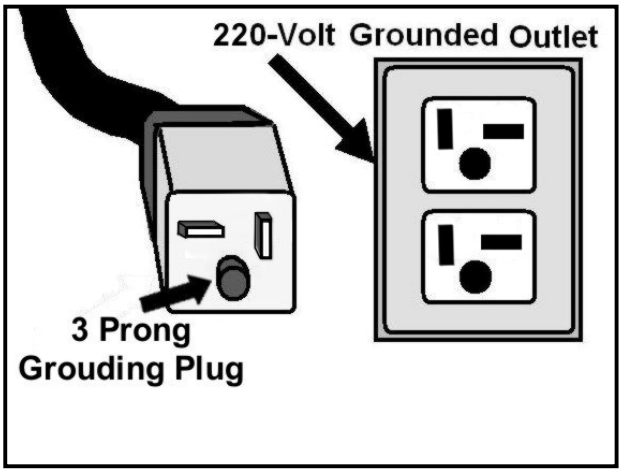


Figure-1 240-Volts outlet for CX802

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.

It is strongly recommended not to use extension cords with your CX802. Always try to position your machine close to the power source so that you do not need to use extension cords.

When it is 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.

Your CX802 should be wired with a plug having 3-prongs to fit a 3 prong grounded receptacle as shown in figure-3.

Do not remove the grounding prong to fit it into a 2-pronged outlet. Always check with a qualified electrician if you are in doubt.

UNPACKING

The machine is properly packaged and shipped complete in a crate for safe transportation. When unpacking, carefully inspect the crate to ensure that nothing has been damaged during transit. Open the crate and check that the lathe and the parts are in good condition.

While doing inventory, if you can not find any part, check if the part is already installed on the machine. Some of the parts come pre-assembled.

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A. Lathe 1

B. Tailstock Center 1

C. Headstock Center.....1

D. Faceplate 1

E. Stand Legs 2

F. Leveling Feet.....4

G. Tool Rest.....1

H. Knockout Bar.....1

I. Storage Basket.....1

J. Hex Wrenches.....4

K. Hardware.....in a Bag

SETUP

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

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

WARNING!

CX802 is a very heavy machine. Do not over-exert yourself. Use a fork truck or other mechanical devices for safe moving.

When moving the machine, position the straps under the lathe bed to lift the lathe safely. Make sure when lifting, the lathe is balance on both sides.

MOUNTING

The CX802 comes with 4 pre drilled holes on the stand legs that allow mounting the feet or securing the lathe to the floor.

Lag shield anchors with lag screws and anchor studs (not included) are the two best methods for mounting an object on the concrete floor.

When mounting the lathe on the floor, make sure the lathe is balanced from all four sides. If the lathe is not balanced, use shims under the legs to balance it.

ASSEMBLY

TO ASSEMBLE YOUR CX802:

Position the stand legs up right, aligned about 57" apart from each other.

Lift the lathe with the help of a fork truck or another mechanical device and place it on the stands.

Align the holes on the lathe bed with the holes on the stand legs and secure the lathe onto the stand using screws and washers provided. See figure-2.

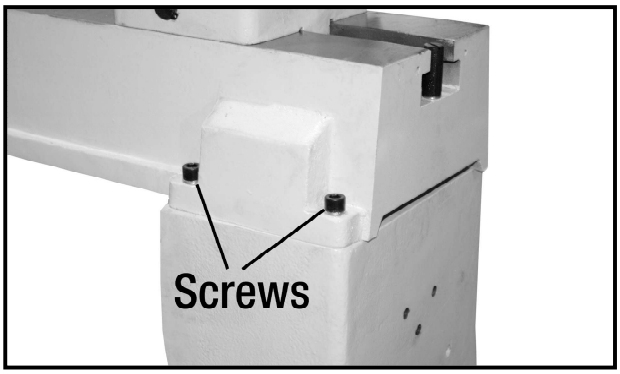


Figure-2 Lathe secured on the stand

Get the help of the an assistant and lift one end of the lathe onto a support block.

Remove the hex nuts from the feet and insert the feet into the mounting holes of the leg. Do not tighten the hex nuts at this time.

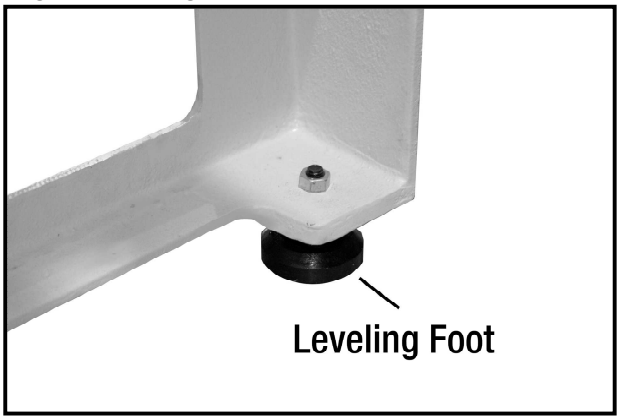


Figure-3 Installing the leveling feet

Remove the support block and place it under the other stand leg and install the other rubber feet in the same way.

Remove the support block and position the lathe on the floor. Adjust the rubber feet so that the lathe is balanced from all four sides and tighten the screws.

Insert the tool rest into the tool rest base and tighten the lock handle shown in figure-4.

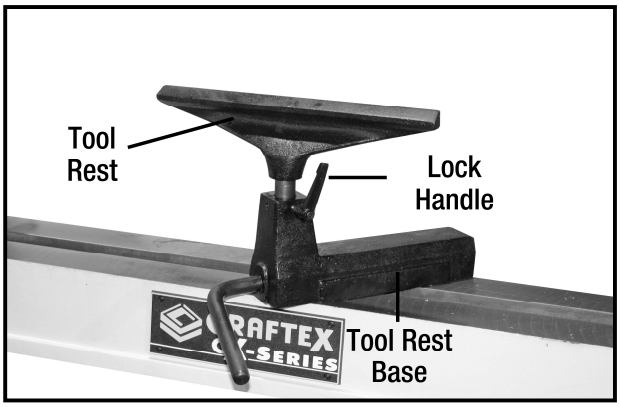


Figure-4 Installing the tool rest

Attach the storage basket to the leg and secure it using screws and washers provided. See figure-5.

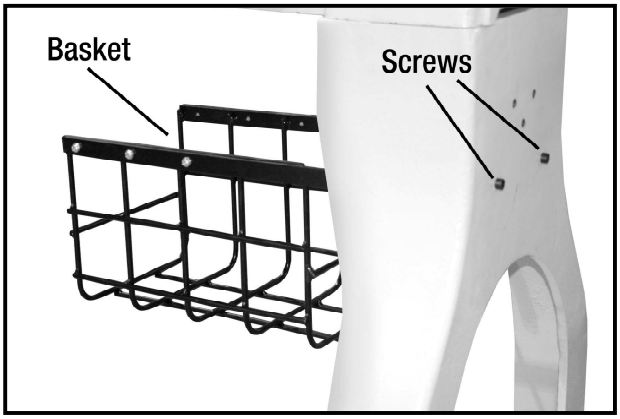


Figure-5 Installing the storage basket

BASIC CONTROLS

The basic controls on your CX802 are shown in figure-6. Make sure to familiar yourself with these controls before turning your lathe ON.

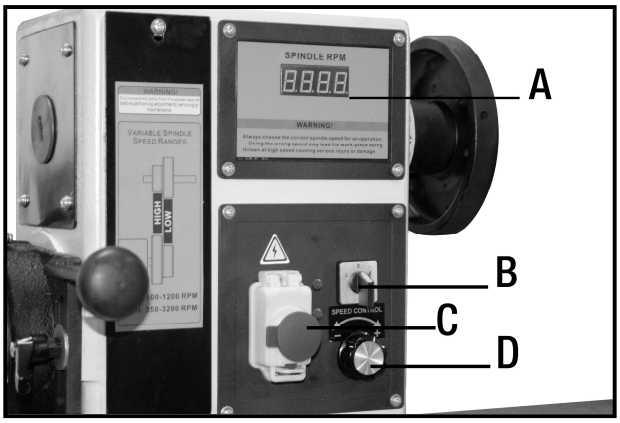


Figure-6 CX802 Basic controls

A. SPINDLE RPM READOUT
Displays the spindle speed in rotations per minute (RPM).

B. SPINDLE FORWARD/REVERSE SWITCH
Allows to change the direction of rotation of spindle (clockwise or anti-clockwise).

C. ON/OFF SWITCH with EMERGENCY STOP BUTTON
Turns the lathe ON and OFF.

D. VARIABLE SPEED CONTROL KNOB
Allows to adjust the spindle speed from low to high.

TEST RUN

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

Remove all the tools used for assembling the machine and make sure all the guards are in place.

TO TEST RUN THE CX802:

1. Connect the cord to the power outlet.

2. Set the spindle forward/reverse switch to "O" position and turn the variable speed control knob all the way to the left.

3. Push the tab on the emergency stop button and lift the button opening the switch cover. Press the green button to turn ON the machine.

4. Turn the spindle forward/reverse switch to "R" position and turn the variable speed control knob slowly and increase the spindle speed.

The machine should run smoothly with little or no vibration. If you

The machine will run smoothly with little vibration and noise. If you hear any unusual noise(s) coming from the machine or if it vibrates excessively, shut the machine OFF immediately and disconnect from the power source. Investigate to determine the problem with your machine. See page-20 for troubleshooting.

5. Turn the spindle forward/reverse switch to "O" position and push emergency stop button. This should stop the machine.

6. Without opening the emergency stop button , turn the spindle forward/reverse switch to the "L" or "R" position. The machine should not start at either position.

If the machine gets started, disconnect the cord from the power source. This means that the safety feature does not work on your machine and it should be fixed.

If the machine does not start, it means that the safety feature on your CX802 is working properly.

> ***WARNING!***
> *Do not make any adjustments while the machine is running. Turn the machine OFF and un-plug the cord from the power source before making any adjustments. Failure to do so may cause serious personal injury and damage to the lathe.*

HEADSTOCK ADJUSTMENT

The headstock on the CX802 features a cam-action lever clamping system allows securing it to the bed. The headstock can be positioned and secured anywhere along the bed.

TO POSITION THE HEADSTOCK ALONG THE BED:

Disconnect the cord from the power source.

Loosen the headstock lock lever. See figure-7.

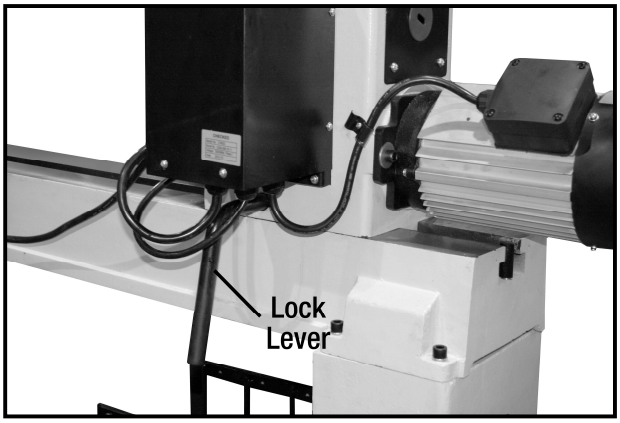


Figure-7 Headstock lock lever

Slide the headstock on the lathe bed to the desired location and tighten the lock lever properly to secure the headstock onto the bed.

> ***WARNING!***
> *Make sure the headstock lock lever is properly tightened and the headstock is locked before operating the lathe. Failure to do so could result serious personal injuries.*

TAILSTOCK ADJUSTMENT

You can adjust the tailstock in the same manner as the headstock.

TO POSITION THE TAILSTOCK ALONG THE LATHE BED:

Make sure the cord is disconnected the cord from the power source.

Loosen the lock lever securing the tailstock onto the lathe bed. See figure-8.

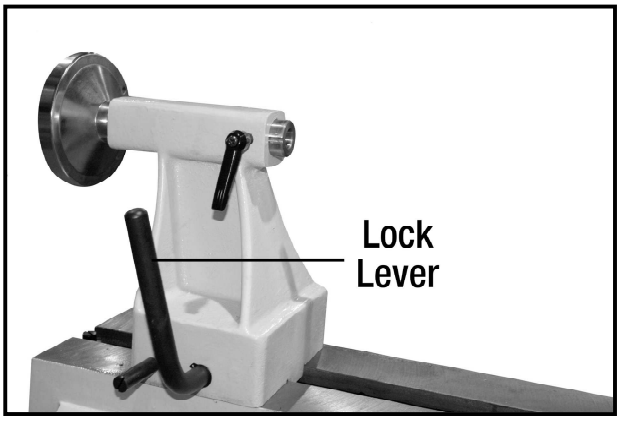


Figure-8 Tailstock lock lever

Position the tailstock to the desired position on the lathe bed and tighten the lock lever to secure it in place.

WARNING!

Make sure the tailstock lock lever is properly tightened and the tailstock is locked before operating the lathe. Failure to do so could result serious personal injuries.

TOOL REST ADJUSTMENT

The tool rest on CX802 features a cam-action lever clamping system which allows securing the tool rest base onto the lathe bed.

TO POSITION THE TOOL REST ASSEMBLY:

Loosen the tool rest base lock lever and position the tool rest to the desired position on the lathe bed.

Insert the tool rest into the tool res base and secure it by tightening the lock handle. See figure-9.

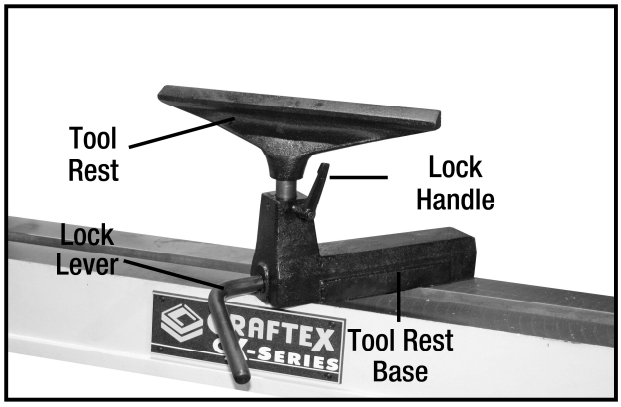


Figure-9 Tool rest assembly

WARNING!

Make sure the tool rest is locked properly before operating the lathe. Failure to do so could result serious personal injuries.

To adjust the angle and height of the tool rest:

Loosen the lock handle securing the tool rest to the base and adjust the tool rest position.

Position the tool rest so that it is about 1/4" away and approximately 1/8" above the center of the work-piece.

Once the tool rest is at the desired position and proper height, tighten the lock handle to secure the tool rest in place.

INSTALLING/REMOVING HEAD STOCK CENTER

The headstock is provided with an MT2 tapered center.

TO INSTALL THE CENTER:

Disconnect the cord from the power outlet.

Clean the center and the spindle and make sure they are free of debris.

Insert the tapered end of the center into the spindle and push it in so that it securely fit into the spindle. See figure-10.

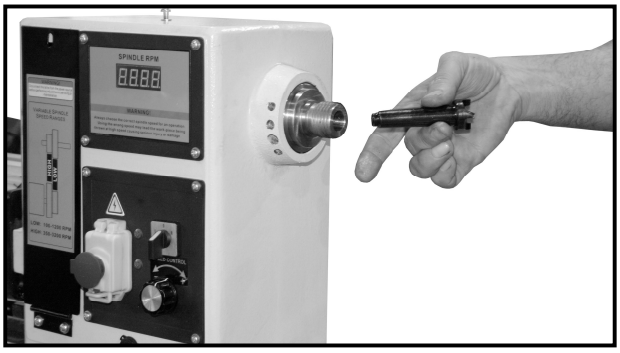


Figure- 10 Installing the headstock center

TO REMOVE THE CENTER:

Make sure the switch is in the OFF position the cord is disconnected from the power outlet.

Put on gloves or use a rag and hold one of your hands under the center so that it does not fall on the lathe bed when it is knocked out.

Insert the knockout rod through the opposite end of the headstock and tap the center to remove it. See figure-11.

Figure-11 Uninstalling the headstock center

INSTALLING/REMOVING TAILSTOCK CENTER

The CX802 comes with an MT2 tapered center for the tailstock.

TO INSTALL THE CENTER:

Loosen the quill lock lever and rotate the tailstock quill hand wheel until the quill comes out about 1” from the tailstock.

Clean the center and the quill and make sure there is no dust or debris on the mating surfaces of both.

Insert the tapered end of the center into the quill and push it in, making sure that it is installed securely into the quill. See figure-12.

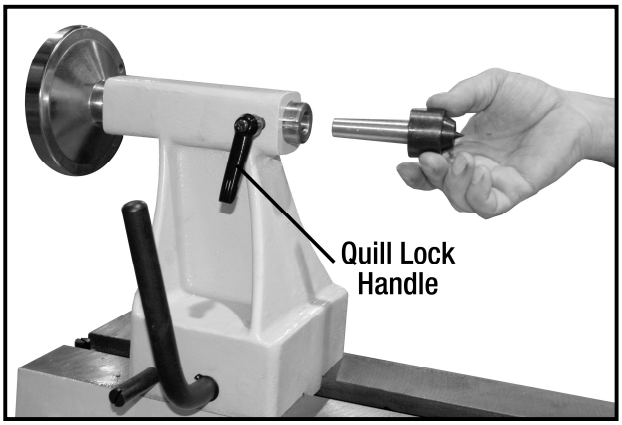


Figure-12 Installing the tailstock center

Secure the quill in place by re-tightening the quill lock lever.

TO REMOVE THE CENTER:

Loosen the quill lock lever.

Hold the center with a piece of cloth so that it does not fall on the lathe bed when came out from the quill.

Rotate the tailstock hand wheel counter-clockwise. This will cause the quill to retract into the tailstock and the center will come out from the quill.

INSTALLING/REMOVING FACEPLATE

The faceplate can be installed on the other side of the headstock allowing turning work-piece more than 6” in diameter.

TO INSTALL THE FACEPLATE:

Make sure the switch is in the OFF position the cord is disconnected from the power outlet.

Loosen the set screws located on the faceplate, securing the faceplate to the spindle. See figure-13

Insert the knockout bar into the hole shown in figure-13 to lock the spindle and thread the faceplate onto the spindle. See figure-13.

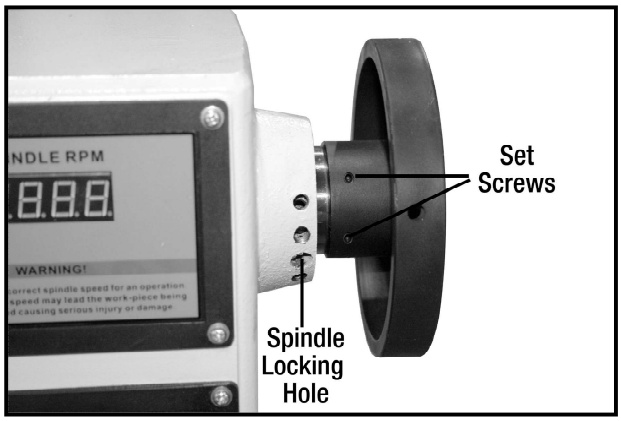


Figure-13 Installing the faceplate

Thread the faceplate onto the spindle until it is snug and retighten the set screws on the faceplate to secure it to the spindle.

WARNING!

The faceplate must be properly threaded onto the spindle and secured by tightening the four set screws to prevent the work-piece from flying off during operation. Failure to do so could result serious personal injuries.

TO REMOVE THE FACEPLATE:

Make sure the spindle lock pin is engaged. Loosen the screws securing the faceplate to the spindle and unthread the faceplate.

> ***WARNING!***
> *Make sure the switch is in the OFF position and the cord is disconnected from the power source before installing, servicing and removing/replacing any components on the machine. Failure to do so may result serious personal injuries.*

SPINDLE SPEEDS

The CX802 features two speed ranges and these speed ranges are selected by positioning the belt on different grooves of the pulleys. See figure-14.

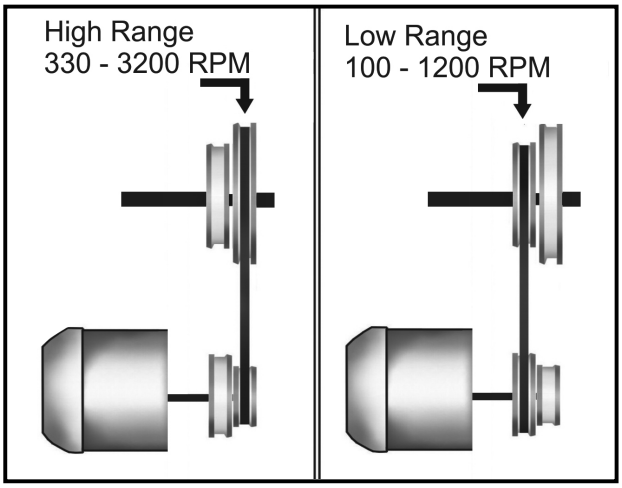


Figure-14 Speed range belt positions

The low speed range is used when turning a work-piece where a lot of material must be removed and rough finish is not a problem.

The high speed range is used when a smooth finish is required and when only light cuts are made.

The mid range is a compromise between the high and low range.

TO CHANGE THE SPINDLE SPEED:

Make sure the switch is in the OFF position and the cord is disconnected from the power source.

Remove the screw securing the belt cover and open the cover as shown in figure-15.

Figure-15 Belt cover opened

Loosen the belt tensioning lever shown in figure-16.

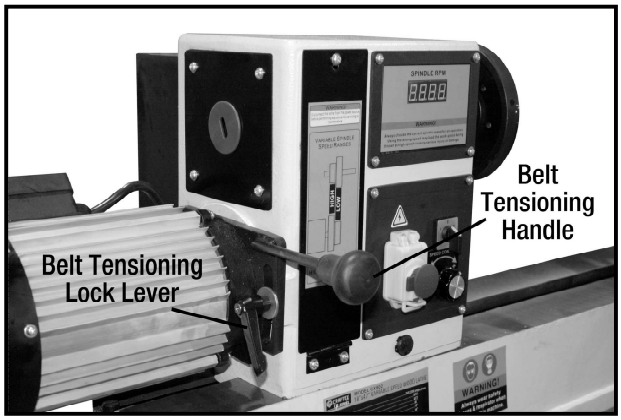


Figure-16 Belt tensioning

Lift the motor assembly all the way up, using belt tensioning handle shown in figure-16, and retighten the belt tension lock lever to lock the motor in position.

Position the belt onto the desired set of pulleys and loosen the belt tension lock lever.

Push the motor assembly downward to tension the belt properly and retighten the lock lever to lock the motor assembly in position.

Once the belt is tensioned, push the belt with your index finger, applying moderate pressure, mid-way between the upper and lower pulley and the belt should deflect about 1/8".

Close the belt cover and retighten the screw.

WORKPIECE INSPECTION

Before cutting any wood, make sure to inspect the work-piece for nails, staples, small pieces of stone or metal and any other foreign object which is dangerous to come on contact with the blade.

If the wood contains any of these objects and it comes in contact with the cutting tool, the object might fly and hit the operator or seriously damage the blade. For safety, always inspect your work-piece carefully before cutting and wear eye protection.

Some woods with excessive twisting or warping are un-stable while cutting and are dangerous to cut because during operation the work-piece can move un-expectedly which can either damage the blade or hurt the operator.

SPINDLE TURNING

The turning operation in which the work-piece is mounted between the headstock and the tailstock is called spindle turning.

TO PERFORM SPINDLE TURNING OPERATION:

Select a work-piece and draw diagonal lines from corner to corner across the end of the work-piece to find the center point.

Take a spur and a mallet and tap center marks on both ends of the work-piece.

Drill about 1/4" holes on the center marks on both ends of the work-piece using a 1/4" drill bit.

You can cut the corners of the work-piece lengthwise to make turning easier.

Make sure the spur center is aligned with the mark made on the work-piece and push the spur center about 1/4" into the work-piece end.

Insert the spur into the headstock spindle with the work-piece attached to it and make sure it is secured.

Install the live center into the tailstock quill and tighten the quill lock lever to secure the quill in position.

Now, loosen the tailstock lock lever and slide the tailstock on the lathe bed towards the work-piece until the live center comes in contact with the work-piece. Make sure the live center is aligned with the marked center on the end of the work-piece.

Now, loosen the quill lock lever and rotate the tailstock hand wheel pushing the live

center into the work-piece about 1/4" and re-tighten the quill lock lever.

Position the tool rest approximately 1/8” above the work-piece center and 1/4" away from the work-piece.

Before starting the lathe turn the spindle by hand, and make sure the work-piece is not touching the tool rest.

FACEPLATE TURNING

Faceplate turning is the turning operation in which the work-piece is attached to the faceplate and then the faceplate is installed on the headstock spindle (with the work-piece) for turning.

TO PERFORM FACEPLATING:

Find the center point by drawing diagonal lines from corner to corner on one end of the work-piece.

Cut off the corners of the work-piece to make turning easier and safe.

Position the faceplate on the work-piece and make sure it is centered. Attach the work-piece to the faceplate using wood screws that do no have tapered heads.

Once the work-piece is securely attached to the faceplate, thread the faceplate onto the headstock spindle and tighten the four screws to secure the faceplate.

MAINTENANCE

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

1. Check the lathe daily for:

- **A.** Loose mounting bolts
- **B.** Worn or damaged wires
- **C.** Worn switch
- **D.** Any other unsafe condition

2. Protect the unpainted cast iron surfaces of the lathe by clean the chips after every use and wiping with dry piece of cloth.

3. Apply a thin layer of oil on the bed slide ways and the unpainted cast iron surface to keep the bed rust-free.

4. A build up of dust in the motor can cause motor damage. Periodic cleaning of the motor is not only recommended, but mandatory for normal wood lathe performance.

WARNING!

Make sure the switch is in the OFF position and the cord is disconnected from the power source before installing, servicing and removing/replacing any components on the machine. Failure to do so may result serious personal injuries.

BELT REPLACEMENT

TO CHANGE THE BELT:

Make sure the switch is in the OFF position and the cord is disconnected from the power source.

Remove the screw securing the belt cover and open the cover as shown in figure-15.

Figure-15 Belt cover opened

Loosen the belt tensioning lever shown in figure-16.

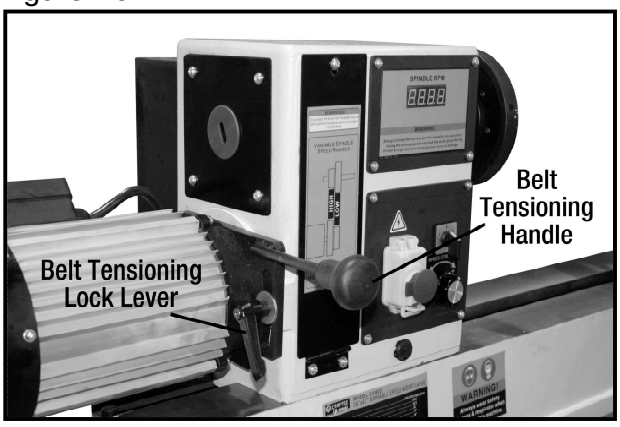


Figure-16 Belt tensioning

Lift the motor assembly all the way up, using belt tensioning handle shown in figure-16, and retighten the belt tension lock lever to lock the motor in position.

Remove the belt from the lower (motor) pulleys first, then from the upper (spindle) pulleys.

TO INSTALL THE NEW BELT:

Install the new belt by rolling the belt onto the upper (spindle) pulleys first, then onto the lower (motor) pulleys.

Once the belt is installed onto the pulleys, push the motor assembly downward to tension the belt properly and retighten the lock lever to lock the motor assembly in position.

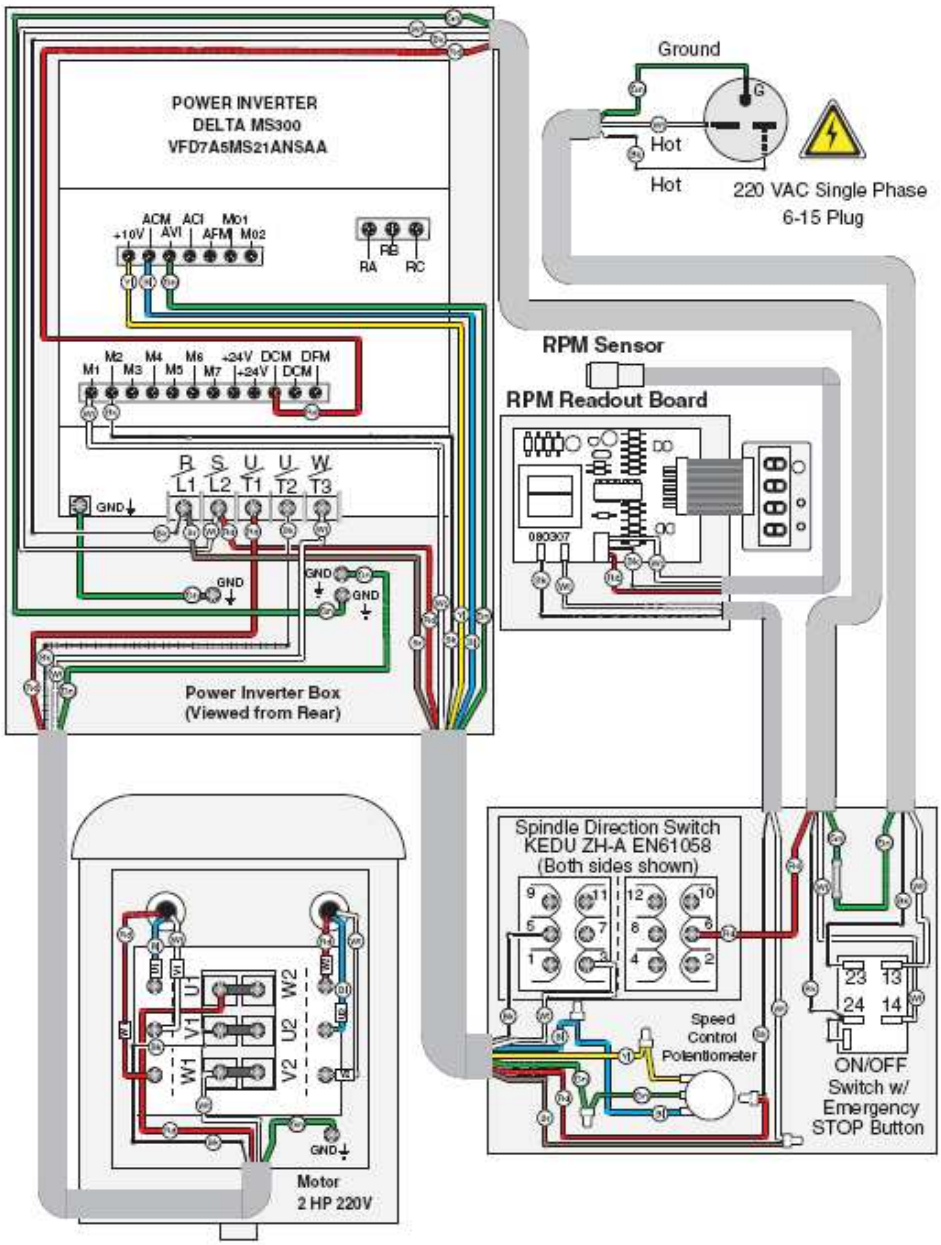
Once the belt is tensioned, push the belt with your index finger, applying moderate pressure, mid-way between the upper and lower pulley and the belt should deflect about 1/8".

Close the belt cover and retighten the screw.

WARNING!

Make sure the switch is in the OFF position and the cord is disconnected from the power source before installing, servicing and removing/replacing any components on the machine. Failure to do so may result serious personal injuries.

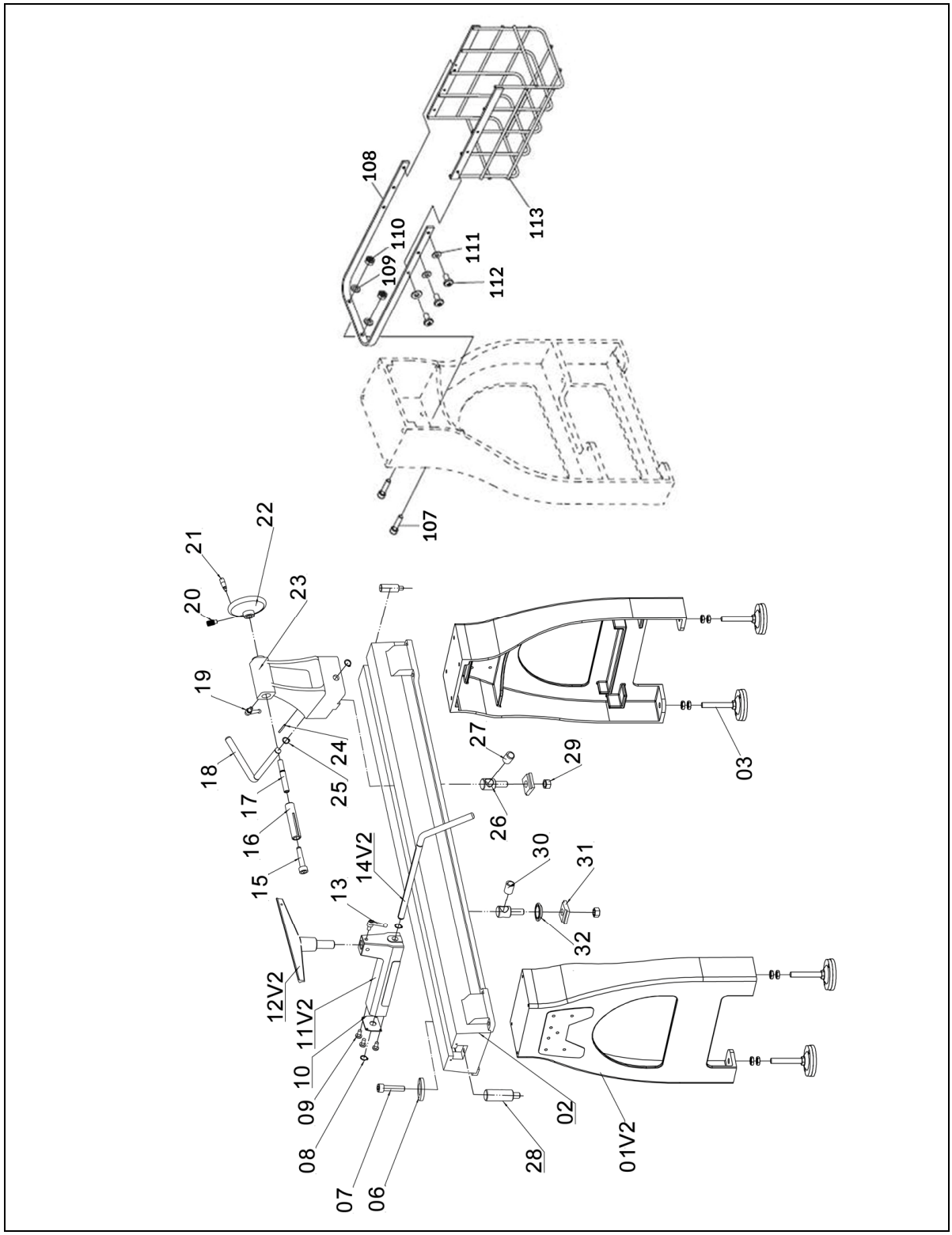
CX802 WIRING DIAGRAM



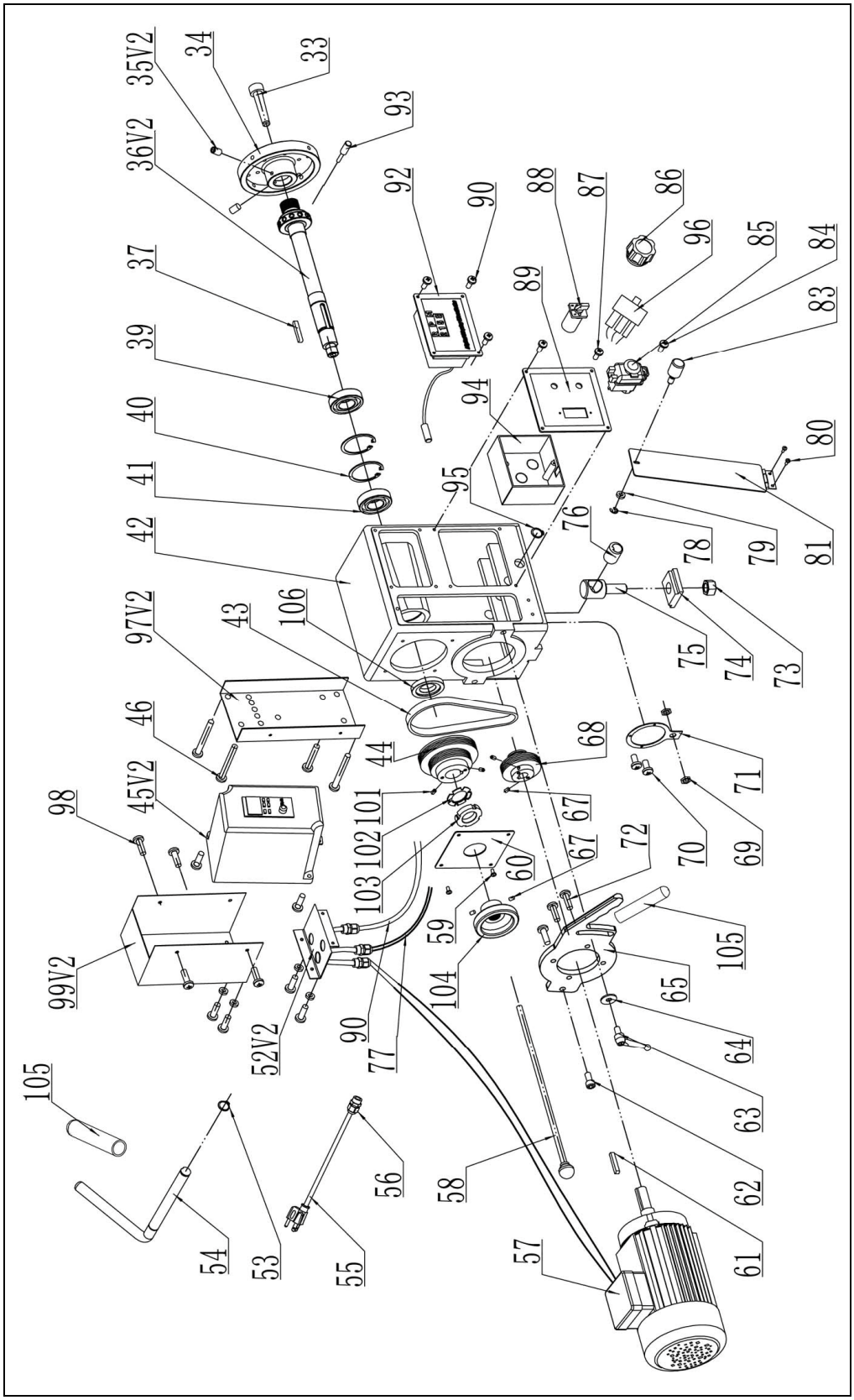
CX802 TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Excessive Vibration.	1. Work piece warped, out of round, has major flaw, or was improperly prepared for turning 2. Worn spindle bearings 3. Worn belt 4. Motor mount bolt or handle loose 5. Lathe on uneven surface	1. Correct problem by planing, sawing, or scrap work-piece all together 2. Replace bearings 3. Replace belt 4. Tighten bolt or handle 5. Shim lathe bed, or adjust feet on stand
Motor or Spindle Stalls or Will not Start	1. Excessive cut 2. Worn motor 3. Broken belt 4. Worn spindle bearings 5. Improper cooling on motor	1. Reduce cut depth 2. Replace motor 3. Replace belt 4. Replace bearings 5. Clean sawdust from motor fan
Motor fails to develop full power.	1. Power line overloaded 2.Undersize wires in supply system 3. Low voltage 4. Worn motor	1. Correct overload condition 2. Increase supply wire size 3. Request voltage check from power company and correct low voltage condition 4. Replace motor
Tools tend to grab or dig in.	1. Dull tools 2. Tool support set too low 3. Tool support set too far from work piece 4. Improper tool being used	1. Sharpen tools 2. Reposition tool support height 3. Reposition tool support closer to work-piece 4. Use correct tool for operation
Digital readout does not work	1. Digital readout sensor out of position	1. Open the belt access and position the sensor so that it reads the bolts

CX802 STAND AND BED PARTS BREAKDOWN



CX802 HEADSTOCK PARTS BREAKDOWN



CX802 PARTS LIST

NO.	DESCRIPTION	QTY	NO.	DESCRIPTION	QTY
1 V2	STAND LEG	2	60	PLATE	1
2	BED	1	61	KEY 6X6X48	1
3	FOOT	4	62	CAP SCREW M10x30	1
6	BAFFLE	4	63	HANDLE	1
7	CAP SCREW M10x35	4	64	WASHER 10	2
8	C-RING C-19	2	65	MOTOR ASSEMBLY PLATE	1
9	SET SCREW M5x10	8	67	SET SCREW M6X12	2
10	BAFFLE	8	68	MOTOR PULLEY	1
11 V2	TOOL REST BASE	2	69	NUT M12X1	2
12 V2	TOOL REST	4	70	SCREW M4x8	2
13	TOOL REST LOCK HANDLE	1	71	BRACKET FOR SENSOR	4
14 V2	TOOL REST BASE LOCK LEVER	1	72	SET SCREW M8X20	4
15	CENTER	1	73	HEX NUT M18	1
16	QUILL	1	74	CLAMP	1
17	LEAD SCREW	1	75	CLAMP BOLT	1
18	TAILSTOCK LOCK LEVER	1	76	BUSHING	1
19	TAILSTOCK QUILL LOCK HANDLE	1	78	WASHER	1
20	SET SCREW M8X12	1	79	WASHER	2
21	HANDLE	1	80	SCREW M5x12	2
22	HANDLE WHEEL	1	81	BELT DOOR	1
23	TAILSTOCK	1	82	SPEED LABEL	1
24	PIN	1	83	KNOB OR SCREW M5X12	1
25	C-RING C-19	1	84	SCREW M4x10	4
26	CLAMP BOLT	1	85	ON/OFF SWITCH	1
27	BUSHING	1	86	VARIABLE SPEED KNOB	1
28	SHAFT	2	87	SCREW M4x10	2
29	HEX NUT M18	2	88	FWD/REV SWITCH ZH-A	1
30	BUSHING	1	89	PANEL COVER	1
31	CLAMP	2	90	SCREW M4x10	2
32	SUPPORT BRACKET	2	91	SCREW M4x10	4
33	HEADSTOCK SPUR	1	92	SPINDLE DIGITAL READOUT	1
34	FACEPLATE	2	93	HEX HEAD BOLT	1
35 V2	SET SCREW M6X12	1	94	SWITCH BOX	2
36 V2	SPINDLE	1	95	C-RING C-19	1
37	KEY C 8X7X45	1	96	VARIABLE SPEED CONTROL	1
39	BEARING 6206	2	97 V2	INVERTER COVER	1
40	C-RING C-62	1	98	SCREW	4
41	BEARING 6206	1	99 V2	INVERTER MOUNTING BRACKER	1
42	HEADSTOCK	1	100	250V, 20AMPS FUSE HOLDER	2
43	POLY-V BELT 530J6	1	101	SET SCREW M8 x 10	1
44	SPINDLE PULLEY	2	102	EXT TOOTH WASHER 30MM	1
45 V2	INVERTER	1	103	SPANNER NUT	1
46	SCREW M5x30	1	104	SPINDLE HAND WHEEL	1
50	WASHER	1	105	HANDLE SLEEVE	1
51	SCREW M4x8	1	106	PULLEY SPACER	1
52 V2	CORD BRACKET	1	107	CAP SCREW M3-1.25 X 35	2
53	C-RING C-19	4	108	BASKET BRACKET	1
54	HEADSTOCK LOCK LEVER	1	109	LOCK WASHER 8MM	6
55	POWER CORD	2	110	HEX NUT M8-1.25	2
56	STRAIN RELIEF	1	111	LOCK WASHER 6MM	6
57	MOTOR	1	112	PHLP HD SCR M6-1 X 12	6
58	KNOCKOUT ROD	1	113	STORAGE BASKET	1
59	SCREW M5x12	4			

WARRANTY

CRAFTEX 3 YEARS LIMITED WARRANTY

Craftex 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 labor (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 Craftex 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.

Craftex 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 Craftex product, you must visit the appropriate Busy Bee Tools showroom or call 1-800-461-BUSY. Craftex 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.