

# carbatec



**3YR**  
WARRANTY

## OWNERS MANUAL

OSCILLATING WIDE BELT SANDER

WBS-2200C



# Warnings

1. Read and understand the entire owner's manual before attempting assembly or operation.
2. Read and understand the warnings posted on the machine and in this manual. Failure to comply with all of these warnings may cause serious injury.
3. Replace the warning labels if they become obscured or removed.
4. This Oscillating Edge Sander is designed and intended for use by properly trained and experienced personnel only. If you are not familiar with the proper and safe operation of an edge sander, do not use until proper training and knowledge have been obtained.
5. Do not use this machine for other than its intended use.
6. Always wear approved safety glasses/face shields while using this Oscillating Edge Sander. Everyday eyeglasses only have impact resistant lenses; they are not safety glasses.
7. Before operating this edge sander, remove tie, rings, watches and other jewelry, and roll sleeves up past the elbows. Remove all loose clothing and confine long hair. Non-slip footwear or anti-skid floor strips are recommended. Do **not** wear gloves.
8. Wear ear protectors (plugs or muffs) during extended periods of operation.
9. Some dust created by power sanding, sawing, grinding, drilling and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
  - Lead from lead based paint.
  - Crystalline silica from bricks, cement and other masonry products.
  - Arsenic and chromium from chemically treated lumber.Your risk of exposure varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area and work with approved safety equipment, such as face or dust masks that are specifically designed to filter out microscopic particles.
10. Do not operate this machine while tired or under the influence of drugs, alcohol or any medication.
11. Make certain the switch is in the **OFF** position before connecting the machine to the power source.
12. Make certain the machine is properly grounded.
13. Make all machine adjustments or maintenance with the machine unplugged from the power source.
14. Form a habit of checking to see that all extra equipment such as adjusting keys, wrenches, scrap, stock, and cleaning rags are removed away from the machine before turning on.
15. Keep safety guards in place at all times when the machine is in use. If removed for maintenance purposes, use extreme caution and replace the guards immediately when maintenance is complete.
16. Make sure the edge sander is firmly secured to the floor before use.
17. Check damaged parts. Before further use of the machine, a guard or other part that is damaged should be carefully checked to determine 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 part that is damaged should be properly repaired or replaced.
18. Provide for adequate space surrounding work area and non-glare, overhead lighting.
19. Keep the floor around the machine clean and free of scrap material, oil and grease.



## Warnings

20. Keep visitors a safe distance from the work area. **Keep children away.**
21. Make your workshop child proof with padlocks, master switches or by removing starter keys.
22. Give your work undivided attention. Looking around, carrying on a conversation and “horse-play” are careless acts that can result in serious injury.
23. Maintain a balanced stance at all times so that you do not fall or lean against the sanding belt or other moving parts. Do not overreach or use excessive force to perform any machine operation.
24. Use the right tool at the correct speed and feed rate. Do not force a tool or attachment to do a job for which it was not designed. The right tool will do the job better and safer.
25. Use recommended accessories; improper accessories may be hazardous.
26. Maintain machinery with care. Follow instructions for lubricating and changing accessories.
27. Turn off the machine before cleaning. Use a brush or compressed air to remove dust or debris — do not use your hands.
28. Do not stand on the machine. Serious injury could occur if the machine tips over.
29. Never leave the machine running unattended. Turn the power off and do not leave the machine until it comes to a complete stop.
30. At all times hold the stock firmly.

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



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



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

## Specifications

- |  |   |
|--|---|
| 01) Work table size (mm): 750x250      | 05) Belt table tilt (mm): 0 - 90°             |
| 02) Table travel (mm): 80(up and down) | 06) Dust chute diameter (mm):100              |
| 03) Belt size (mm): 2260x150           | 07) Motor (W): 2200W                          |
| 04) Belt table size (mm) : 820x170     | 08) Packing size (mm):1350x650x605 (one case) |

The above specifications were current at the time this manual was published, but because of our policy of continuous improvement, the manufacturer reserves the right to change specifications at any time and without prior notice,without incurring obligations.

# Assembly

## Stand Assembly

Referring to Figure 1:

1. Remove all contents from the shipping container.
2. Clean all rust protected surfaces with a mild solvent. Do not use paint or lacquer thinner, gasoline, or mineral spirits; these will damage painted surfaces.
3. Attach the four *rubber pads* (A) to the bottoms of the *side panels* (C) with four each *hex nuts* (B). The hardware can be found in the bag with the rubber pads.
4. Attach the *side panels* (C) to the *front panel* (D) with four 5/16" x 5/8" *hex cap screws*, eight 5/16" *flat washers*, four 5/16" *lock washers*, and four 5/16" *hex nuts* (E). Hand tighten the hardware at this point.

**Note:** Assemble the stand upside down to make sure that the tops of the panels are flush.

5. Mount the *shelf* (F) to the inside of the stand with two M5x10 *pan head screws*, two M5 *flat washers* and two M5 *lock washers* (G).
6. Finish the stand assembly by attaching the *rear panel* (H) to *side panels* (C) with four 5/16" x 5/8" *hex cap screws*, eight 5/16" *flat washers*, four 5/16" *lock washers*, and four 5/16" *hex nuts* (J).
7. Make sure stand is sitting evenly on a level surface before tightening hardware.

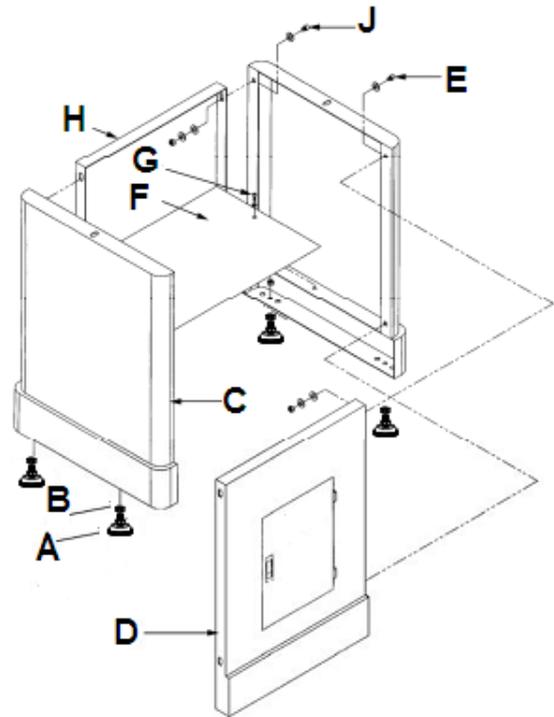


Figure 1

## Installing Table and Motor Unit to Stand

**⚠WARNING** The Table and Motor Unit is heavy! Use great care and adequate resources when lifting the unit up onto the stand! Failure to comply may cause serious injury and/or damage to the sander and/or property!

Referring to Figure 2:

1. With the aid of another person, carefully lift the *table and motor unit* (A) out of the shipping box, and up onto the *stand* (B).
2. Line up threaded holes in the *base* (C) with the holes in the *stand* (D).
3. Open the *cabinet door* (E) and through the opening attach main unit to stand with two 5/16" x 1-1/4" *hex cap screws* (F), two 5/16" *lock washers* (G) and two 5/16" *flat washers* (H). Tighten with a 12mm wrench.

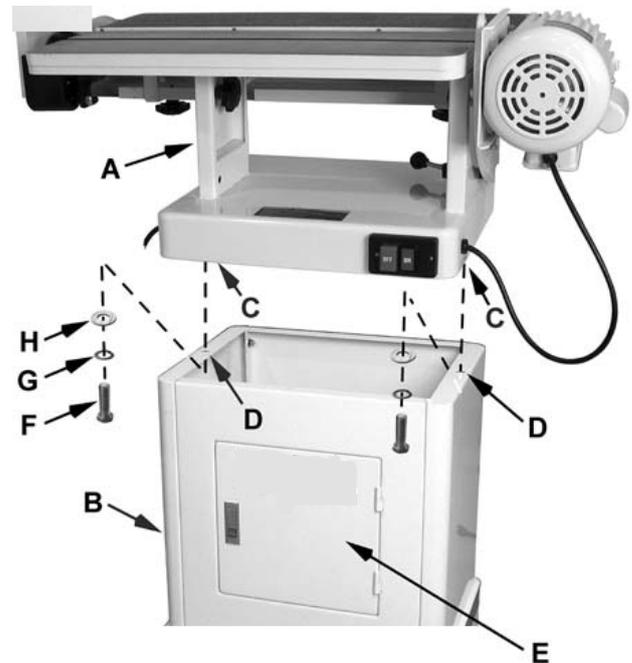


Figure 2

Referring to Figure 3:

4. The *sanding platen* (A) is presently in the horizontal position. Pull *lock handle* (B) forward to unlock the platen assembly.
5. Tilt sanding platen to the *vertical position* (C), which will look like D in Fig. 4; then push the *lock handle* (B) to lock the platen assembly in place.

**Note:** Do not *turn* the lock handle. *Turning* or *rotating* the lock handle will change the tension of the locking assembly. This may cause the locking assembly not to work, making it necessary for adjustment before using the machine.

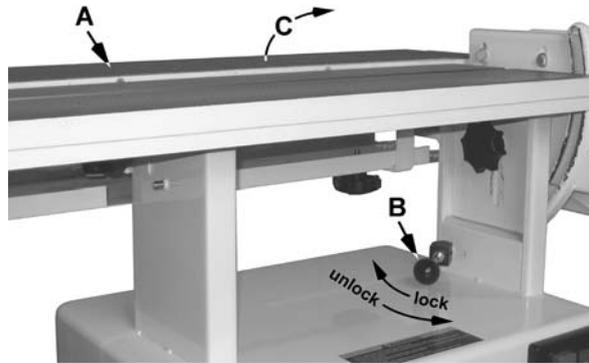


Figure 3



Figure 4

## Sanding Belt Installation

Referring to Figure 5:

1. From the rear of the sander, remove the *belt guard* (A) by unscrewing two *lock knobs* (B). Take out the *sanding belt* and *removable fence* from behind the belt guard.
2. Place the *handle* (C) on *belt tensioning lever* (D). Remove the tension from the mechanism by moving the *handle* (C) to the *Loose* position.
3. Place belt on both rollers so that the edge of the belt is even with the edge of the rollers.

**Note:** Make sure that direction arrow on belt matches the direction indicator on the top of the platen.

4. Tighten the belt by moving the *tension arm handle* (C) to the *Tight* position. Rotate the belt by hand in the direction indicated by the arrow on top of the platen. If the belt tracking needs adjustment, see *Belt Tracking Adjustment*.

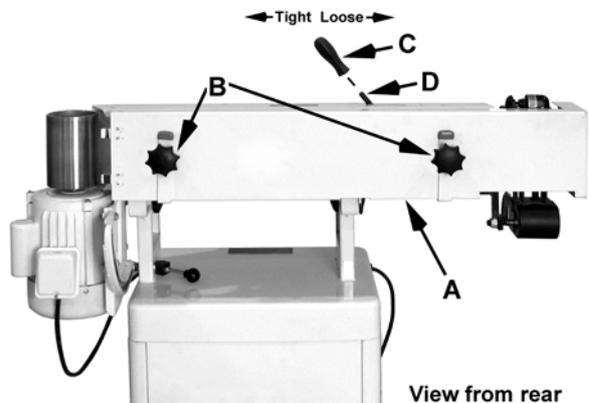


Figure 5

## Extension Table

Referring to Figure 7:

1. Attach the *bracket* (E) for the extension table to the side of the *motor housing* (D) and secure with two *socket head cap screws* (F).
2. Slide the shaft of the *extension table* (C) into the *bracket* (E), positioning the table so the *opening* (B) wraps around the *drive drum* (A).
3. Insert *lock knob* (G) into the threaded hole on the side of the *bracket* (E) visible from the rear of the sander.

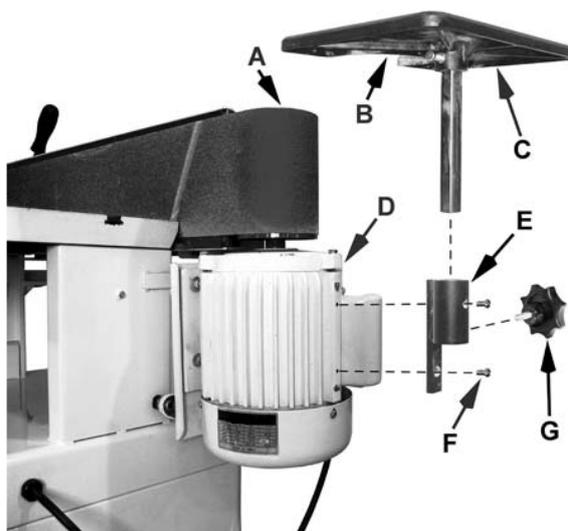


Figure 7

## Electrical

### Grounding Instructions

**CAUTION** This sander must be grounded while in use to protect the operator from electric shock.

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided. If it will not fit the outlet, have the proper outlet installed by a qualified electrician. Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor, with insulation having an outer surface that is green with or without yellow stripes, is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded. Use only three wire extension cords that have three-prong grounding plugs and three-pole receptacles that accept the tool's plug.

Repair or replace a damaged or worn cord immediately.

## Extension Cords

Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your machine will draw. An undersized cord will cause a drop in the line voltage resulting in power loss and overheating. Table 1 shows the correct size to use depending on the cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. Remember, the smaller the gauge number, the heavier the cord.

Recommended Extension Cord Gauges

Amps	Extension Cord Length in Feet *					
	25	50	75	100	150	200
< 5	16	16	16	14	12	12
5 to 8	16	16	14	12	10	NR
8 to 12	14	14	12	10	NR	NR
12 to 15	12	12	10	10	NR	NR
15 to 20	10	10	10	NR	NR	NR
21 to 30	10	NR	NR	NR	NR	NR

\*based on limiting the line voltage drop to 5V at 150% of the rated amperes.

NR: Not Recommended.

Table 1

## Adjustments

### Sanding Platen Angle Adjustment

Referring to Figure 10:

1. Disconnect the machine from the power source.
2. Pull the *lock handle* (B) forward (unlock) to release tension.

Move the *sanding platen* (A) to the desired position. Use a combination square between the table and sanding platen to get precise angles.

3. Hold the *platen* (A) while locking the handle.

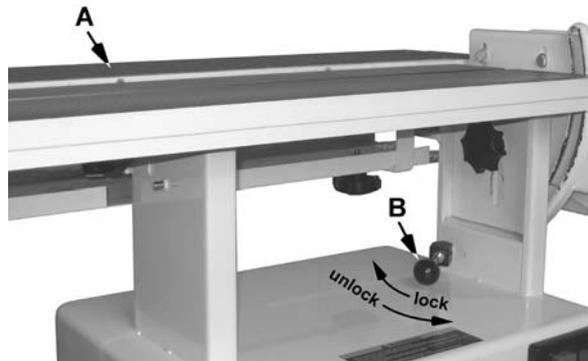


Figure 10

### Platen Lock Tension Adjustment

1. Disconnect the machine from the power source.
2. Loosen (unlock) the *handle* (B, Fig. 10) and place the platen in the horizontal position as shown in (A, Fig. 10). Do not lock.
3. Tension eccentric block by tightening the nut (B, Fig. 11) with a 14mm wrench. Turn the nut in by 1/4 turn increments and test locking handle for proper tension.

The *lock handle* is properly tensioned when it requires positive force to move the eccentric block (attached to the locking handle) from one side to the other. The platen and motor assembly must stay in a locked position without sliding once the handle has been moved to the locked position. Re-adjust as necessary.

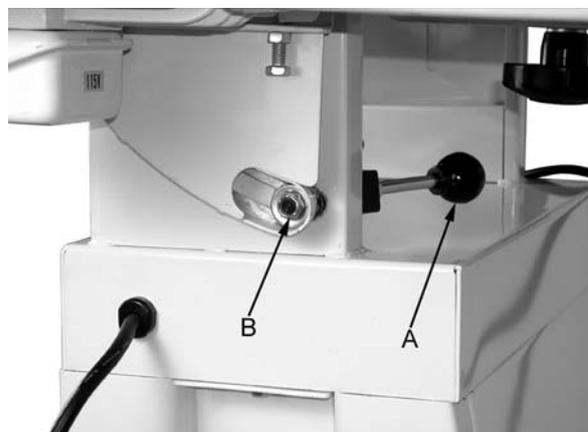


Figure 11

## Changing the Sanding Belt

Referring to Figure 12:

1. Disconnect the machine from the power source.
2. Lock the sanding platen in the vertical position (see the *Sanding Platen Angle Adjustment* section on page 12).
3. Release tension on the belt by loosening the *handle (C)*.
4. Loosen or remove the *lock knobs (B)* and remove the *belt guard (A)*.
5. Remove the old belt and install the new belt matching the direction of the arrows on the belt with the arrow label on the top of the platen.
6. Line up edge of belt with edge of rollers.
7. Place tension on the belt by moving the *tension arm handle (C)* to the *Tight* position.
8. Reinstall the *belt guard (A)* and tighten the *lock handles (B)*

**Note:** Belts stretch with wear. When a belt is replaced, you may have to adjust tracking.

## Belt Tracking Adjustment

The *Belt Tracking Adjustment* is a fine adjustment procedure. The *Motor Mount Tracking Adjustment* (following section) is a course adjustment.

To adjust the belt tracking:

1. Disconnect the machine from the power source.
2. Push the belt by hand from left to right (the direction indicated top of the platen) and observe the belt's position on the rollers. The oscillating movement of the belt is by design. Observe the belt's range of movement from its highest to lowest position. The edges of the belt should not have a tendency to move above or below the edges of the rollers.

If adjustment is still necessary:

3. Insert the round shaft of the *belt tracking tool* (provided) into the *micro adjust lock nut (A)* and turn away from you to loosen.
4. Turn the *micro adjusting screw (B)* in 1/4 turn increments until the belt tracks evenly on the rollers when rotated by hand.

Tip: Moving the belt tracking tool *away* from you *raises* the belt on the drum and *towards* you *lowers* the belt on the drum.

5. Tighten the micro adjusting nut (A).

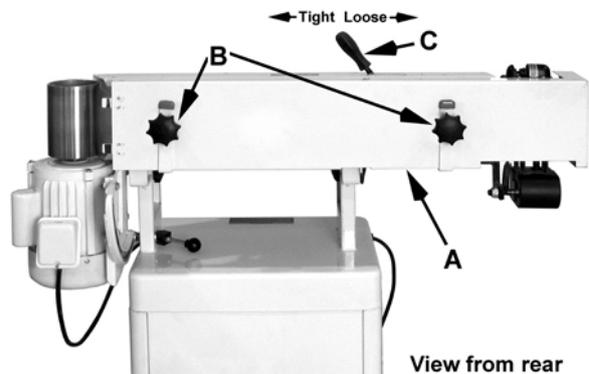


Figure 12

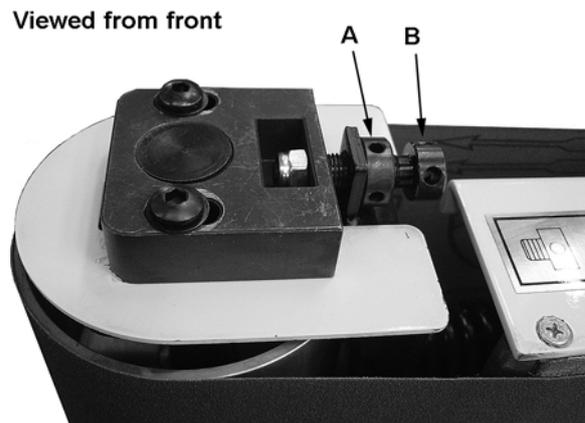


Figure 13

6. Connect the machine to power.
7. Turn on the power to the machine and observe the belt's up and down range of movement.  
Adjustment is correct when the edges of the belt do not move above or below the edges of the rollers.
8. When adjustment is complete, tighten the *micro adjust lock nut (A)*.

If the tracking cannot be corrected go to the *Motor Mount Tracking Adjustment* section (next page).

## Motor Mount Tracking Adjustment

Referring to Figure 14:

This machine comes with tracking adjustment bolts (A) on the motor plate. These are set at the factory and should not require any further adjustment. If, however, you are not able to track the belt with the *Belt Tracking Adjustment* described in the previous section, the motor mount bolts will have to be adjusted.

**Note:** The *Motor Mount Tracking Adjustment* is a *course* adjustment. Use the *Belt Tracking Adjustment* first for *fine* adjustment. If it cannot be adjusted, *then* use the procedure described below.

To adjust:

1. Disconnect the machine from the power source.
2. Slightly loosen the four *motor mount nuts* (B) just enough so the *tracking screws* (A) can be turned to make an adjustment.
3. Loosen the two *locking hex nuts* (C) that secure the *tracking screws* (A).
4. Turn one *screw* (A) a 1/4 turn and rotate the sanding belt by hand to observe which direction the adjustment is causing the belt to move. If it is traveling in the direction needed to correctly track the belt go to step 6.
5. If the belt starts to travel in the wrong direction, back off a quarter turn and *tighten the other screw* a quarter turn. This should start the belt moving in the proper direction.
6. Tighten both *locking nuts* (C) and *motor mount nuts* (B). Then return to the *Belt Tracking Adjustment* section (previous page) and again attempt to fine tune the tracking.

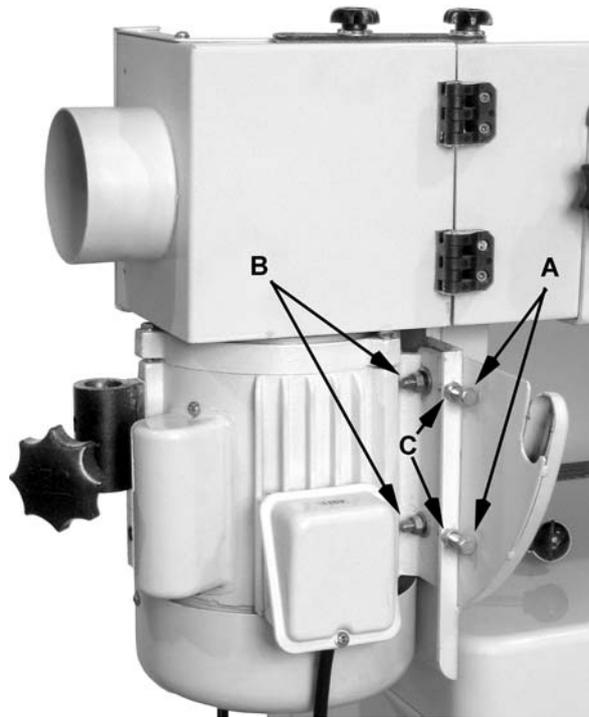


Figure 14

## Table Adjustment

**⚠WARNING** Do not position table below sanding belt! Keep an overlap of at least 1/16" between table and sanding belt to avoid material and/or fingers getting caught! Failure to comply may cause serious injury!

1. Loosen two lock knobs (A, Fig. 15).
2. Raise or lower work table to desired level.
3. Tighten two lock knobs.

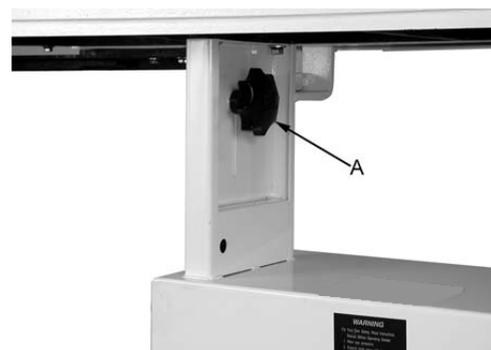


Figure 15

# Basic Operations

**⚠️WARNING** Removing the belt guard exposes more of the sanding belt! Replace the belt guards immediately after completing any sanding that requires its removal! Failure to comply may cause serious injury!

## Horizontal Sanding

For *horizontal sanding*, the *platen* is locked in the horizontal position as shown (F) and the *removable fence* (D) is secured to the *table* (E) as follows.

Referring to Figure 16:

1. Place 5/16 *flat washers* (not shown) and *guide blocks* (B) on two 12mm *lock knobs* (A) – Note: the 12mm refers to the threaded shaft length.
2. Insert the *guide blocks* (B) into the *miter slot* (C) and position the *lock knobs* (G) on the *table* (E) as shown.
3. Place the *removable fence* (D) on the table and secure by tightening the *lock knobs* (G, Fig. 16 and Figure 17).

The *backstop* (H, Fig. 17) can also be used by swiveling the *drum guard & dust port* (J, Fig. 17) out of the way and placing the backstop pin in the positioning hole and securing in place with the *lock knob* (K, Fig. 17) and 5/16" *flat washer*. **Note:** This is better shown in Figure 18. The *drum guard & dust port* (J, Fig. 17) can then be returned to the position shown.

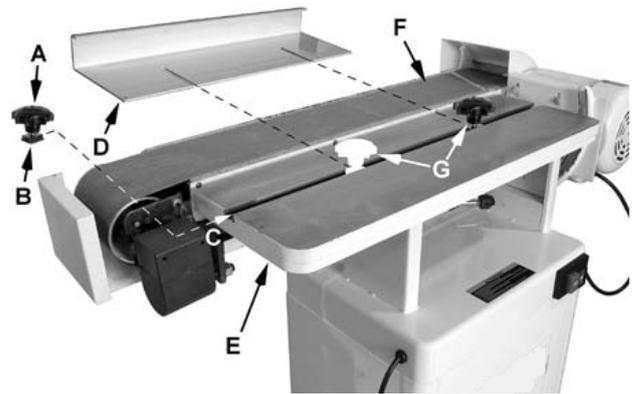


Figure 16

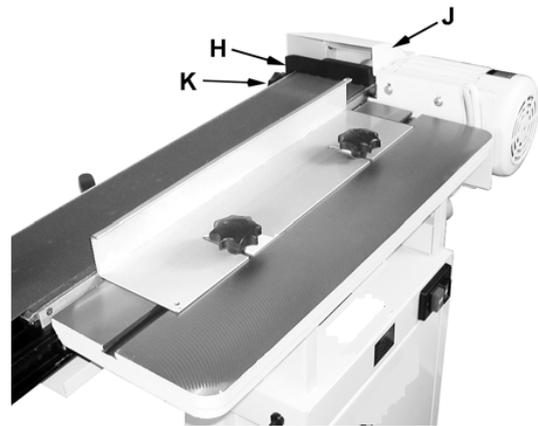


Figure 17

## Vertical Sanding

Referring to Figure 18:

For *vertical sanding*, the *platen* (G) is locked in the vertical position as shown and the *backstop* (H) and/or the *miter gauge* (B) may be used.

### Miter Gauge

1. Slide the *guide bar* (D) of the *miter gauge* (A) into the *miter slot* (C) on the table.
2. Set the miter angle; then secure the miter by tightening the *lock handle* (B).

### Backstop

Place the backstop pin in the positioning hole and secure in place with the *lock knob* (E) and 5/16" *flat washer* (F).

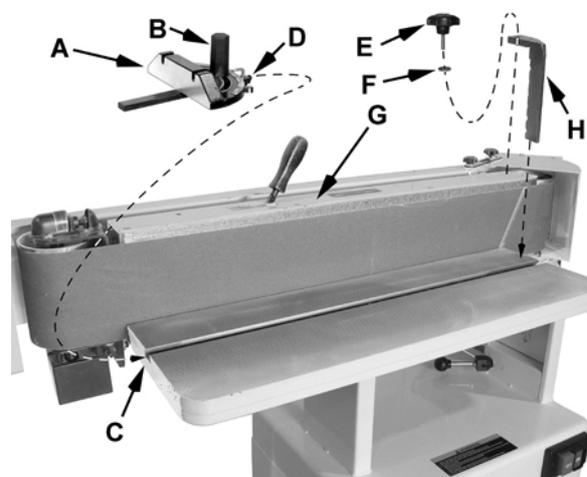


Figure 18

## Contour Sanding

Referring to Figure 19:

*Contour sanding* is done from the extension table mounted on the motor where the sanding belt wraps around the *drive drum* (D). To set up the sander for contour sanding:

1. Loosen the two *lock knobs* (C) that secure the *drum guard & dust port* (E).
2. Swing the *end guard* (E) back, bringing the *drive drum* (D) into view.
3. Tighten the *lock knobs* (C).
4. Mount the *extension table* (A) to the sander by inserting the *post* (B) into the *bracket* (F).
5. Set the table to the desired height, then secure into position by tightening the *lock knob* (G).

**Important:** When the *extension table* (B) is not in use, the *drum guard & dust port* (E) should always be in the closed position so the *drive drum* (D) is not in view.

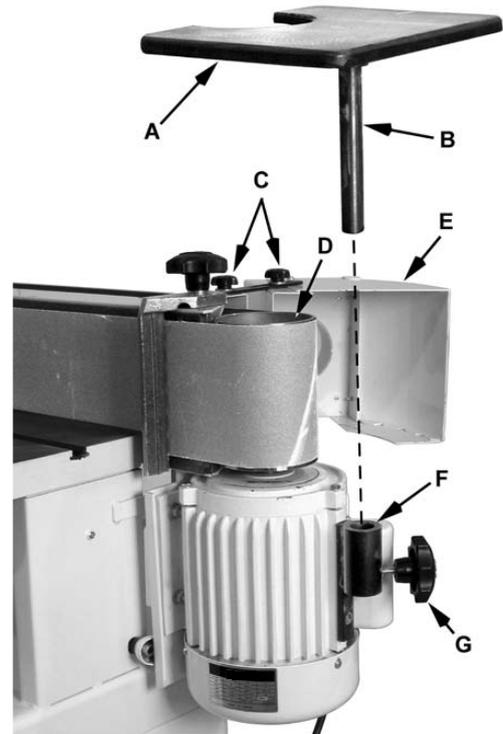
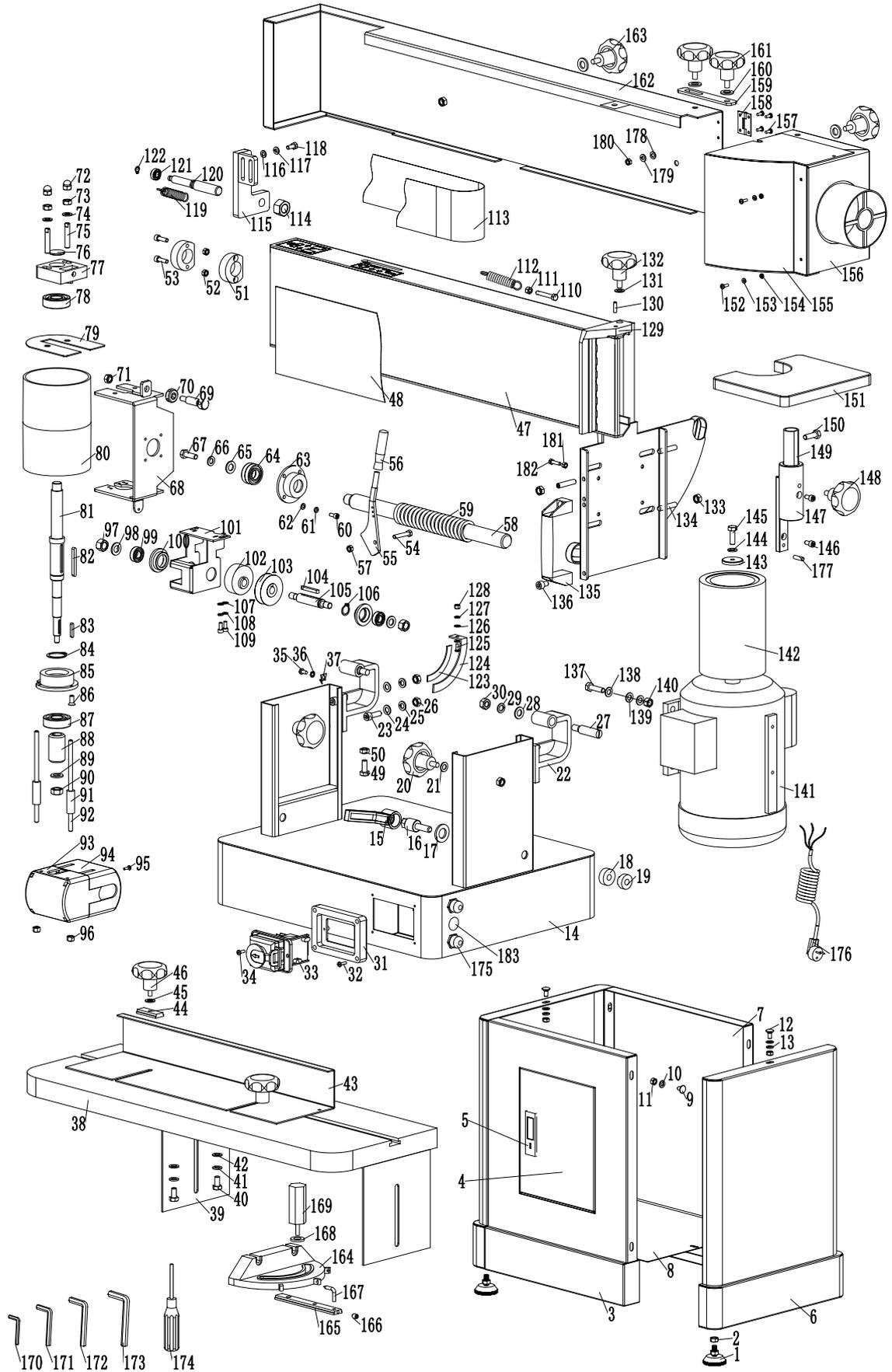


Figure 19

## Troubleshooting Operating Problems

Trouble	Possible Cause	Solution
Sander will not start	<ol style="list-style-type: none"> <li>1. Sander unplugged from wall or motor</li> <li>2. Fuse blown or circuit breaker tripped</li> <li>3. Cord damaged</li> </ol>	<ol style="list-style-type: none"> <li>1. Check all plug connections</li> <li>2. Replace fuse or reset circuit breaker</li> <li>3. Replace cord</li> </ol>
Sanding belt does not come up to speed	<ol style="list-style-type: none"> <li>1. Extension cord too light or too long</li> <li>2. Motor not wired for proper voltage</li> <li>3. Low current</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace with adequate size and length cord (see <i>Recommended Extension Cord Gauges</i> on page 6)</li> <li>2. Refer to motor junction cover for proper wiring</li> <li>3. Contact a qualified electrician</li> </ol>
Machine vibrates excessively	<ol style="list-style-type: none"> <li>1. Stand on uneven floor</li> <li>2. Motor mounts are loose</li> <li>3. Tension spring is worn or broken</li> </ol>	<ol style="list-style-type: none"> <li>1. Adjust stand so that it rests evenly on the floor</li> <li>2. Tighten motor mount bolts</li> <li>3. Replace spring</li> </ol>
Abrasive belt keeps tearing	<ol style="list-style-type: none"> <li>1. Belt is running in the wrong direction</li> </ol>	<ol style="list-style-type: none"> <li>1. Arrow on the sanding belt and machine should be pointing in the same direction.</li> </ol>
Sanded edge not square	<ol style="list-style-type: none"> <li>1. Table not square to sanding platen</li> </ol>	<ol style="list-style-type: none"> <li>1. Use a square to adjust table to sanding platen</li> </ol>
Sanding marks on wood	<ol style="list-style-type: none"> <li>1. Wrong grit sanding belt</li> <li>2. Feed pressure too great</li> <li>3. Sanding against the grain</li> </ol>	<ol style="list-style-type: none"> <li>1. Use coarser grit for stock removal and fine grit for finish sanding.</li> <li>2. Never force work into sanding platen</li> <li>3. Sand with the grain</li> </ol>

# Parts Diagram



## Parts List

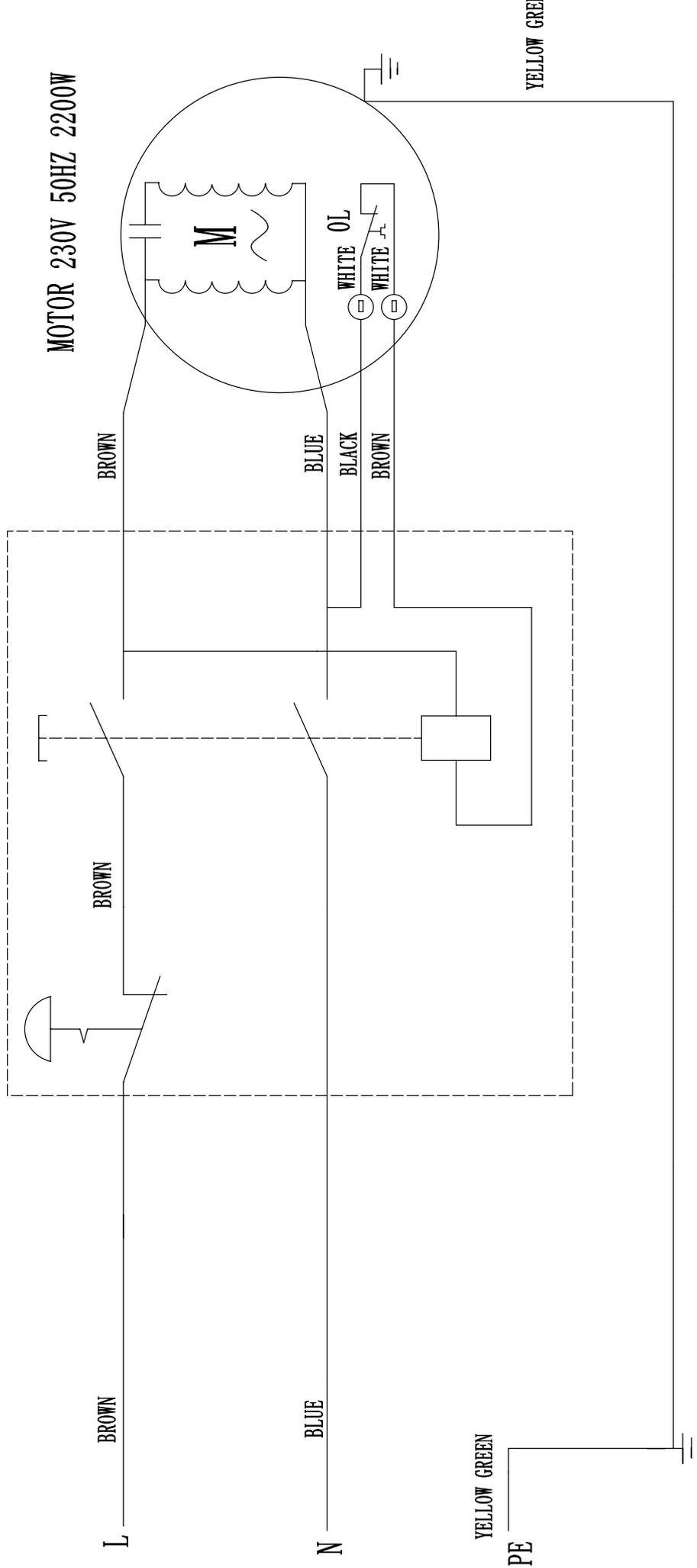
NO.	DESCRIPTION	Q'TY	NO.	DESCRIPTION	Q'TY
1	PAD	4	55	BELT TENSION ARM	1
2	NUT	8	56	TENSION ARM HANDLE	1
3	FRONT PANEL(W/DOOR)	1	57	LOCK NUT	1
4	DOOR	1	58	TENSION BAR	1
5	LATCH ASSEMBLY	1	59	SPRING	1
6	SIDE PANEL	2	60	ROUND HEAD SLOTTED MACHINE SCREW	4
7	REAR PANEL	1	61	LOCK WASHER	4
8	SHELF	1	62	FLAT WASHER	4
9	HEX CAP SCREW	10	63	BEARING HOUSING	1
10	FLAT WASHER	12	64	BALL BEARING	2
11	NUT	12	65	FLAT WASHER	1
12	HEX CAP SCREW	2	66	FLAT WASHER	1
13	LOCK WASHER	2	67	SOCKET HEAD CAP SCREW	1
14	BASE	1	68	IDLE DRUM BRACKET	1
15	BIG KNOB	1	69	TRACK ADJUSTING SCREW	1
16	LOCK BLOCK	1	70	TRACK ADJUSTING NUT	1
17	FLAT WASHER	1	71	NYLON INSERT LOCK NUT	1
18	NYLON WASHER	1	72	SPECIAL NUT	2
19	LOCK NUT	1	73	NUT	2
20	KNOB	2	74	FLAT WASHER	2
21	FLAT WASHER	2	75	DOUBLE-SCREW BOLT	2
22	ANGLE PLATE	2	76	DISC PLATE	1
23	ROUND HEAD SLOTTED MACHINE SCREW	4	77	TRACK ADJUSTING BLOCK	1
24	FLAT WASHER	4	78	BALL BEARING	1
25	LOCK WASHER	4	79	GUARD	1
26	NUT	4	80	IDLE DRUM	1
27	SCREW	2	81	DRIVE SHAFT	1
28	FLAT WASHER	2	82	KEY	1
29	LOCK WASHER	2	83	KEY	1
30	HEX NUT	2	84	RETAINING RING	1
31	SWITCH BOX	1	85	DOWN BEARING HOUSING	1
32	PAN HEAD SCREW	4	86	PH COUNTERSUNK HEAD SCREW	3
33	Emergency switch	1	87	BALL BEARING	1
34	TAPPING SCREW	2	88	WORM	1
35	PAN HEAD SCREW	1	89	FLAT WASHER	1
36	EXTERNAL TOOTH LOCK WASHER	1	90	LOCK NUT	1
37	POINTER	1	91	COLUMN	2
38	TABLE	1	92	DOUBLE-HEAD LEAD SCREW	2
39	UP-DOWN TABLE MOUNT PLATE	2	93	DUST HOOD BOX	1
40	SOCKET HEAD CAP SCREW	4	94	DUST HOOD COVER	1
41	FLAT WASHER	4	95	SOCKET HEAD CAP SCREW	4
42	LOCK WASHER	4	96	LOCK NUT	2
43	FENCE	1	97	LOCK NUT	2
44	GUIDE BLOCK	2	98	FLAT WASHER	2
45	FLAT WASHER	2	99	BALL BEARING	2
46	KNOB	2	100	BEARING HOUSING	2
47	PLATEN	1	101	GEAR HOUSING	1
48	GRAPHITE PAD	1	102	CAM	1
49	SOCKET HEAD CAP SCREW	1	103	WORM GEAR	1
50	NUT	1	104	KEY	1
51	RING	2	105	WORM GEAR SHAFT	1
52	LOCK NUT	4	106	RETAINING RING	1
53	ROUND HEAD SLOTTED MACHINE SCREW	4	107	FLAT WASHER	4
54	SOCKET HEAD CAP SCREW	1	108	LOCK WASHER	4

## Parts List

NO.	DESCRIPTION	Q'TY	NO.	DESCRIPTION	Q'TY
109	ROUND HEAD SLOTTED MACHINE SCREW	4	147	SUPPORTING SEAT	1
110	SPRING BOLT	1	148	KNOB	1
111	NUT	18	149	SUPPORTING ROD	1
112	SPRING	1	150	SOCKET HEAD CAP SCREW	1
113	SANDING BELT	1	151	EXTENSION TABLE	1
114	NUT	1	152	PHILLIPS SCREW	3
115	BRACKET	1	153	WASHER	3
116	FLAT WASHER	4	154	NUT	3
117	LOCK WASHER	4	155	DUST PORT	1
118	SOCKET HEAD CAP SCREW	4	156	DRUM GUARD	1
119	SPRING	1	157	CLINCH BOLT	8
120	LEAD SCREW	1	158	HINGE BRACKET	2
121	BALL BEARING	1	159	CONNECTION PLATE	1
122	RETAINING RING	1	160	FLAT WASHER	4
123	TILT ANGLE SCALE LABEL	1	161	KONB	2
124	TILT SCALE	1	162	SANDING BELT COVER	1
125	PAN HEAD SCREW	1	163	KONB	2
126	FLAT WASHER	2	164	MITER GAUGE BODY	1
127	LOCK WASHER	1	165	GUIDE BAR	1
128	NUT	1	166	SOCKET HEAD CAP SCREW	1
129	BRACKET	1	167	POINTER	1
130	PIN	1	168	FLAT WASHER	1
131	FLAT WASHER	1	169	KNOB	1
132	KNOB	1	170	INNER HEXAGON SPANNER 3	1
133	NUT	3	171	INNER HEXAGON SPANNER 4	1
134	PAN HEAD SCREW	3	172	INNER HEXAGON SPANNER 5	1
135	HANDLE	1	173	INNER HEXAGON SPANNER 6	1
136	ROUND HEAD SLOTTED MACHINE SCREW	2	174	PHILLIPS SCREWDRIVER	1
137	SOCKET HEAD CAP SCREW	4	175	STRAIN RELIEF	3
138	FLAT WASHER	8	176	PLUG	1
139	LOCK WASHER	4	177	SOCKET HEX HEAD BOLT M8X12	1
140	NUT	4	178	FLAT WASHER 6	4
141	MOTOR	1	179	SPRING WASHER 6	4
142	DRIVE DRUM	1	180	HEX NUT M6	4
143	WASHER	1	181	HEX NUT M6	4
144	LOCK WASHER	1	182	HEX HEAD SCREW M6X16	4
145	SOCKET HEAD CAP SCREW	1	183	PLASTIC INSERT	1
146	ROUND HEAD SLOTTED MACHINE SCREW	2			

CTB MM2315K

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MOTOR 230V 50HZ 2200W

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**WARRANTY**

# WARRANTY

## 1. WARRANTY

- (a) We warrant that this **carbatec** product will be free from defects caused by faulty workmanship or faulty materials for a period of **3 years from date of sale**.
- (b) This warranty is in addition to other rights and remedies you may have under a law in relation to the goods.
- (c) This warranty does not apply in any of the following cases:
  - (i) defects arising from:
    - (1) fair wear and tear;
    - (2) corrosive atmosphere;
    - (3) damage or injury caused by deliberate act, lack of care or failure to comply with the recommended care and maintenance for the goods;
    - (4) improper use of the goods;
    - (5) alterations or repairs (not made by us) to the goods;
  - (ii) defects arising from an event outside of our control such as fire, flood, earthquake or other natural calamity, motor vehicle or other accident, strike, civil unrest, terrorism or war;
  - (iii) to accessory items such as after-market jigs, accessories or other items which are not sold or serviced by us and which are not sold with or were not included with the main unit purchased; or
  - (iv) to wearable parts such as drive belts/shafts, bearings, bandsaw tyres, motor brushes, blades or abrasive belts/discs or other cutting or machining implements.
  - (v) damage caused to any electrical component, where connected to a power supply outside the country for which it was designed (namely Australia or New Zealand).
- (d) If this warranty applies and you have complied with the procedure below for making a claim, we will, at our election, either repair the goods (or those parts of the goods recognised as defective) or will provide a replacement within a reasonable time at our expense.
- (e) If this warranty applies, the procedure for making a claim is:
  - (i) you must contact us by email;
  - (ii) you must include in the email the following information:
    - (1) a copy of the order or receipt for the goods;
    - (2) the serial or batch number printed on the machinery manufacturing plate; and
    - (3) a detailed description of the fault and how and when it arose; and
  - (iii) if the fault is a type covered by this warranty, we will then make arrangements with you for the return of the goods to us (for repair or replacement) at our cost using our transport providers or we may decide to attend at your premises to repair or replace the goods.
- (f) Our liability (and that of our resellers) under this warranty is wholly limited to repair or replacement of the goods (or those parts of the goods recognised as defective) in accordance with the procedure above and you have no right to other compensation, costs or damages under this warranty. But this does not mean that you may not have other rights under a law in relation to the goods.
- (g) If following our inspection of goods returned by you under this warranty it is found that this warranty does not apply and you are not otherwise entitled to repair or replacement by us, you must, if requested by us, reimburse our costs including parts, labour and freight.
- (h) This warranty is not transferable and only the person who purchased the goods may make a claim.
- (i) Where the goods have been exported outside Australia or New Zealand, the Company may not require the Purchaser to return any allegedly faulty or defective Product for evaluation. However, the Company has the right to request the return for evaluation at purchasers cost.

## 2. STATUTORY NOTICE

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

## 3. CONTACT DETAILS

Carbatec Pty Ltd ABN 84 010 706 242

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100 Industrial Road, Wacol, QLD, Australia 4154

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**carbatec**