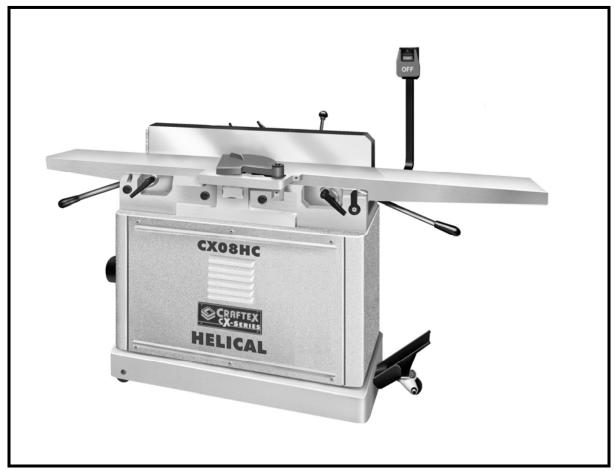


# MODEL CX08HC 8" JOINTER WITH HELICAL CUTTERHEAD USER MANUAL



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# **GENERAL SAFETY INSTRUCTIONS**

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** 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.
- SE 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 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 or installation is removed before operating the machine.
- ALWAYS keep the bystanders safely away while the machine is in operation.

# CX08HC SPECIFIC SAFETY INSTRUCTIONS

- ALWAYS lock the mobile base before operating the machine.
- **S** IF YOU ARE NOT FAMILIAR with the operations of a jointer, you should obtain the advice and/or instructions from a qualified professional.
- ALWAYS use push blocks when jointing stock that does not provide a reasonable distance of safety for your hands.
- NEVER make cuts deeper that 1/8" in a single pass to prevent overloading the machine and to prevent dangerous kickback.
- MAKE SURE before servicing or making any adjustments, the power switch is in the "OFF" position and the cord is un-plugged from the power source to avoid any injury from accidental starting.
- MAINTAIN the proper relationship of infeed and out-feed table surfaces and the cutter-head knife path.
- ALL OPERATIONS MUST be performed with the guards in place to ensure safety.

- ALWAYS inspect your stock before feeding over the cutter head.
- NEVER back your work-piece into the spinning cutter head.
- NEVER allow your hands to pass directly over the cutter head.
- ALWAYS operate the jointer with a proper dust collection system.
- ALWAYS make sure that the exposed cutter head behind the fence is guarded particularly when jointing near the leading edge such as in rabbetting.
- NEVER LEAVE the jointer unattended while it is running. Unplug the cord from the power outlet when not in use.
- MAINTAIN AND SERVICE your jointer regularly as instructed in the user manual.
- MAKE SURE you have read and understood all the safety instructions in this user manual and you are familiar with jointer before operating the CX08HC. 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.





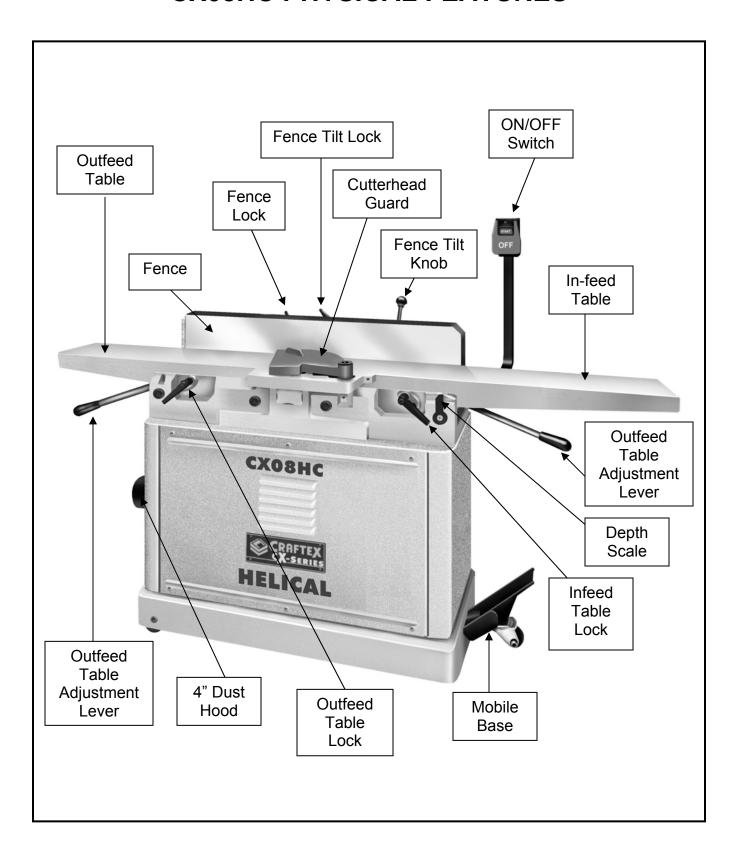
# CX08HC – JOINTER FEATURES

### **MODEL CX08HC - 8" JOINTER WITH HELICAL CUTTERHEAD**

As part of the growing line of Craftex woodworking equipment, we are proud to offer the CX08HC, an 8" Jointer with Helical Cutterhead. By following the instructions and procedures laid out in this user manual, you will receive years of excellent service and satisfaction. The CX08HC is a professional tool and like all power tools, proper care and safety procedures should be adhered to.

- Motor: 3 HP, 220 Volts, Single Phase, 15 Amps
- 'V' Belt Drive
- Max. Depth of Cut 1/8"
- Max. Width of Cut 8"
- Cutter-Head Type: Helical
- Cutter Head Speed: 5,350 RPM
- Number of Carbide Inserts: 40
- Cuts per Minute 21,400
- Table Size: 8" Width, 76-3/8" Length and Height (from floor) 32-5/8"
- Fence Size: 1 1/4" Width, 36" Length, 5" Height, 45°, 90° and 135° Stops
- Die Cast Metal Cutter-Head Guard
- All Ball Bearing and Cast-Iron Construction
- Shielded and Lubricated Ball Bearings
- Precision Ground Cast Iron In-feed and Out-feed
- Parallelogram Beds
- Mobile Base with Locking Foot Pedal
- 4" Dust Hood is included
- First Carton Size: 81 1/2" L x 25 1/2" W x 12 1/2" H
- Second Carton Size: 38" L x 18" W x 27 1/2" H
- Net Weight: 510 lbs
- ♦ Warranty 3 YEARS

# **CX08HC PHYSICAL FEATURES**



## **SETUP**

Before starting setting up the machine you need to read and understand this user manual completely. For the protection of your eyes you should wear safety glasses.

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

# **WARNING!**

CX08HC is a heavy machine. Do not over-exert yourself. Use fork truck or other devices for safe moving.

# **IMPORTANT!**

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

### UNPACKING

The machine is properly packaged in a carton for safe transportation. When unpacking, carefully inspect the crate and ensure that nothing has been damaged during transit. Open the crate and check that the machine is in good condition. The machine is heavy and you should use a fork truck or get assistance to move the machine for safe moving method. You should also clean the cutter-head, in-feed and out-feed tables, and the fence before assembly and operation.

The hardware (screws, washers & etc) might be shipped in a plastic bag. After the machine has been un-packed, check that all loose parts and hardware are present.

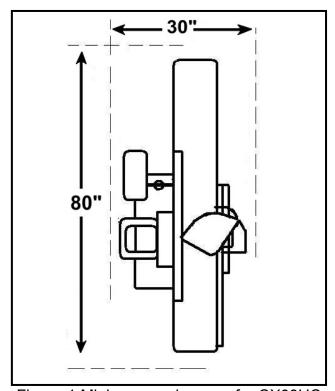


Figure-1 Minimum work space for CX08HC

# PROPER GROUNDING

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

CX08HC 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 Jointer 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.

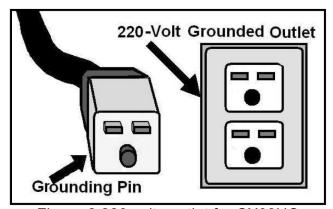


Figure-2 220 volts outlet for CX08HC

It is strongly recommended not to use extension cords with your CX08HC. 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 equipmentgrounding 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.



# **MOBILE BASE**

To install the mobile base of your jointer you need to lay the stand on its side so that you can have access to the underneath of the stand. Now take the wheel and install the wheel to the stand with the help of washers and bolts provided. See Figure-3

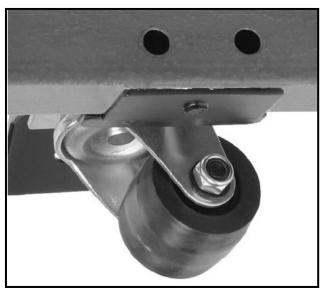


Figure-3 Installing the Mobile Base

The mobile base of your machine should now be installed and ready to use. You can now turn the stand back on the ground. Once the stand is sitting back on solid ground, you can lock the mobile base in the place by lifting the foot pedal up. When you are ready to move your machine again, it is recommended that you use the in-feed table as leverage when operating the foot pedal so that you do not hurt your back (the machine is heavy, so a strong rigid mobile base has been provided).

# **IMPORTANT!**

Always keep the mobile base of your machine locked while doing any cutting operation.

## **JOINTER BED**

Once the stand assembly of your jointer is on the ground, now it is time to install the jointer bed to the stand.

Take the jointer bed out of the packaging and get the help of assistance to lift it onto the stand. Once the jointer is on the stand, align the mounting holes on the jointer to the stand and take the washers and cap screws to secure the jointer to the stand as shown in figure-4.

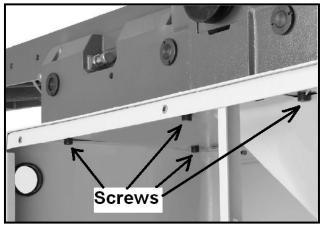


Figure-4 Installing the jointer to the stand

## **EXTENSION TABLE**

Take the extension table and locate the holes for the cap screws on the in-feed table. Attach the extension table to the infeed table finger tightening the cap screws. See Figure-5

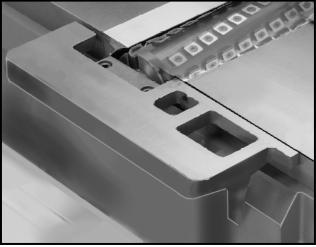


Figure-5 Finger tighten the cap screws

Now, you need a straight edge to adjust the extension table surface to the in-feed table. Place the straight edge on the table and adjust the level of the table. Once the table is completely leveled, tighten all the cap screws shown in figure-4.

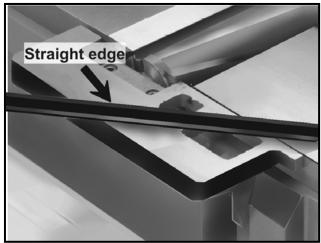


Figure-6 Leveling the table

# **FENCE**

To install the fence first you have to install the fence carriage to the table stand using washers and cap screws (finger-tighten). See Figure 7.

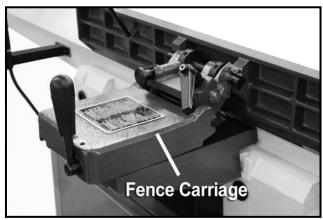


Figure-7 Installing the fence carriage

Now, take the fence out of the packaging and attach to the carriage. Use the two washers and cap screws provided, and tighten the fence to the carriage. See Figure-8.

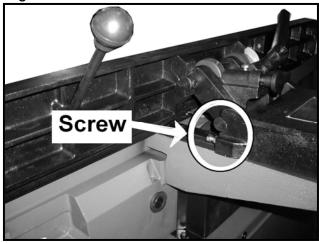


Figure-8 Attaching the fence to the carriage

# TILT KNOB AND FENCE LOCK HANDLE

The tilt lever is used to tilt the fence up and down to your desired angle.

The fence lock handle allows you to lock the fence in that angle so that the fence does not move while cutting operation.

Once you have installed the fence to the carriage, take the fence lock handle and install it to the fence carriage and attach the tilt lever to the threaded hole on the fence. See figure-9.

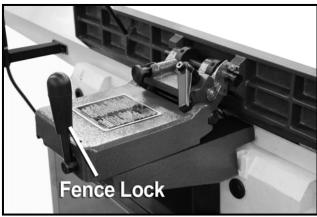


Figure-9 Installing fence lock handle & tilt knob

# **WARNING!**

The cutter-head guard is a very important safety feature of this machine and must be installed properly to avoid possible injuries.

# **CUTTER-HEAD GUARD**

To install the cutter-head guard move the fence backward so that you have enough space. Now insert the cutter-head guard shaft and use the set screws to tight it. See figure-10.

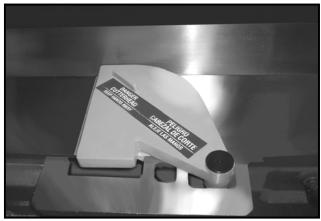


Figure-10 Installing cutter-head guard

The guard is provided with spring so that when it gets pulled backward, it spring back forward over the cutter-head.

After you are done installing the guard, test the guard by pulling it backward. If the guard does not spring back over the cutterhead, it means that the guard is not installed properly. Re-install it, following the instructions above.

# **DUST HOOD**

Attach the dust hood to the side on the stand assembly by using the hex bolts, flat washers and hex nuts provided. See figure-11.



Figure-11 Installing the dust hood

# **WARNING!**

This machine produces large amount of dust. To avoid respiratory illness do not run it without the dust collection system.

# PEDESTAL SWITCH

To install the pedestal switch, take the switch and attach it to the stand using the screw lock washers, flat washers and cap screws. There is a wire that comes from the motor to the switch. You can pass the excess motor wire to the stand through the hole located in the stand. See figure-12.



Figure-12 Installing the pedestal switch

# **V-BELT**

Your machine is provided with a V-belt that goes around the motor pulley and the cutter-head pulley.

To install the V-belt loosen the motor bracket fasteners and slide the motor a little upward. Now, put the V-belt around the motor pulley taking it around the cutter-head pulley. Then slide back the motor downward and tighten the motor bracket fasteners. See figure-13.



Figure-13 Installing the V-belt

# **BASIC CONTROLS**

The basic controls of the jointer are shown in the figure below. Use this figure and read the text to know what the basic controls of your machine are.

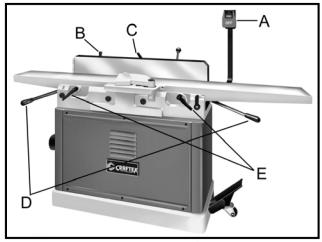


Figure-14 Basic Controls

- **A. On/Off Switch**: Starts and stops the jointer.
- **B. Fence Lock**: Locks the fence so that it does not move forward or backward during any operation.
- **C. Fence Tilt Lock**: Locks the fence in your desired angle so that it does not move during the operation.
- **D. Table Adjustment Levers**: Move the table forward and backward.
- **E. Table Lock**: Locks the table to the position you want.

### **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.

During the test run if there is any unusual noise coming from the machine or the machine vibrates, immediately shut off the machine. The problem might be because of the following:

- 1- Belt slapping cover
- 2- V-belt worn or loose
- 3- Pulley loose
- 4- Motor mounts loose or broken

After you investigate and if you find that the problem with your machine is one of the above,

- **1-** Replace or realign the belt with a matched one.
- **2-** Replace the belts with a new matched one.
- **3-** Realign or replace shaft, pulley, sets crew and key.
- **4-** Tighten or replace the motor mount.

# **WARNING!**

Before starting the jointer please make sure that you have read and understood the manual and you are familiar with the functions and safety features on this machine. Failure to do this may cause serious personal injury.

## WORK-PIECE INSPECTION

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

If the wood contains any of these objects and it come in contact with the blade, either the object might fly and hit the operator or seriously damage the blade. For a safe cutting method always inspect your work-piece carefully before cut.

Some of the woods with excessive twisting, wrapping or large knots are un-stable while jointing. While jointing operation the workpiece can move un-expectedly, this will either damage the blade or hurt the operator.

# CONNECTING TO A DUST COLLECTOR

CX08HC features a 4" diameter dust ports 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.

# **WARNING!**

The fine particles of saw dust produced by the machines in your work shop can go into your lungs and cause serious health problems. Make sure your machines are connected to a proper dust collection system while operation.

## SURFACE PLANING

When surface planing on a jointer, set the cutting depth to 1/32" and make sure the fence is set to 90°. Place the concave face of the stock flat on the in-feed table and run the jointer. Push the stock over the cutter head with the help of push blocks as shown in figure-15.

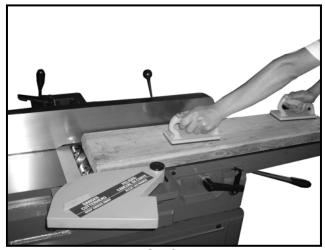


Figure-15 Surface planing

Never plane stock against the grain direction of the wood. It can cause a kick back or there is a possibility of tear-out on the wood.

# **WARNING!**

To save your hands, always use push blocks when surface planing on the jointer. Failure to do so, your hands can come in contact with the cutter head and serious injury can occur.

## **BEVEL CUTTING**

Bevel cutting is the cutting operation to cut a desired angle on the edge of the work piece.

To perform bevel cutting operation on a jointer it is recommended to set the cutting depth between 1/16" and 1/8".

The fence of the jointer can be set to different angles and it has a stop that can hold the fence in that position so that it doest not move while operation.



Figure-16 Fence tilt lock

Now, set the fence to your desired angle and start the jointer. Use push blocks to push the stock over the cutter-head. If the stock is cupped, make sure to put the concave face of the stock flat on the in-feed table. See figure 17.

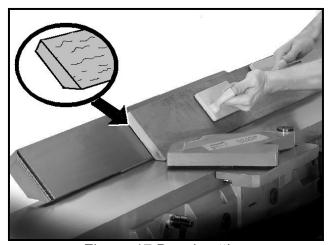


Figure-17 Bevel cutting

# **EDGE JOINTING**

Edge jointing is to make the edge of the stock flat and suitable for joinery or finishing. To edge joint on the jointer set the cutting depth to 1/16" & 1/8" and make sure the fence is set to 90 degrees. Place the concave face of the stock flat on the in-feed table and run the jointer. Use push blocks to push the stock over the cutter head. Repeat the same procedure until the edge of the stock is flat.

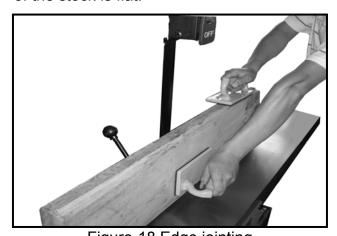


Figure-18 Edge jointing

# INSPECTING THE CUTTER-HEADS KNIVES

The cutter-heads are supposed to be at the same height with each other and with the out-feed table. If one of the carbide inserts is higher than the others, you will get a poor result while doing any cutting operation.

To inspect the cutter-heads disconnect the jointer from the power source and remove the cutter-head guard so that you can have access to the cutter-head.

Now, take a straight edge and put it on the out-feed table so that it hangs over the cutter-head. Rotate the cutter head body and check the height of each carbide insert with the out-feed table. The inserts should just touch the bottom of the straight edge. If the inserts are set too high or too low then they should be adjusted.

# ADJUSTING/ REPLACING CUTTER-HEAD KNIVES

The carbide inserts get dull after sometimes and need to be adjusted or replaced occasionally.

To adjust or replace the carbide inserts, disconnect the machine from the power source and remove the cutter head guard to expose the cutter head with the carbide inserts.

Now, take a hex key and loosen the screws on the carbide inserts that hold each carbide insert to the cutter head body. See figure-19.



Figure-19 Removing the carbide inserts

Clean all the dust and debris on the cutterhead body and on the insert and replace it with a new one.

# **WARNING!**

Remember if the dust and debris on the cutter-head body is not cleaned, it will make the insert out of height alignment and may result in poor cutting performance.

The carbide insert has a square shape and thus it has four cutting edges. When one edge of the carbide insert gets dull, simply rotate it 90 degrees and you will get a new and fresh cutting edge. When all four edges of the carbide insert are used replace it with a new one.

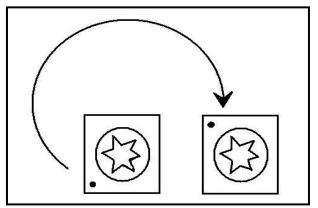


Figure-20 Rotating carbide insert 90°

# TABLE PARALLELISM

For the best cutting results, the in-feed and out-feed tables of the jointer must be paralleled to the cutter-head and to each other.

The tables of your jointer are adjusted in the factory. Since table parallelism adjustment is a complex task so it is recommended to make sure if your table really needs to be adjusted before you start adjusting.

To check the table parallelism, disconnect the power to the jointer and remove the cutter head guard. Now, loosen the outfeed table lock, jam nuts and positive stop bolts (at the back of the jointer). Remove screws in the 4 eccentric bushings located under the out-feed table and loosen the setscrews. Take a straight edge and place it on the out feed table so that it hangs over the cutter head. Turn the eccentric bushings and lower the out-feed table until the straight edge sits flat on the out-feed table and just touches the cutter head. Tighten the loosen screws. See figure 21.

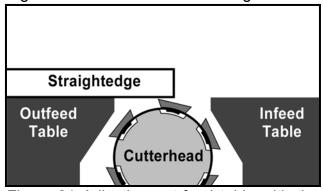


Figure-21 Adjusting out-feed table with the cutter-head

Now, place the straightedge halfway across the in-feed table and halfway over the outfeed table to adjust the in-feed table with the out-feed table.

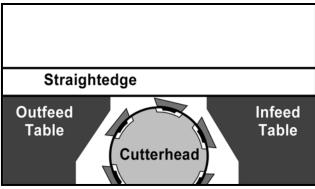


Figure-22 In-feed & out-feed table parallelism

Remove the screws in the 4 eccentric bushings under the in-feed table and loosen the screws underneath those set screws. Now make in-feed table parallel to the out-feed table by turning the eccentric bushings under the in-feed table. Once both tables are parallel, tighten the set screws.

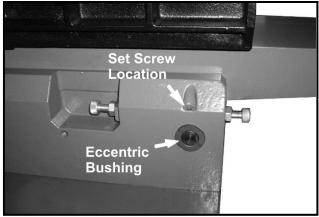


Figure-23 Eccentric bushings and setscrews location

# SETTING THE OUTFEED TABLE

The height of the out-feed table must be equal to the height of the cutter-head knives.

To adjust the out-feed table height, first of all disconnect the jointer from the power source. Remove the cutter-head guard and fence and loosen the out-feed table lock, the jam nuts and positive stop bolts located at the front and at the back of the machine.

Now place a straightedge on the out-feed table so that it hangs over the cutter-head. Lower the out-feed table until the straightedge just touches the cutter-head body. See Figure-24.

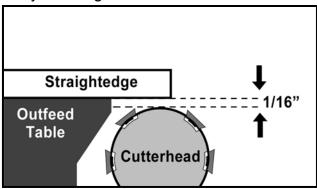


Figure-24 Out-feed table height with the cutter-head body

Now, tighten the out-feed table lock and the positive stop bolts and the jam nuts located at the back and front of the machine. Set the knife height to the new out-feed table height.

# SETTING THE INFEED TABLE HEIGHT

The positive stop bolts located at the back of the machine allows you to adjust the height of the in-feed table.

The recommended setting for the minimum depth of cut is 1/32" and the maximum depth of cut is 1/8" for most of the operations.

# **WARNING!**

Do not exceed 1/8" cut per pass on the machine or kick-back and serious injury may occur.

There are two positive stop bolts and each bolt controls the top and bottom range of table movement. The jam nut is to lock the bolts in place so that they do not move during the operation. See Figure-25.

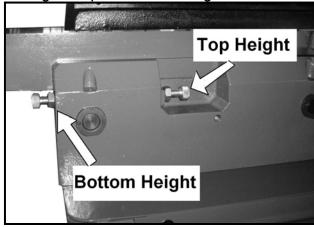
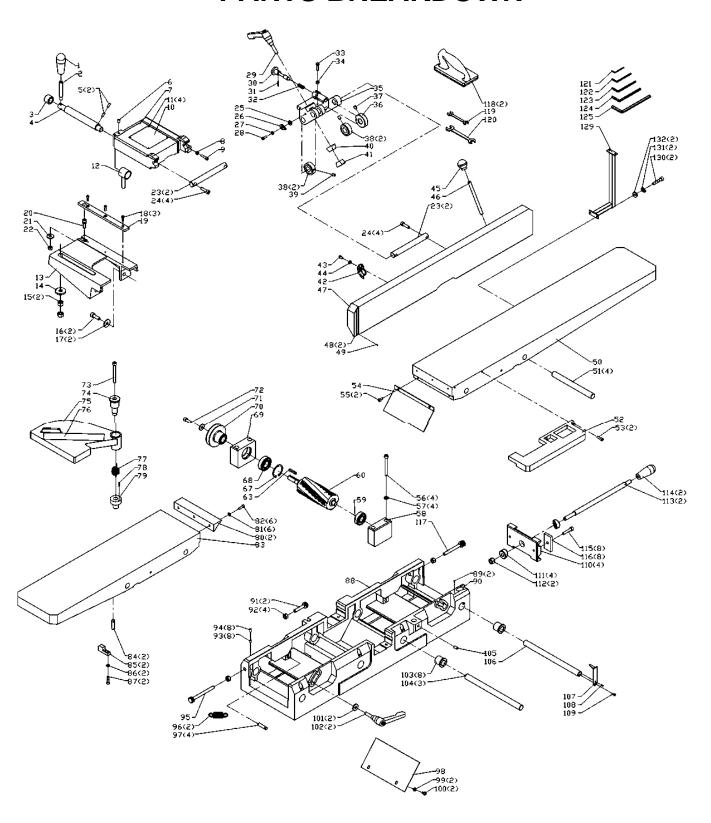


Figure-25 In-feed table positive stop bolts

# CX08HC TABLE PARTS BREAKDOWN



# CX08HC JOINTER TABLE PARTS LIST

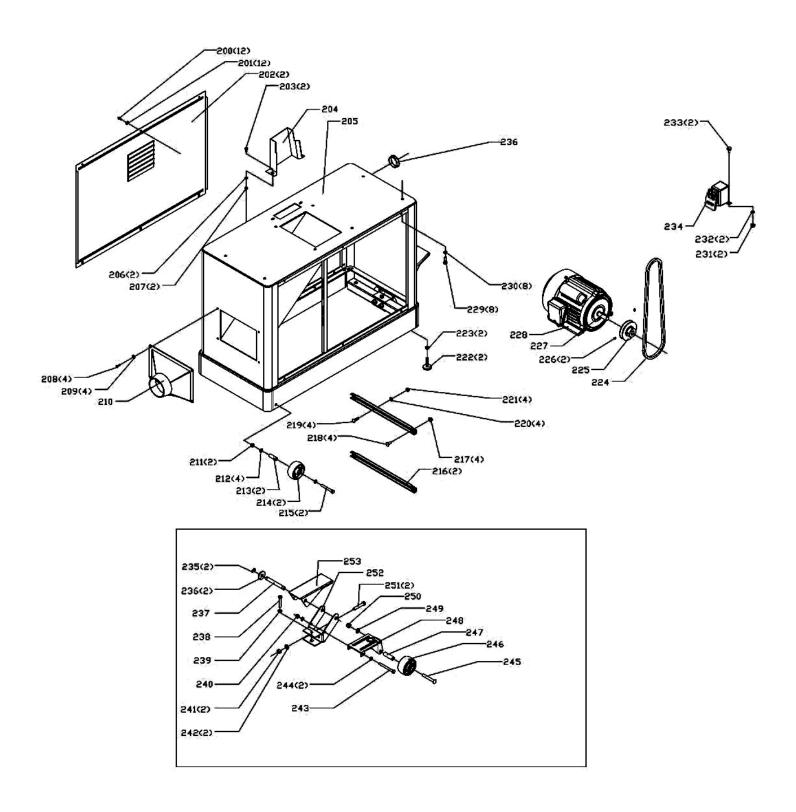
REF#	PART#	DESCRIPTION
1	DJ-001	KNOB
2	DJ-002	STUD
3	DJ-003	BUSHING
4	DJ-004	ECCENTRIC SHAFT
5	GB80	M6X16MM HEX SOC SET SCR.
6	GB80	M8X12MM HEX SOC SET SCR.
7	DJ-005	FENCE CARRIAGE
8	GB6170	M6 HEX NUT
9	GB5782	M6X25 HEX BOLT
10		FENCE CARRIAGE WARNING LABEL
11	GB827	RIVET
12	DJ-008	COLLAR
13	DJ-012	SUPPORT
14	DJ-014	WASHER 12.7X38X5
15	GB6170	M12 HEX NUT
16	GB70	M10X30MM SOC HD SCR
17	DJ-013	WASHER 10.4X30X3
18	GB70	M5X16MM SOC HD SCR
19	DJ-009	GIB
20	DJ-010	ECCENTRIC STUD
21	DJ-011	WASHER 8.4X25X3
22	GB6170	M8 HEX NUT
23	DJ-007	SHAFT
24	GB70	M8X30 SOC HD SCR
25	DJ-016	WASHER 6.5X16X3
26	DJ-015	POINTER
27	GB97	Φ6MM FLAT WASHER
28	GB65	M6X16MM CHEESE HD SCR
29	DJ-018	LOCK LEVER

REF#	PART#	DESCRIPTION
30	DJ-019	INDES PIN ASSEMBLY
31	GB879	3X20MM ROLL PIN
32	DJ-020	SPRING
33	GB5782	M6X25 HEX BOLT
34	GB6170	M6 HEX NUT
35	DJ-017	SWIVEL
36	DJ-021	COLLAR
37	GB80	M8X12MM HEX SOC SET SCR.
38	DJ-022	LOCK
39	GB80	M8X12MM HEX SOC SET SCR.
40	DJ-023	CLAMP
41	DJ-024	THREAD CLAMP
42	DJ-025	TILT SCALE
43	GB65	M6X10MM CHEESE HD SCR
44	GB97	Φ6MM FLAT WASHER
45	DJ-026	BALL HANDLE
46	DJ-027	STUD
47	DJ-028	FENCE
48	DJ-029	SCALE
49	GB827	RIVET
50	DJ-030B	TABLE RH
51	DJ-044B	TABLE SHAFT
52	DJ-032B	RABBETING TABLE EXTENSION
53	GB70	M6X20MM SOC HD SCR
54	DJ-033B	CHIP DEFLECTOR
55	GB70	M6X12MM SOC HD SCR
56	GB70	M8X80MM SOC HD SCR
57	GB93	M8 LOCK WASHER
58	DJ-034B	BEARING BLOCK LH

59		60104 BEARING
60		HELICAL CUTTERHEAD
63	DJ-041	6X35 KEY
67	GB893	47MM INT. RET. RING
68		60105 BEARING
69	DJ-035B	BEARING BLOCK RH
70	DJ-042B	CUTTER HEAD PULLEY
71	DJ-011	FLAT WASHER 8.4X25X3
72	GB70	M8X25MM SOC HD SCR
73	GB70	M8X80MM SOC HD SCR
74	DJ-066B	GUARD CLAMP
75	DJ-064B	CUTTER HEAD GUARD
76		GUARD WARNING LABEL
77	DJ-067B	SPRING
78	GB879	M3X16 ROLL PIN
79	DJ-068B	SUPPORT
80	DJ-031B	TABLE LIP
81	GB97	6MM FLAT WASHER
82	GB70	M6X20MM SOC HD SCR
83	DJ-043B	TABLE LH
84	DJ-062	SPRING PIN
85	DJ-045B	BUMPER
86	GB93	M6 LOCK WASHER
87	GB70	M6X25MM SOC HD SCR
88	DJ-051B	BASE
89	GB827	RIVET
90	DJ-052B	SCALE
91	DJ-050	SHORT ADJUSTING SCR
92	GB6170	M10 HEX NUT
93	GB80	M6X10MM HEX SOC SET SCR
94	GB79	M6X10MM HEX HD SET SCR
95	DJ-054	LONG ADJUSTING SCR
96	DJ-060B	SPRING
97	DJ-062	SPING PIN
98	DJ-055B	CHIP BREAKER

99     GB97     M6 FLAT WASHER       100     GB5782     M6X12MM HEX HD SCR       101     DJ-011     FLAT WASHER       102     DJ-063B     TABLE LOCK LEVER       103     DJ-056B     ECCENTRIC BUSHING       104     DJ-057B     TABLE SHAFT       105     GB80     SET SCR.       106     DJ-058B     TABLE SHAFT       107     DJ-059B     POINTER       108     GB879     3X10MM ROLL PIN       109     GB819     4X10MM FLAT HD SCR       110     DJ-047B     PIVOT BRACKET       111     DJ-046     ADJUSTING BLOCK       112     GB6170     M12 HEX NUT       113     DJ-049B     LEVER       114     DJ-049     LEVER       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       120     WRENCH       121     2.5MM HEX KEY       122 <td< th=""><th></th><th></th><th></th></td<>			
101     DJ-011     FLAT WASHER       102     DJ-063B     TABLE LOCK LEVER       103     DJ-056B     ECCENTRIC BUSHING       104     DJ-057B     TABLE SHAFT       105     GB80     SET SCR.       106     DJ-058B     TABLE SHAFT       107     DJ-059B     POINTER       108     GB879     3X10MM ROLL PIN       109     GB819     4X10MM FLAT HD SCR       110     DJ-047B     PIVOT BRACKET       111     DJ-046     ADJUSTING BLOCK       112     GB6170     M12 HEX NUT       113     DJ-049B     LEVER       114     DJ-049     LEVER       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY <td< td=""><td>99</td><td>GB97</td><td>M6 FLAT WASHER</td></td<>	99	GB97	M6 FLAT WASHER
102     DJ-063B     TABLE LOCK LEVER       103     DJ-056B     ECCENTRIC BUSHING       104     DJ-057B     TABLE SHAFT       M8X16MM HEX SOC HD     SET SCR.       106     DJ-058B     TABLE SHAFT       107     DJ-059B     POINTER       108     GB879     3X10MM ROLL PIN       109     GB819     4X10MM FLAT HD SCR       110     DJ-047B     PIVOT BRACKET       111     DJ-046     ADJUSTING BLOCK       112     GB6170     M12 HEX NUT       113     DJ-049B     LEVER       114     DJ-001     KNOB       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KE	100	GB5782	M6X12MM HEX HD SCR
103     DJ-056B     ECCENTRIC BUSHING       104     DJ-057B     TABLE SHAFT       105     GB80     SET SCR.       106     DJ-058B     TABLE SHAFT       107     DJ-059B     POINTER       108     GB879     3X10MM ROLL PIN       109     GB819     4X10MM FLAT HD SCR       110     DJ-047B     PIVOT BRACKET       111     DJ-046     ADJUSTING BLOCK       112     GB6170     M12 HEX NUT       113     DJ-049B     LEVER       114     DJ-049B     LEVER       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET	101	DJ-011	FLAT WASHER
104     DJ-057B     TABLE SHAFT       105     GB80     SET SCR.       106     DJ-058B     TABLE SHAFT       107     DJ-059B     POINTER       108     GB879     3X10MM ROLL PIN       109     GB819     4X10MM FLAT HD SCR       110     DJ-047B     PIVOT BRACKET       111     DJ-046     ADJUSTING BLOCK       112     GB6170     M12 HEX NUT       113     DJ-049B     LEVER       114     DJ-001     KNOB       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70     M8X25MM SOC HD SCR  <	102	DJ-063B	TABLE LOCK LEVER
105     GB80     M8X16MM HEX SOC HD SET SCR.       106     DJ-058B     TABLE SHAFT       107     DJ-059B     POINTER       108     GB879     3X10MM ROLL PIN       109     GB819     4X10MM FLAT HD SCR       110     DJ-047B     PIVOT BRACKET       111     DJ-046     ADJUSTING BLOCK       112     GB6170     M12 HEX NUT       113     DJ-049B     LEVER       114     DJ-049B     LEVER       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70     M8X25MM SOC HD SCR       131     GB93     8MM LOCK WASHE	103	DJ-056B	ECCENTRIC BUSHING
105     GB80     SET SCR.       106     DJ-058B     TABLE SHAFT       107     DJ-059B     POINTER       108     GB879     3X10MM ROLL PIN       109     GB819     4X10MM FLAT HD SCR       110     DJ-047B     PIVOT BRACKET       111     DJ-046     ADJUSTING BLOCK       112     GB6170     M12 HEX NUT       113     DJ-049B     LEVER       114     DJ-049B     LEVER       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       119     WRENCH       120     WRENCH       121     2.5MM OPEN END       WRENCH     12.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70     M8X25MM SOC HD SCR       131	104	DJ-057B	
107     DJ-059B     POINTER       108     GB879     3X10MM ROLL PIN       109     GB819     4X10MM FLAT HD SCR       110     DJ-047B     PIVOT BRACKET       111     DJ-046     ADJUSTING BLOCK       112     GB6170     M12 HEX NUT       113     DJ-049B     LEVER       114     DJ-049B     LEVER       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70     M8X25MM SOC HD SCR       131     GB93     8MM LOCK WASHER	105	GB80	
108     GB879     3X10MM ROLL PIN       109     GB819     4X10MM FLAT HD SCR       110     DJ-047B     PIVOT BRACKET       111     DJ-046     ADJUSTING BLOCK       112     GB6170     M12 HEX NUT       113     DJ-049B     LEVER       114     DJ-049B     LEVER       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70     M8X25MM SOC HD SCR       131     GB93     8MM LOCK WASHER	106	DJ-058B	TABLE SHAFT
109     GB819     4X10MM FLAT HD SCR       110     DJ-047B     PIVOT BRACKET       111     DJ-046     ADJUSTING BLOCK       112     GB6170     M12 HEX NUT       113     DJ-049B     LEVER       114     DJ-049B     LEVER       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70     M8X25MM SOC HD SCR       131     GB93     8MM LOCK WASHER	107	DJ-059B	POINTER
110     DJ-047B     PIVOT BRACKET       111     DJ-046     ADJUSTING BLOCK       112     GB6170     M12 HEX NUT       113     DJ-049B     LEVER       114     DJ-049B     LEVER       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70     M8X25MM SOC HD SCR       131     GB93     8MM LOCK WASHER	108	GB879	3X10MM ROLL PIN
111     DJ-046     ADJUSTING BLOCK       112     GB6170     M12 HEX NUT       113     DJ-049B     LEVER       114     DJ-001     KNOB       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70     M8X25MM SOC HD SCR       131     GB93     8MM LOCK WASHER	109	GB819	4X10MM FLAT HD SCR
112     GB6170     M12 HEX NUT       113     DJ-049B     LEVER       114     DJ-001     KNOB       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70     M8X25MM SOC HD SCR       131     GB93     8MM LOCK WASHER	110	DJ-047B	PIVOT BRACKET
113     DJ-049B     LEVER       114     DJ-001     KNOB       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70     M8X25MM SOC HD SCR       131     GB93     8MM LOCK WASHER	111	DJ-046	ADJUSTING BLOCK
114     DJ-001     KNOB       115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70     M8X25MM SOC HD SCR       131     GB93     8MM LOCK WASHER	112	GB6170	M12 HEX NUT
115     GB70     M8X40MM SOC HD SCR       116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70       M8X25MM SOC HD SCR       131     GB93	113	DJ-049B	LEVER
116     DJ-048     CLAMP PLATE       117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END     WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70       M8X25MM SOC HD SCR       131     GB93	114	DJ-001	KNOB
117     DJ-061     MEDIUM ADJUSTING SCR       118     PUSH BLOCK       8-10MM OPEN END       WRENCH       120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70       M8X25MM SOC HD SCR       131     GB93	115	GB70	M8X40MM SOC HD SCR
118     PUSH BLOCK       8-10MM OPEN END       WRENCH       120       WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70       M8X25MM SOC HD SCR       131     GB93	116	DJ-048	CLAMP PLATE
8-10MM OPEN END   WRENCH   12-14MM OPEN END   WRENCH   120	117	DJ-061	MEDIUM ADJUSTING SCR
119   WRENCH     12-14MM OPEN END     WRENCH     121   2.5MM HEX KEY     122   4MM HEX KEY     123   5MM HEX KEY     124   6MM HEX KEY     125   8MM HEX KEY     129   SWITCH BRACKET     130   GB70     M8X25MM SOC HD SCR     131   GB93	118		
120     WRENCH       121     2.5MM HEX KEY       122     4MM HEX KEY       123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70       M8X25MM SOC HD SCR       131     GB93       8MM LOCK WASHER	119		WRENCH
122   4MM HEX KEY     123   5MM HEX KEY     124   6MM HEX KEY     125   8MM HEX KEY     129   SWITCH BRACKET     130   GB70   M8X25MM SOC HD SCR     131   GB93   8MM LOCK WASHER	120		
123     5MM HEX KEY       124     6MM HEX KEY       125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70       M8X25MM SOC HD SCR       131     GB93       8MM LOCK WASHER	121		2.5MM HEX KEY
124   6MM HEX KEY     125   8MM HEX KEY     129   SWITCH BRACKET     130   GB70   M8X25MM SOC HD SCR     131   GB93   8MM LOCK WASHER	122		4MM HEX KEY
125     8MM HEX KEY       129     SWITCH BRACKET       130     GB70     M8X25MM SOC HD SCR       131     GB93     8MM LOCK WASHER	123		5MM HEX KEY
129     SWITCH BRACKET       130     GB70     M8X25MM SOC HD SCR       131     GB93     8MM LOCK WASHER	124		6MM HEX KEY
130     GB70     M8X25MM SOC HD SCR       131     GB93     8MM LOCK WASHER	125		8MM HEX KEY
131 GB93 8MM LOCK WASHER	129		SWITCH BRACKET
	130	GB70	M8X25MM SOC HD SCR
132 GB97 8MM FLAT WASHER	131	GB93	8MM LOCK WASHER
	132	GB97	8MM FLAT WASHER

# CX08HC CABINET PARTS BREAKDOWN



# CX08HC JOINTER CABINET PARTS LIST

### **REF# PART# DESCRIPTION**

200	GB818	M5X16MM PAN HD SCR
201	GB96	5MM FLAT WASHER
202		PANEL
203		M6X12MM FLANGE SCR
204		BELT GUARD
205		WELDING CABINET
206	GB97	6MM FLAT WASHER
207	GB6170	M6 HEX NUT
208	GB818	M5X16MM PAN HD SCR
209	GB96	5MM FLAT WASHER
210		DUST CHUTE
211	GB6184	M8 HEX NUT
212	GB97	8MM FLAT WASHER
213		SLEEVE
214		WHEEL
215	GB5783	M8X65MM HEX BOLT
216		MOTOR BRACKET
217		MOTOR BRACKET NUT
218		MOTOR BRACKET SCR
219		MOTOR CARRIAGE SCR
220		FLAT WASHER
220		
221		MOTOR CARRIAGE NUT
222		ADJUSTING SCR
223		3/8-16 HEX NUT
224		V-BELT
225		MOTOR PULLEY
226	GB78	M6X6MM HEX SOC SET SCR

REF#	PART#	DESCRIPTION

227	GB1096	5X30 KEY
228		1-1/2HP MOTOR
229	GB70	M8X25MM SOC HD SCR
230	GB93	8MM LOCK WASHER
231	GB6170	M6 HEX NUT
232	GB97	6MM FLAT WASHER
233		M6X12MM PAN HD SCR
234		MAGNETIC SWITCH
235	GB896	9MM EXT RET RING
236	GB96	12MM FLAT WASHER
237		SHAFT
238	GB5780	M8X50 HEX BOLT
239	GB97	8MM FLAT WASHER
240	GB6184	M8 HEX NUT
241	GB6170	M10 HEX NUT
242	GB97	10MM FLAT WASHER
243	GB5780	M8X100 HEX BOLT
244	GB97	8MM FLAT WASHER
245		SPECIAL BOLT
246		TROLLEY WHEEL
247		SLEEVE
248		TROLLEY BRACKET
249	GB97	10MM FLAT WASHER
250	GB6184	M10 HEX NUT
251	GB5780	M10X55 HEX BOLT
252		PEDAL BRACKET
253		PEDAL



# 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 <u>Three Years</u> 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 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.

