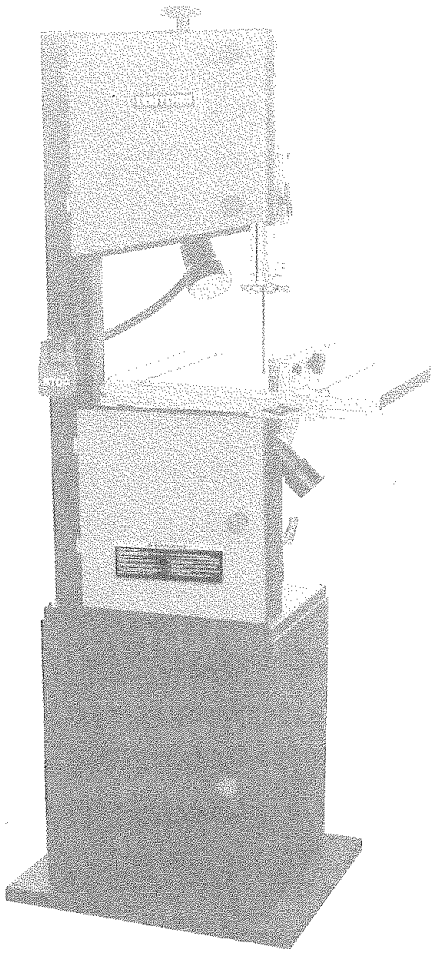
Owner's Manual

CRAFTSMAN®
PROFESSIONAL

14-in. BANDSAW

1 HP MOTOR
Model 119.224010



CAUTION: Before using this product, read this manual and follow all its Safety Rules and Operating Instructions.

- Table of Contents
- Full One Year Warranty
- Safety Instructions
- Assembly
- Getting to Know Your Bandsaw
- Adjustment
- Operation
- Maintenance
- Electrical Schematic
- Troubleshooting
- Parts List

Sears, Roebuck and Co., Hoffman Estates, IL 60179, U.S.A.
www.craftsman.com

OM-22401-M1

TABLE OF CONTENTS

Table of contents....2
Full one year warranty....2
Safety instructions....2
Assembly....4
Getting to know your bandsaw....7
Adjustment....7
Operation....11
Maintenance....11
Electrical schematic....11
Troubleshooting....12
Parts list....13

FULL ONE YEAR WARRANTY

If this Craftsman tool fails due to a defect in material or workmanship within one year from the date of purchase, CALL 1-800-4-MY-HOME® TO ARRANGE FOR FREE REPAIR.
This warranty applies only while this tool is in the United States.
This warranty gives you specific legal rights, and you may also have other rights, which vary, from state to state.

Sears, Roebuck and Co., Dept. 817WA, Hoffman Estates, IL 60179

SAFETY INSTRUCTIONS

GENERAL SAFETY WARNINGS

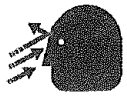
KNOW YOUR POWER TOOL. Read the owner's manual carefully. Learn the tool's applications, work capabilities, and its specific potential hazards.

⚠ DANGER

Always Ground All Tools.
If your tool is equipped with a three-pronged plug, you must plug it into a three-hole electric receptacle. If you use an adapter to accommodate a two-pronged receptacle, you must attach the adapter plug to a known ground. Never remove the third prong of the plug.

Always Avoid Dangerous Environments.
Never use power tools in damp or wet locations. Keep your work area well lighted and clear of clutter.

⚠ DANGER



Always Remove the Adjusting Keys and Wrenches from Tools after Use.
Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.

Always Keep Your Work Area Clean. Cluttered areas and benches invite accidents.

⚠ DANGER

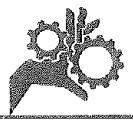
Always Keep Visitors Away from Running Machines.
All visitors should be kept a safe distance from the work area.

Always make the Workshop Childproof.
Childproof with padlocks, master switches, or by removing starter keys.

⚠ DANGER

Never operate a tool while under the influence of drugs, medication, or alcohol.

⚠ DANGER



Always Wear Proper Apparel.
Never wear loose clothing or jewelry that might get caught in moving parts. Rubber-soled footwear is recommended for the best footing.

⚠ DANGER

Always Use Safety Glasses and Wear Hearing Protection.
Also use a face or dust mask if the cutting operation is dusty.

⚠ DANGER

Never Overreach.
Keep your proper footing and balance at all times.

⚠ DANGER

Never Stand on Tools.
Serious injury could occur if the tool is tipped or if the cutting tool is accidentally contacted.

⚠ DANGER

Always Disconnect Tools.
Disconnect tools before servicing and when changing accessories such as blades, bits, and cutters.

Always Avoid Accidental Staring.
Make sure switch is in "OFF" position before plugging in cord.

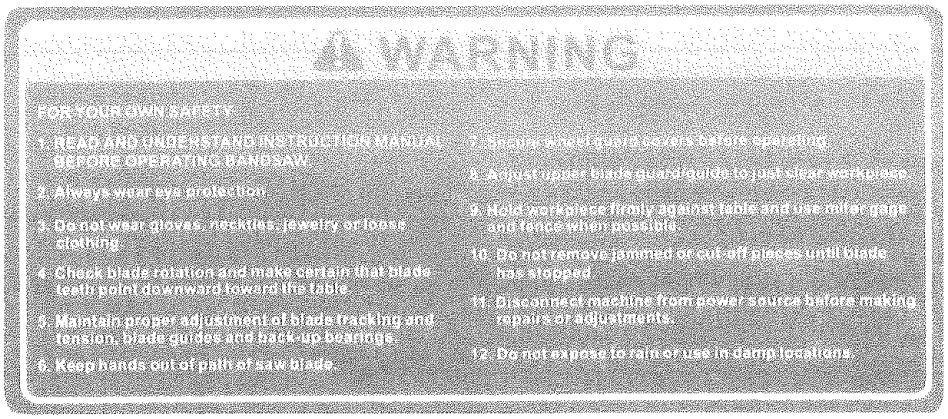
Never Leave Tools Running Unattended.

⚠ DANGER

Always Check for Damaged Parts.
Before initial or continual use of the tool, a guard or other part that is damaged should be checked to assure that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other damaged parts should immediately be properly repaired or replaced.

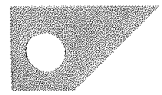
SPECIAL SAFETY RULES FOR BANDSAWS

1. Always stop the Bandsaw before removing scrap pieces from table.
2. Always keep hands and fingers away from the blade.
3. Never attempt to saw stock that does not have a flat surface, unless a suitable support is used.
4. Always hold material firmly and feed it into the blade at a moderate speed.
5. Always turn off the machine if the material is to be backed out of an uncompleted cut.
6. Check for proper blade size and type for thickness and type of material being cut.
7. Make sure that the blade tension and blade tracking are properly adjusted.
8. Make "relief" cuts before cutting long curves.
9. Release blade tension when the saw will not be used for a long period of time.
10. Note and follow the safety warnings and instructions that appear on the lower door.



ASSEMBLY

1. TOOLS REQUIRED FOR ASSEMBLY

Item	Description	QTY
	PhillipsScrewdriver	1
	Adjustable Wrench	1
	Square	1

2. UNPACKING AND CHECKING CONTENTS

Model 119.224010 14" Bandsaw is shipped complete in one box.

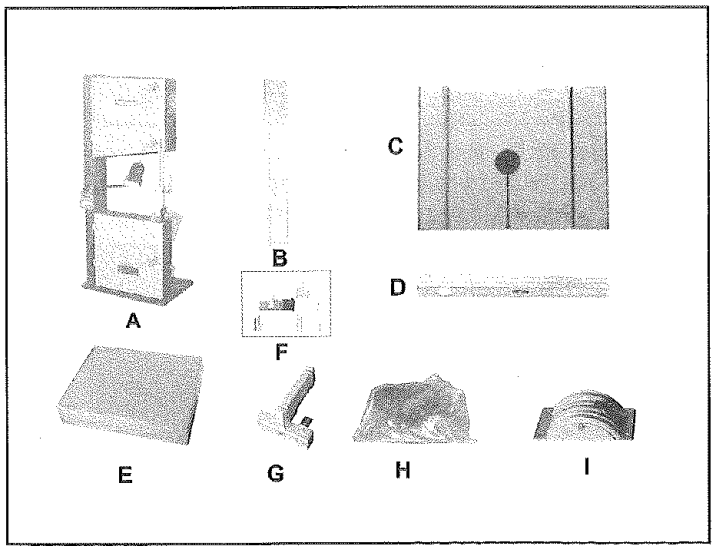
a. Separate all parts from carton and check each item with "Table of Carton Contents" to make sure all items are accounted for, before discarding any packing material.

b. Remove the protective oil that is applied to the table. Use any ordinary house hold type grease and spot remover.

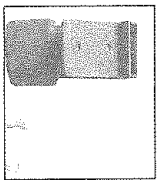
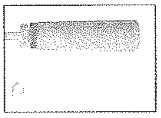
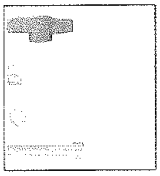
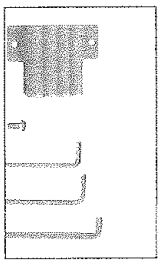
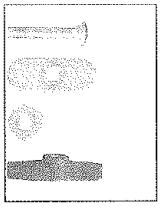
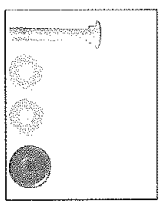
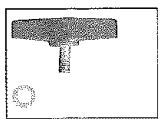
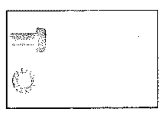
c. Apply a coat of paste wax to the table to prevent rust. Wipe all parts thoroughly with a clean dry cloth.

CARTON CONTENTS

Item	Description	QTY
A	Main Machine	1
B	Rip Fence	1
C	Table	1
D	Guide Rail	1
E	Cabinet Stand Assembly	1
F	Owner's Manual	1
G	Rip Fence Carrier	1
H	Bag of Loose Parts	1
I	Upper Table Trunnion Assembly	1



LIST OF LOOSE PARTS IN BAG

Item	Description	QTY
	2-1/2" Dust port	1
	Hex. Socket head cap screw M6x12	2
	Washer 6	2
	Blade tension knob	1
	Crank handle	1
	Hex. Nut M6	1
	Hex. Bolt M8x45	1
	Hex. Nut M8	1
	Wing nut M6	1
	Tube	1
	Washer 6	1
	Hex. Socket head cap screw M6x45	1
	Tool holder	1
	Pan head screw M5x10	2
	M3 Hex "L" wrench	1
	M4 Hex "L" wrench	1
	M5 Hex "L" wrench	1
	Fence adjusting knob	1
	Carriage bolt M8x50	1
	Bolt guide	1
	Washer 8	1
	Wing nut M8	1
	Carriage bolt M6x40	2
	Washer 6	2
	Washer 6	2
	Knurled nut M6	2
	Wing screw M8	4
	Washer 8	4
	Hex. Bolt M8x16	4
	Lock washer 8	4

3. INITIAL ASSEMBLY

The machine is supplied partly assembled. Prior to use, the following items have to be installed: Cabinet stand, 2-1/2" dust port, Table, Rip Fence, Blade Tension Knob, Tool holder, and Crank handle.

WARNING: To avoid injury, do not attempt to run or use this machine until all parts are assembled and working properly.

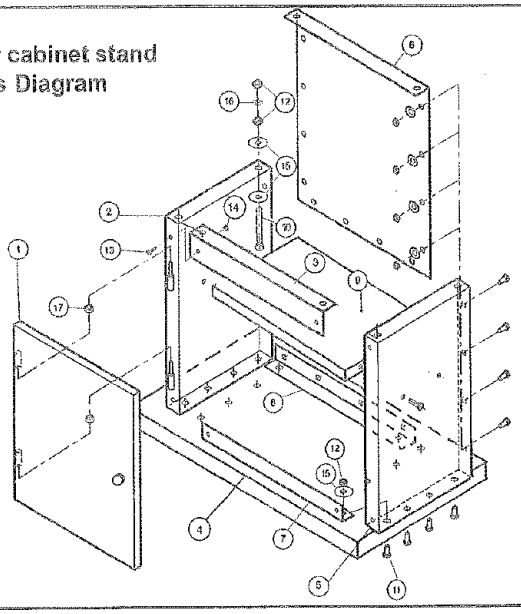
a. Assembly the cabinet stand
- Check contents against the parts list.
- Locate back panel and right & left end panels onto the base panel, secure using hex bolts and washers.
- Fasten the right & left end panels to the back panel, secure using hex bolts and washers.
- Fasten the front bracing member on to the right & left end panels assemble using hex bolts and washers. Fasten the shelf on the right & left end panels using remaining hex bolts and washers.
- Fit the door on to the end panel.
- With assistance lift bandsaw and carefully position in place on top of workstand.
- Fix in position using hex bolts, through washer, cabinet stand, washer, hex nut, bandsaw and lock washer then secure on upper side with hex nut. Repeat procedure for all four corners before tightening fully.

WARNING: To Avoid back injury, get help lifting the bandsaw. Bend your knees, lift with your legs, not your back.

Parts List

Item No.	Description	QTY
1	Door	1
2	Left end panel	1
3	Front bracing member	1
4	Base panel	1
5	Right end panel	1
6	Back panel	1
7	Front angle bar	1
8	Rear angel bar	1
9	Shelf	1
10	Hex. bolt 1/4"x20"x2"	4
11	Hex. bolt 1/4"x20"x7/8"	24
12	Hex. nut 1/4"	32
13	Pan head screw M4x8	4
14	Lock nut M4	4
15	Washer	32
16	Lock washer	4
17	Bushing	2

Bandsaw cabinet stand
Parts Diagram



b. Assemble the 2-1/2" dust port to the bandsaw frame with Hex. socket head cap screw and washer. Place the 2-1/2" dust port on to the side of the bandsaw frame.
Locate two Hex. socket head cap screws and two washers from the bag of loose parts. Mount the dust port to the bandsaw frame and install a Hex. socket head cap screw with washer in each hole, then tighten with M5 Hex "L" wrench. (See FIG.1)

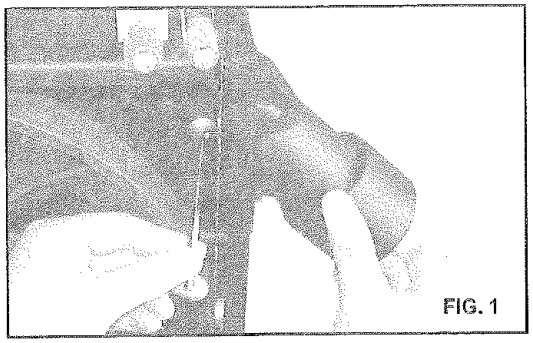


FIG. 1

c. Assemble the upper table trunnion to the lower table trunnion with Carriage Bolt, Glide Piece, Washer and Wing Nut. Place the table on to the upper table trunnion, taking care when passing the saw blade through the slot of the table (See FIG. 2).
Locate four hex bolts and four lock washers from the bag of loose parts. Mount the table to the upper table trunnion and install a bolt with washer in each hole, then tighten with adjustable wrench.

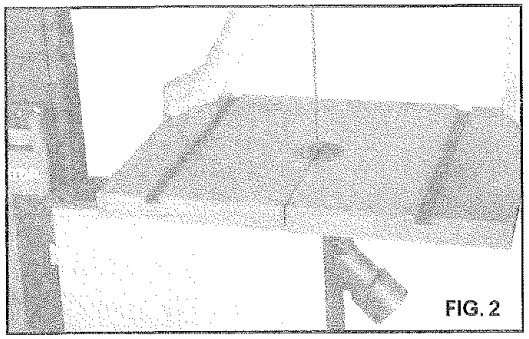


FIG. 2

d. Fasten the guide rail with four each wing screw and washer to the table. Use the hex socket head cap screw, washer and wing nut for correcting the working table flatness. (See FIG. 3)

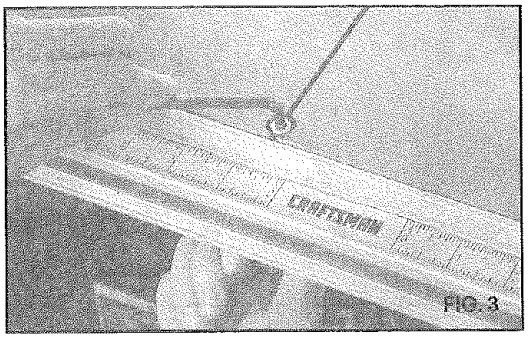


FIG. 3

e. To assemble the rip fence, take the fence carrier(A) and attach it to the guide rail(B) using the M8x50 carriage bolt(C) and the wing nut(D).
Fit the fence(E) to the fence carrier with the two knurled nuts(F) and M6x40 carriage bolts(G) and use the fence adjusting knob(H) for adjustment and to lock in position.(See FIG.4)

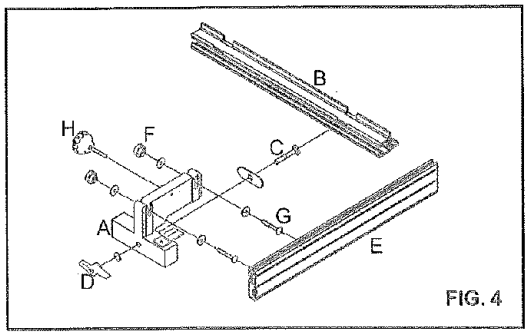


FIG. 4

The rip fence on this bandsaw can be used on either side of the blade by fixing the fence to the appropriate side of the fence carrier. (See FIG.5)

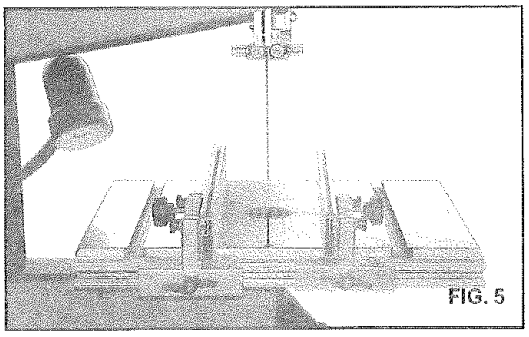


FIG. 5

f. Place the blade tension knob on to the blade tensioner (See FIG.6)

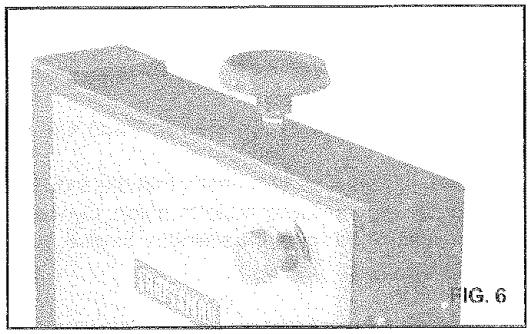


FIG. 6

g.To ensure sufficient upright stability of the machine it should be bolted to open stand (See the previous instruction how to place the machine on to the open stand). For this purpose 6mm mounting holes are provided in the machine's base. (See FIG.7)

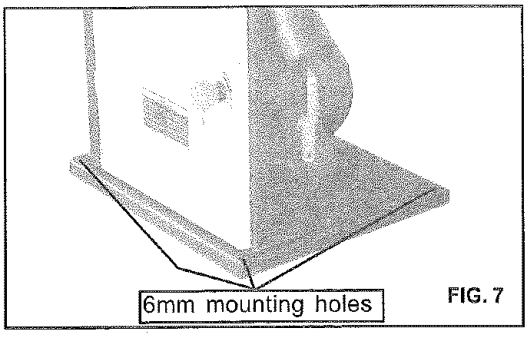


FIG. 7

h. The bandsaw has a 2-1/2" dust port and 4" dust port included. (See Fig. 8)
It is recommended that when in use, the bandsaw is connected to a suitable dust collector.

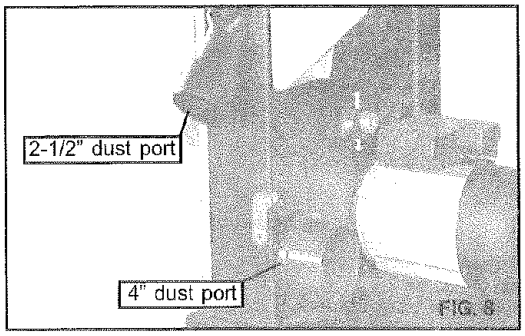


FIG. 8

i. Assemble the tool holder to the column of the bandsaw with two pan head screws. Locate two pan head screws from the bag of loose parts. Mount the tool holder to the column and install a pan head screw in each hole, then tighten with Phillips screwdriver. (See FIG.9)

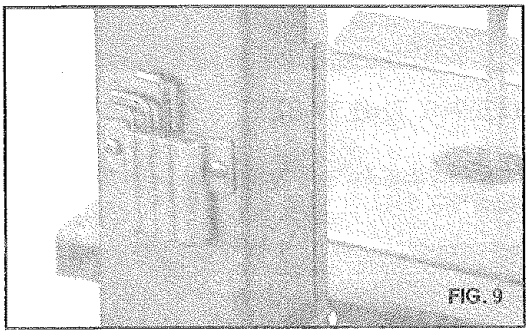


FIG. 9

j. Attach the crank handle to the belt tension crank arm with the M6 Hex. nut. (See FIG.10)

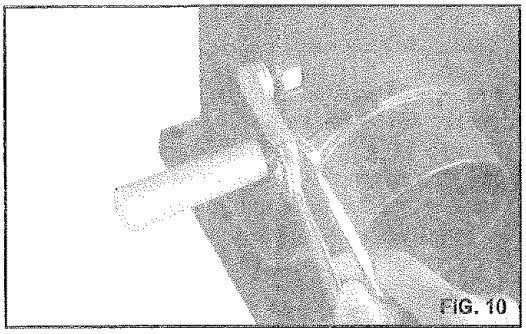
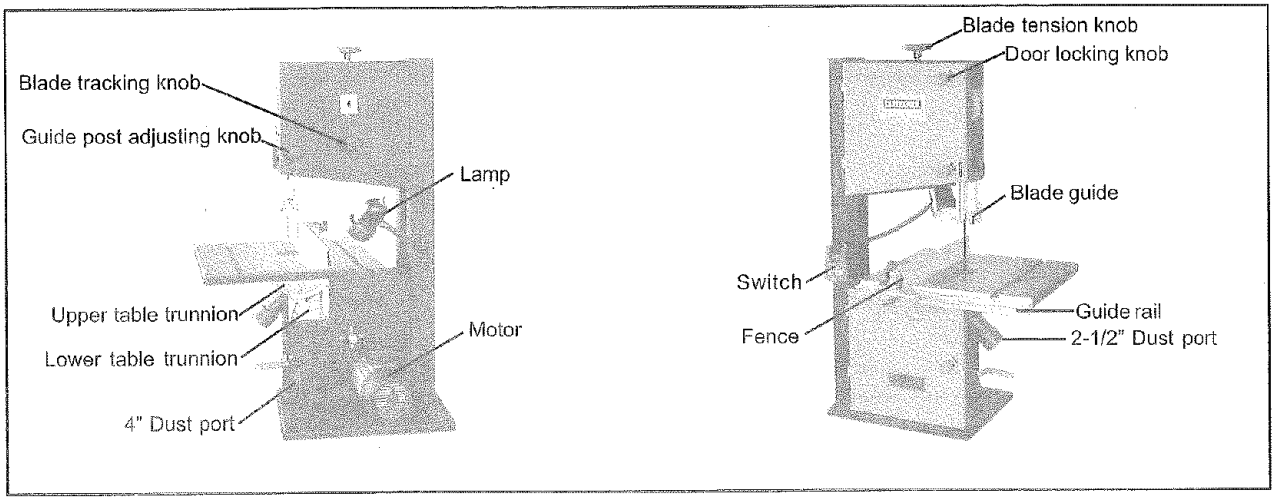


FIG. 10

GETTING TO KNOW YOUR BANDSAW



ADJUSTMENT

1. CENTERING THE TABLE

a. Loosen the four hex. bolts mounting the table to the upper table trunnion. (See FIG. 11)

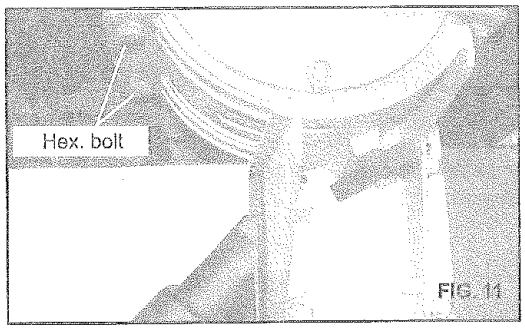


FIG. 11

b. Move the table sideways as required, until the saw blade runs through the center of the table insert.
c. If the adjustment of "b" is not enough to center the table, loosen the four flange nuts holding the lower table trunnion and move the table sideways to place the table in the center.
d. Re-tighten hex. bolts for trunnion, recheck the saw blade position.

2. SETTING TABLE SQUARE TO SAW BLADE ON RIGHT AND LEFT POSITION

Loosen the wing nut on the lower table trunnion and place a suitably sized square against the saw blade on right and left position. If the table requires adjustment, proceed as follows:

a. Using a wrench, release the hex. nut on the frame. (See FIG.12)
b. Place the wrench on the hex. bolt and adjust until the table square to the saw blade.(See FIG.12)

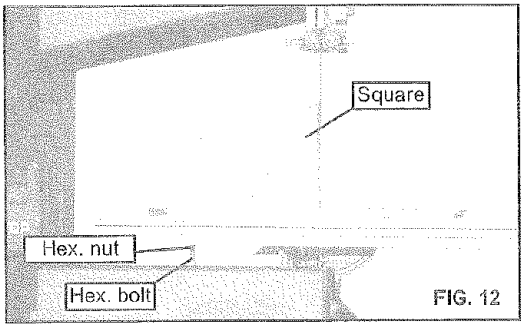


FIG. 12

c. Tighten the hex. nut and recheck the saw blade and the table for squareness.
d. Lock the table into position and check that the indicator reads zero degree on the side of lower table trunnion. Loosen the screw securing the indicator and reset if necessary to give zero degree reading. (See FIG. 13)

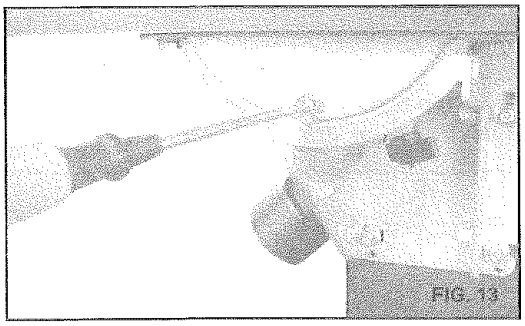


FIG. 13

3. SETTING TABLE SQUARE FRONT AND BACK OF BLADE

Place a suitably sized square against the saw blade on back and force position. If the table requires adjustment, proceed as follows:

a. Using a wrench, release the flange nut on the lower table trunnion. (See FIG.14)
b. Place the M5 Hex "L" wrench on the hex. socket set screw and adjust until the table is square to the saw blade on the front and back position.(See FIG.14)

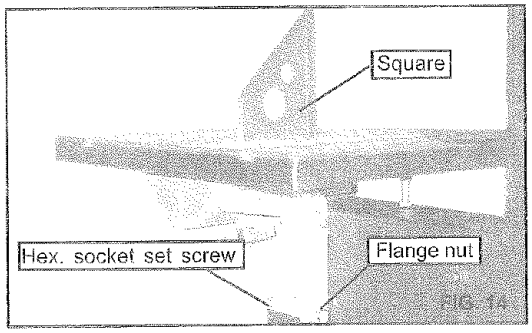


FIG. 14

c. Tighten the flange nut and recheck the saw blade and the table for squareness.

4. TILTING THE TABLE

For bevel cuts, the table tilts 0 through 45 degrees.

a. To tilt the table, loosen the wing nut on the table trunnion, set the table to the required angle and tighten the wing nut again (See FIG. 15).

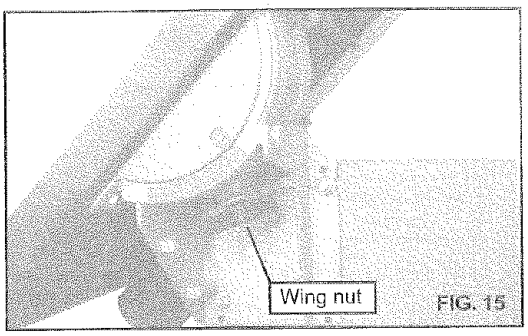


FIG. 15

b. It is recommended to verify the correct angle setting using an angle guide, or by making trial cuts in scrap wood. Adjust the indicator accordingly by using a phillips head screwdriver.

5. FENCE ADJUSTMENT

a. Vertical alignment of the rip fence is made by adjusting the two knurled nuts and the fence adjusting knob.
The fence should be adjusted vertically with a suitable square placed on the table surface.

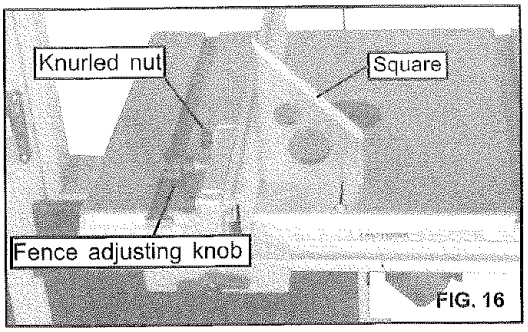


FIG. 16

b. Horizontal alignment of the rip fence is made by adjusting the two knurled nuts and the fence adjusting knob.
The fence should be aligned with the table slots along its length.(See FIG. 17)

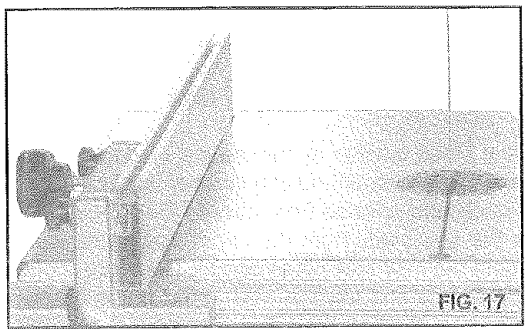


FIG. 17

6. ADJUSTING THE RIP FENCE GUIDE SCALE

To adjust the rip fence scale loosen the four wing screws below the table and move the scale and the guide rail sideways to adjust. Re-tighten the wing screws when the adjustment is correct. (See FIG.17)
The adjustment may be checked by setting the rip fence to a thickness and cutting a test piece.
When the adjustment is correct the thickness of the test piece will correctpond with the rip fence scale setting.

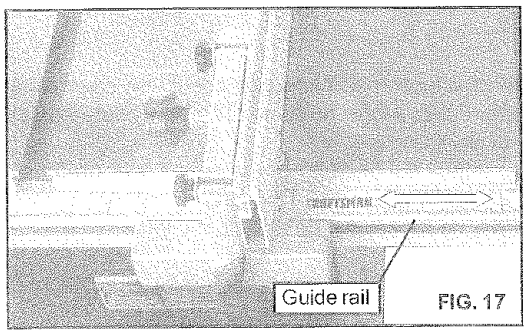


FIG. 17

7. ADJUSTING THE BLADE TENSION

To loosen the tension of the blade, turn the blade tension knob counter clockwise and the tension indicator will be lower. To tighten the tension of the blade, turn the tension knob clockwise, and the tension indicator will rise.(See FIG.18)

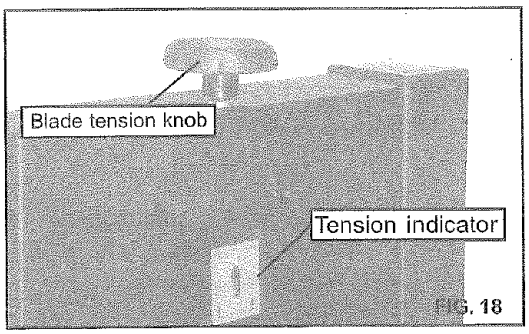


FIG. 18

8. CHANGING AND ADJUSTING THE SAW BLADE

This bandsaw is factory-equipped with a general-purpose wood cutting blade, the saw blade is set prior to delivery.
To change the saw blade, the following procedure must be followed:

WARNING: To avoid injury from unexpected starting, whenever changing the saw blade or carrying out adjustments, switch the bandsaw off and remove the power cord from the main outlet. To avoid injury to hands when handling the saw blade, wear gloves whenever necessary.

a. Remove the rip fence, the guide rail, the wing nut and screw from the table.
b. Open the upper and lower doors by turning the door locking knobs.
c. Loosen the blade tension by turning the blade tension knob on the top of the upper wheel housing counterclockwise until the saw blade has slackened (viewed from above) (See FIG. 19).
d. Remove the saw blade from the upper and lower wheels.
e. When fitting the new saw blade ensure the blade teeth are pointing downwards and towards you at the position where the saw blade passes through the table.

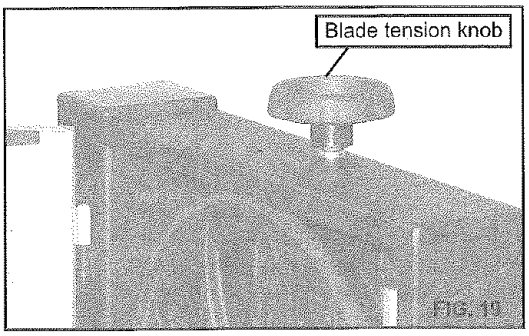


FIG. 19

f. Re-tension the new saw blade and check the saw blade tracking by turning the upper wheel by hand. The saw blade should run in the center of the bandsaw wheels.
g. If needed adjust the tracking of the saw blade, proceed as mentioned below " TRACKING THE SAW BLADE"
h. Replace the rip fence, the guide rail, the wing nut and screw to the table.
i. Close the upper and lower doors by turning the door locking knobs before reconnecting the power supply.

9. TRACKING THE BANDSAW BLADE

Set the tracking of the saw blade before setting the blade guides. Once the saw blade is installed and tensioned, track the saw blade by adjusting the tracking knob by hand (See FIG. 20). The saw blade should run in the center of the bandsaw wheels. When the correct adjustment is achieved lock the tracking knob with the wing nut.

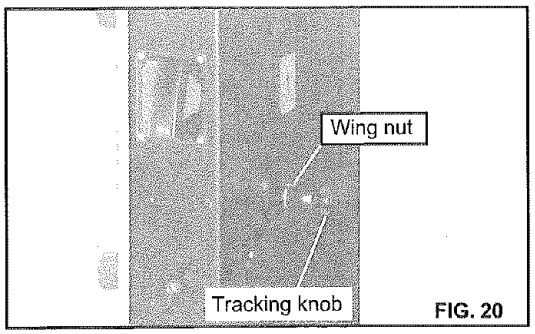


FIG. 20

10. SETTING THE CUTTING HEIGHT

a. The upper blade guide should be set as close as practical against the workpiece.
b. To adjust this height, loosen the wing nut at the side of the upper wheel housing. (See FIG. 21)
c. Set the blade guide to the required height by turning the guide post adjusting knob.
d. Tighten the wing nut after setting.

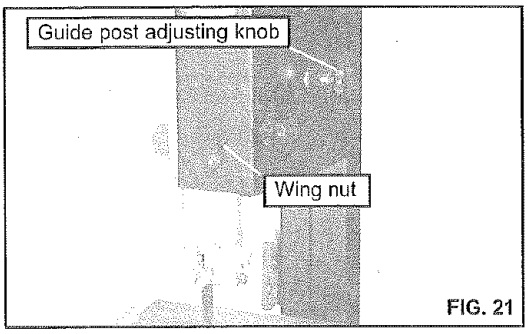


FIG. 21

11. ADJUSTING THE BLADE GUIDES

The Upper Blade Guide

a. To adjust the upper blade guides, first position the right and left roller guides relative to the blade by loosening the lock nut FIG.22 and moving the guide carrier until both roller guides are approximately 1/16" behind the gullets of the saw blade.
b. Set both roller guides to within 1/32" of the saw blade by releasing the guide adjusting screw FIG.22 on each side of the saw blade through turning the micro-adjusting knobs. Do not set the roller guides too close as this will adversely affect the life of the saw blade.

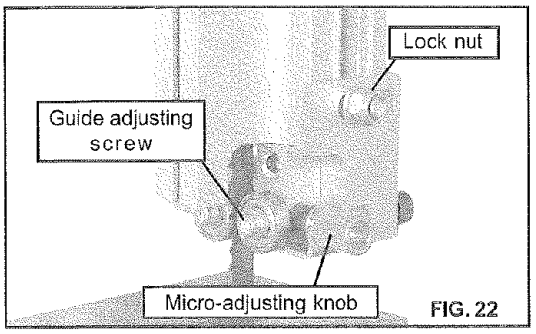


FIG. 22

c. Adjust the rear roller guide to be just clear of the back of the saw blade releasing the guide adjusting screw FIG.23 through turning the micro-adjusting knob.
d. When the correct adjustment is reached, lock the roller guide in position with the guide adjusting screw FIG.23

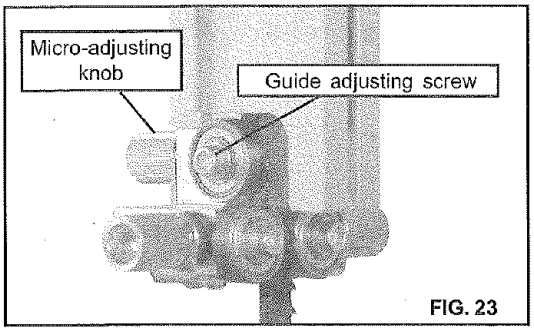


FIG. 23

The Lower Blade Guide

a. To adjust the lower blade guides, first position the right and left roller guides relative to the blade by loosening the lock nut FIG.24 and moving the guide carrier until both roller guides are approximately 1/16" behind the gullets of the saw blade

b. Set both roller guides to within 1/32" of the saw blade by releasing the guide adjusting screw FIG.24 through turning the micro adjusting knobs on each side of the saw blade. Do not set the roller guides too close as this will adversely affect the life of the saw blade.

c. Adjust the rear roller guide to be just clear of the back of the saw blade by unlocking the guide adjusting screw FIG.24 through turning the micro-adjusting screw.

d. When the correct adjustment is reached, lock the roller guides in position with the guide adjusting screws FIG.24

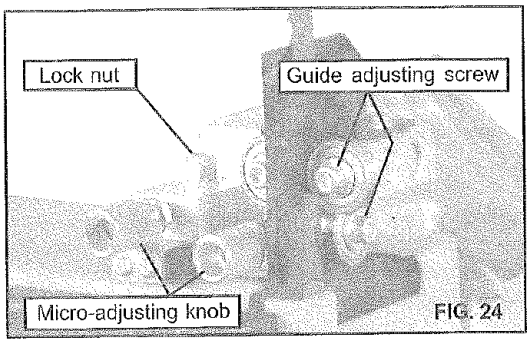


FIG. 24

12. CHANGING THE BLADE SPEED

This bandsaw has two blade speeds 1620 feet/min for hardwoods, some plastics and certain nonferrous metals and 3340 feet/min for all other timber.

The lower bandwheel has two, integral, multi-vee form pulleys and the motor shaft has a twin multi-vee form pulley.
The drive belt passes around the bandwheel pulley, the motor pulley and the tension wheel. The belt tension is released and applied by using the cranked handle. This moves the tension wheel and allows the speed to be changed.(See FIG.25)

Before changing the speed always make sure the machine has been unplugged from the electrical supply.

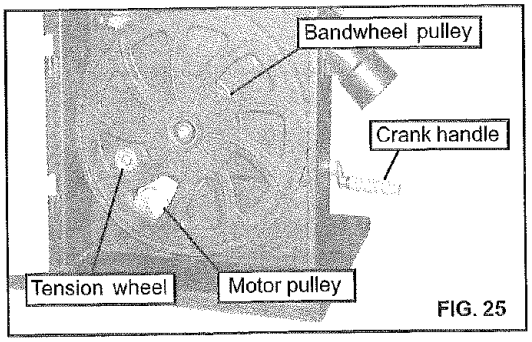


FIG. 25

For the high speed 3340 ft/min, the belt should be fitted to the rear pulley on both the motor and bandwheel. (See FIG.26)

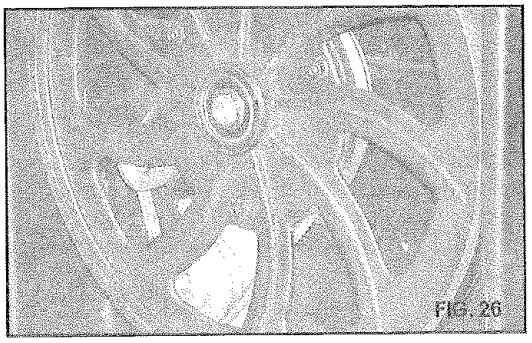


FIG. 26

For the low speed 1620 ft/min, the belt should be fitted to the front pulley on both the motor and bandwheel. (See FIG.27)

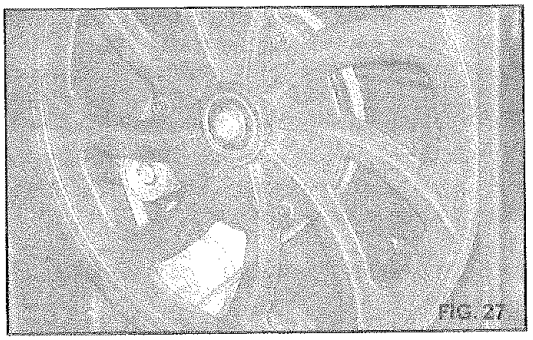


FIG. 27

13. CHANGING THE DRIVE BELT

a. Release the saw blade tension by turning the blade tension knob on the top of bandsaw counterclockwise.
b. Released the belt tension by using the crank handle.
c. Using C-clip pliers (not provided) remove the retaining ring from the center of the lower wheel.
d. Carefully slide the lower wheel forward and at the same time release the saw blade from this wheel.
e. Remove the old drive belt and fit the new belt. (ensure ribs in drive belt are seated correctly before reassembling and tensioning the drive belt)
f. Follow procedures for CHANGING AND ADJUSTING THE SAW BLADE & TRACKING THE BANDSAW BLADE, before restoring power to the bandsaw and setting up for use.

OPERATION

WARNING: Before starting check if any part of your bandsaw is missing, malfuctioning, has been damaged or broken... such as the motor switch, or other operation control, a safety device or the power cord, turn the bandsaw off and unplug it until the particular part is properly repaired or replaced.

The saw blade cuts on a continuous downstroke. To avoid injury when hands are unavoidably near to the saw blade, they should be placed on either side of the blade, not in line with it. Use a push stick whenever possible when working in close proximity to the saw blade.

Start the bandsaw by turning the lock switch on and wait for the bandsaw to come to full speed before starting to cut. Never start the bandsaw with the workpiece in contact with the saw blade.

Slowly feed the workpiece towards the saw blade, putting only light pressure on it. With both hands, firmly hold the workpiece down on the table, and feed it towards the saw blade slowly.

For best results the saw blade must be sharp. Select the right saw blade for the job, depending on the thickness of the wood the cut to be made. The thinner and harder the wood, the finer the teeth of the saw blade. Use a fine tooth blade for cutting sharp curves.

The machine is especially suited for cutting curves, but will also make straight cuts. Do not attempt to turn the workpiece without pushing it, as this may cause the workpiece to get stuck, or the saw blade to bend.

The rip fence is to enable safe and accurate straight cuts of the workpiece, usually in the same direction as the grain of the timber.

The tiltable table is used for bevel cuts.

WARNING: When sawing with the rip fence and a tilted table, the rip fence must be installed on that side of the table which is tilted downward.

MAINTENANCE

WARNING: To avoid injury due to unexpected starting, before cleaning or carrying out maintenance work, switch off and disconnect the bandsaw from the power source.

Never use water or other liquids to clean the bandsaw. Use a dry brush.

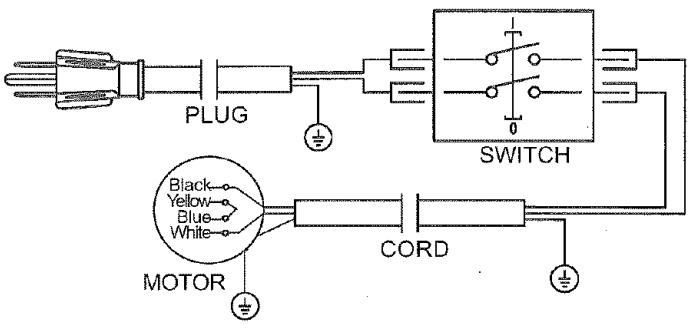
Regular maintenance of the bandsaw will prevent unnecessary problems.

a. Keep the table clean to ensure accurate cutting.
b. Keep the outside of the machine clean to ensure accurate operation of all moving parts and prevent excessive wear.
c. Keep the ventilation slots of the motor clean to prevent it from overheating.
d. Keep the inside (near the saw blade, etc.) clean to prevent accumulation of dust. Use dust collection if possible.
e. To prolong the life of the saw blade, when the bandsaw is not in use for extended periods, release the saw blade tension. Before reusing the bandsaw ensure that the blade is re-tensioned and tracking is checked.

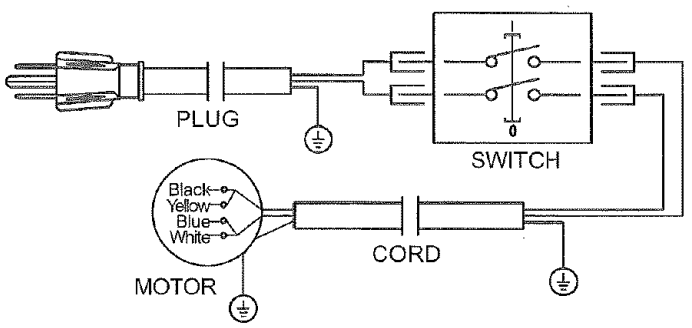
ELECTRICAL SCHEMATIC

As received from the factory, your bandsaw is ready to run at 120 volt operation. It can be switched to 240V according to below electrical schematic.

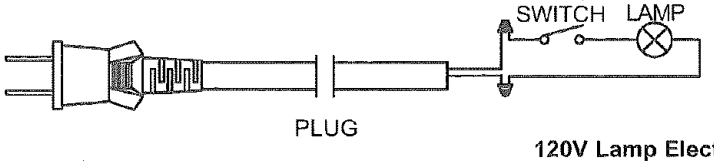
WARNING: This machine must be grounded. To avoid electrocution or fire, any repairs to electrical system should be done only by a qualified electrician, using genuine replacement parts.



240V Electrical schematic



120V Electrical schematic



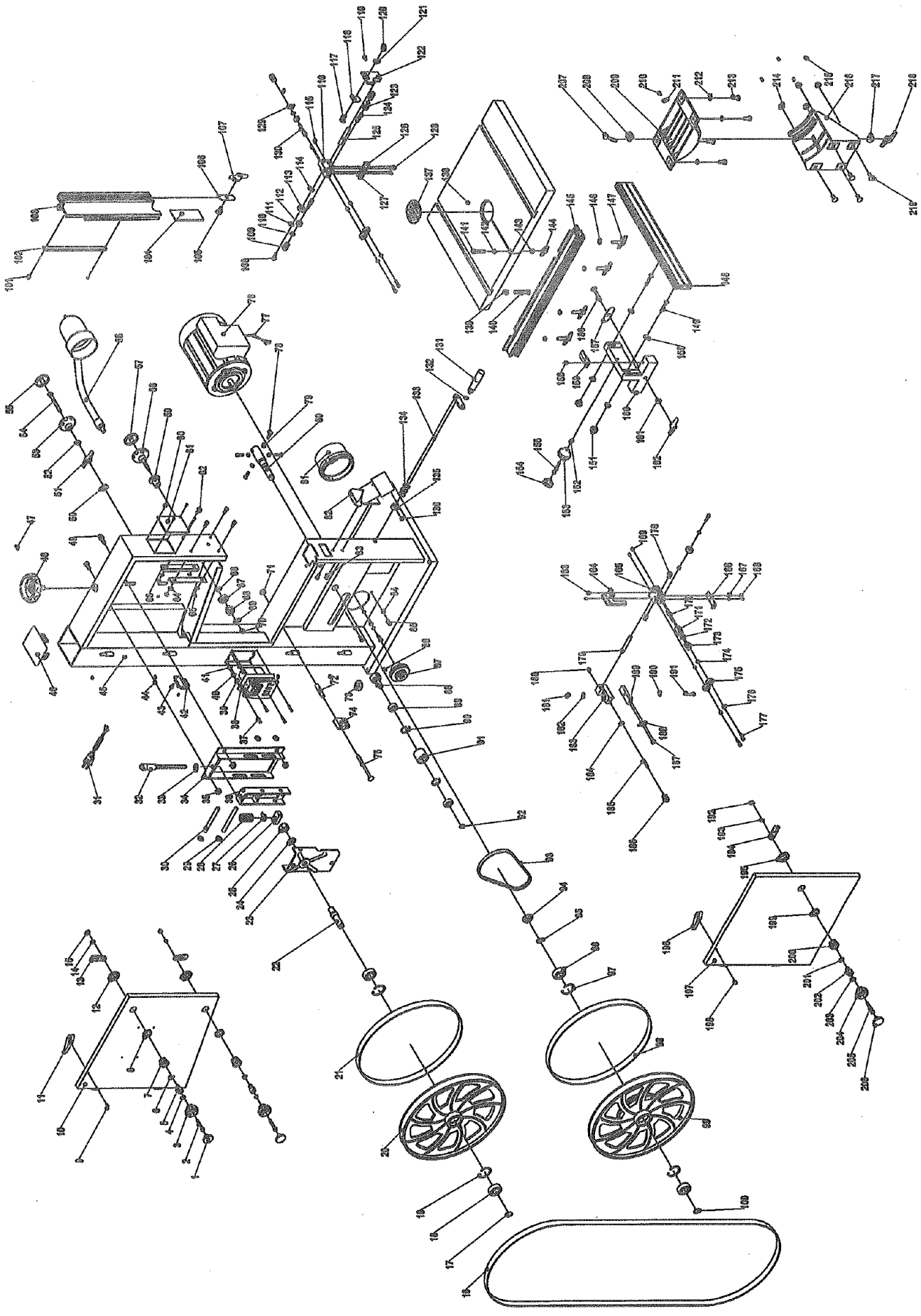
120V Lamp Electrical schematic

TROUBLESHOOTING

Problem	Diagnosis	Remedy
The machine does not work when switched on.	1. No power supply. 2. Defective switch. 3 Defective motor.	1. Check the cable for breakage. 2. Replace the lock switch. 3. Defective motor.
The saw blade does not move with the motor running.	1. The blade tension knob has not been tightened. 2. The blade has come off one of the wheels. 3. The saw blade has broken. 4. The drive belt has snapped.	1. Switch off the motor, tighten the blade tension knob. 2. Open the doors and check. 3. Replace the blade. 4. Replace the belt.
The saw blade does not cut in a straight line.	1. Rip fence for cutting not used. 2. Feed rate too fast. 3. The blade teeth are dull or damaged. 4. Blade guides not suitably adjusted.	1. Use a rip fence. 2. Put light pressure on the workpiece. Make sure the saw blade does not bend. 3. Try a new saw blade. 4. Adjust the blade guides (see ADJUSTMENT instructions).
The saw blade does not cut, or cuts very slowly.	1. The teeth are dull, caused by cutting hard material or long use. 2. The saw blade was fitted the wrong way on the bandsaw.	1. Replace the saw blade, use a 6 T.P.I. saw blade for wood and soft material. Use a 14 T.P.I. saw blade for harder materials. A 14 T.P.I. saw blade always cuts slower due to the finer teeth and the slower cutting performance. 2. Fit the saw blade correctly.
Sawdust builds up inside the machine.	This is normal	Clean the machine regularly. Open the doors and remove the sawdust with a vacuum cleaner.
Sawdust inside the motor housing.	This is normal	Clean the ventilating slots of the motor with a vacuum cleaner. From time to time remove the sawdust to prevent it from being drawn into the housing.
The machine does not cut at 45 or 90 degrees.	1. The table is not at right angles to the blade. 2. The saw blade is dull or too much pressure was put on the workpiece.	1. Adjust the table. 2. Replace the saw blade or put less pressure on the workpiece.
The saw blade can not be properly positioned on the wheels.	1. The wheels are not in alignment or defective bearing. 2. The blade tracking knob hasn't been properly adjusted. 3. Inferior saw blade.	1. Replace bearing. 2. Adjust the blade tracking knob (See ADJUSTMENT instructions). 3. Replace the saw blade.

Warning: Use of this product can generate dust containing chemicals known [to the state of California] to cause cancer, birth defects or other reproductive harm.

PARTS LIST



KEY NO.	DESCRIPTION
1	Door locking knob Cap
2	Hex. Bolt M6x40
3	Door locking knob body
4	Hex. Nut M6
5	Slotted insert
6	Special spring washer
7	Lock housing
8	Washer
9	Rivet 4x8
10	Upper door
11	Leaf spring
12	Special nut M22
13	Tongue lock
14	Spring washer 6
15	Lock nut M6
16	Saw blade
17	Retaining ring 17
18	Ball bearing 80203
19	Retaining ring 40
20	Upper wheel
21	Tire
22	Upper bearing bolt
23	Wheel carrier bracket
24	Spring washer 16
25	Hex. Nut M16
26	Adjusting screw
27	Blade tension indicator
28	Spring
29	Star lock
30	Mount shaft
31	Cable w/plug
32	Blade tensioner
33	Washer 8
34	Tension bracket
35	Flange nut M8
36	Blade tensioner
37	Pan head screw M4x20
38	Switch
39	Pan head screw M4x8
40	Washer 4
41	Lock washer 4
42	Tool holder
43	Pan head screw M5x10
44	Bushing ring
45	Frame
46	Top plug
47	Roll pin 5x18
48	Blade tension knob
49	Hex. Bolt M8x16
50	Washer 8
51	Wing nut M8
52	Hex. Nut M8
53	Blade tracking knob body
54	Hex. Bolt M8x70
55	Blade tracking cap
56	Working light
57	Adjusting knob cap
58	Adjusting knob body
59	Tube
60	Rivet 3x7
61	Clear window
62	Hex. Bolt M6x16
63	Guide bracket
64	Lock washer 6
65	Hex. Nut M6
66	Spring washer
67	Hex. Nut M20
68	Gear
69	Washer 6
70	Lock nut M6
71	Flange nut M8
72	Tube
73	Rubber tube
74	Brush

KEY NO.	DESCRIPTION
75	Carriage bolt M8x100
76	Motor
77	Motor cable
78	Hex. Bolt M6x20
79	Hex. Nut M6
80	Lower bearing bolt
81	Dust port 4"
82	Dust port 2-1/2"
83	Hex. Socket head cap screw M6x12
84	Spring washer 6
85	Hex. Bolt M6x16
86	Hex. Socket set screw M6x10
87	Motor pulley
88	Sliding shaft
89	Bearing 80101
90	Retaining ring 28
91	Tension wheel
92	Retaining ring 12
93	Drive belt
94	Special hex. Nut
95	Retaining ring 17
96	Bearing 80203
97	Retaining ring 17
98	Tire
99	Lower wheel
100	Retaining ring 40
101	Tapping screw ST3.5x13
102	Rack
103	Blade guide
104	Slider
105	Carriage bolt M8x20
106	Bolt guide
107	Wing nut M8
108	Guide adjusting screw
109	Micro-adjusting knob
110	O-ring
111	Washer 5
112	Long tube
113	Bearing 80018
114	Tube
115	Guide adjusting screw
116	Upper guide body
117	Hex. Bolt 5/16"x7/8"
118	Special washer
119	Hex socket head screw M8x10
120	Hex. Nut 5/16"
121	Washer 8
122	Upper guide mount
123	Short tube
124	Bearing mount cylinder w/thread
125	Upper guide shaft
126	Micro-adjusting knob bracket/right
127	Micro-adjusting knob bracket/left
128	Pan head screw M4x5
129	Micro-adjusting knob bracket/rear
130	Bearing mount cylinder w/thread
131	Crank handle
132	Hex. Nut M6
133	Belt tension crank arm
134	Washer 10
135	Set collar
136	Set screw M5x8
137	Table insert
138	Table
139	Hex. Nut M8
140	Hex. Bolt M8x45
141	Hex. Socket head cap screw M6x45
142	Washer 6
143	Tube
144	Wing nut M6
145	Guide rail
146	Washer 8
147	Wing screw M8
148	Fence

KEY NO.	DESCRIPTION
149	Carriage bolt M6x40
150	Washer 6
151	Knurled nut M6
152	Hex. Nut M6
153	Fence adjusting knob body
154	Fence adjusting knob cap
155	Hex. Bolt M6x40
156	Carriage bolt M8x50
157	Bolt guide
158	Tapping screw 3.5x9.5
159	Indicator
160	Rip fence carrier
161	Washer 8
162	Wing nut M8
163	Pan head screw M4x6
164	Lower blade guard
165	Lower guide body
166	Micro-adjust knob bracket/rear
167	Washer 4
168	Pan head screw M4x5
169	Hex socket set screw M6x10
170	Bearing mount cylinder w/thread
171	Long tube
172	O-ring
173	Micro-adjusting knob
174	Washer 5
175	Bearing 80018
176	Tube
177	Guide adjusting screw
178	Bearing mount cylinder
179	Lower guide shaft
180	Hex. Socket set screw M6x10
181	Lock nut M6
182	Washer 6
183	Lower guide mount
184	Hex. Nut M6
185	Hex. Socket set screw M6x35
186	Micro-adjusting knob
187	Pan head screw M4x5
188	Micro-adjusting knob bracket/rear
189	Lower guide mount seat
190	Washer 6
191	Hex. Bolt M6x35
192	Lock nut M6
193	Spring washer 6
194	Tongue lock
195	Special nut M22
196	Leaf spring
197	Lower door
198	Rivet 4x8
199	Washer
200	Lock housing
201	Special spring washer
202	Slotted insert
203	Hex. Nut M6
204	Door locking knob body
205	Hex. Bolt M6x40
206	Door lock knob cap
207	Carriage bolt M8x50
208	Glide piece
209	Upper table trunnion
210	Tapping screw ST3.5x9.5
211	Indicator
212	Lock washer 8
213	Hex. Bolt M8x16
214	Flange nut M8
215	Hex. Socket set screw M6x10
216	Lower table trunnion
217	Washer 8
218	Wing nut M8
219	Carriage bolt M8x20

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