

Clarke®



BANDSAW

MODEL NO: CBS190B

PART NO: 6460132

OPERATION & MAINTENANCE INSTRUCTIONS



GC0816

INTRODUCTION

Thank you for purchasing this CLARKE Bandsaw.

Before attempting to operate the machine, it is essential that you read this manual thoroughly and carefully follow all instructions given. In doing so you will ensure the safety of yourself and that of others around you, and you can also look forward to the product giving you long and satisfactory service.

GUARANTEE

This CLARKE product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

ENVIRONMENTAL RECYCLING POLICY

Recycle unwanted materials instead of disposing of them as waste. All unwanted accessories and packaging should be sorted and taken to a recycling centre for disposal in a manner which is compatible with the environment.



Through purchase of this product, the customer is taking on the obligation to deal with the WEEE in accordance with the WEEE regulations in relation to the treatment, recycling & recovery and environmentally sound disposal of the WEEE.

In effect, this means that this product must not be disposed of with general household waste but according to the laws governing Waste Electrical and Electronic Equipment (WEEE) at a recognised disposal facility.

SAFETY WARNINGS



CAUTION: FAILURE TO FOLLOW THESE PRECAUTIONS COULD RESULT IN PERSONAL INJURY, AND/OR DAMAGE TO PROPERTY.

WORK ENVIRONMENT

1. **Keep the work area clean and well lit.** Cluttered and dark areas invite accidents.
2. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
3. **Keep children and bystanders away while operating a power tool. Anyone entering the work area must wear personal protective equipment.**
Distractions can cause you to lose control and fragments of work or a broken disc may fly away and cause injury.
4. **Store power tools properly when not in use.** Abrasive products should be stored in a dry, secure place out of the reach of children.
5. Please read these instructions carefully and retain for future reference.

ELECTRICAL SAFETY

1. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce the risk of electric shock.
2. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
3. **Do not abuse the power cable. Never use the cable for carrying, pulling or unplugging the power tool. Keep the cable away from heat, oil, sharp edges or moving parts.** Damaged or entangled cables increase the risk of electric shock.
4. **When operating a power tool outdoors, use an extension cable suitable for outdoor use.** Use of a cable suitable for outdoor use reduces the risk of electric shock.

PERSONAL SAFETY

1. **Stay alert, watch what you are doing and use common sense when operating a power tool.** Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in personal injury.

2. **Use personal protective equipment.** Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hearing protection and a workshop apron capable of stopping small abrasive or workpiece fragments.
3. **Avoid accidental starting.** Ensure the switch is in the off position before plugging in. Plugging in power tools that have the switch on invites accidents.
4. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
5. **Do not overreach.** Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations. Dress properly. Do not wear loose clothing or jewellery.
6. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts. Keep the work area clean and tidy.
7. Regularly clean the power tool's air vents. The motor fan will draw dust inside the housing and accumulation of material could cause electrical hazards.
8. **Avoid operator fatigue.** Stop the power tool at regular intervals for a short break to rest hands and arms.
9. **Maintain your tools.** Keep all handles and grips dry and clean.

ELECTRICAL SAFETY

1. Position the power cable so that it cannot be inadvertently pulled or pinched, and where it does not cause a trip hazard.
2. This machine is designed for indoor environments and must not be used for other purposes.
3. If the machine requires repair, always contact your Clarke dealer. Always insist on original spare parts. Repairs carried out by unauthorized persons may be dangerous and invalidate the guarantee.
4. This machine must only be used by adults. Children should not be allowed to play with this appliance.
5. Do not use extension power cables.
6. Before cleaning or maintenance operations, always unplug the machine from the power supply.

POWER TOOL USE AND CARE

1. **Do not force the machine.** Use the correct power tool for your application. It will do a better and safer job at the rate for which it was designed.

2. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
3. **Disconnect the power tool from the power supply before making any adjustments, changing accessories, or storing the tool.** These measures will reduce the risk of the power tool starting accidentally.
4. **Store power tools out of the reach of children and do not allow persons unfamiliar with these instructions to operate the power tool.** Power tools are potentially dangerous in the hands of untrained users.
5. **Maintain power tools in top condition.** Keep tools/ machines clean for the best and safest performance. Check for misalignment or binding of moving parts, broken parts, or any condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
6. **Use recommended accessories.** The use of improper accessories could be hazardous.
7. **Machine cleanliness.** Do not allow the ventilation slots in the machine to become blocked with dust.
8. **Check the power tool for damage before using the machine.** Any damaged part should be inspected to ensure that it will operate properly and perform its intended function. Check for alignment of moving parts, breakage of parts, mountings, and any other condition that may affect the machine's operation. Any damage should be properly repaired or the part replaced. If in doubt, DO NOT use the machine. Consult your local dealer.

SERVICING

1. **When necessary, have your power tools serviced or repaired by a qualified person using identical replacement parts.** This will ensure that the safety of the power tool is maintained.

ADDITIONAL PRECAUTIONS FOR BANDSAWS

1. Always check safety guards are closed and secure before switching the machine on.
2. Always use a push stick and fence with small workpieces wherever practical.
3. Always use the appropriate saw blade for the material being cut.
4. Always wear gloves for handling the saw band and rough material.
5. Never use the machine if the electric cable or plug is in poor condition.
6. Never attempt any maintenance or adjustments of the band when it is in motion.

7. Never touch the blade immediately after use, when changing the blade always allow time for it to cool.
8. Never use damaged blades. (Replacement blades are available from your Clarke dealer.
9. Replace table insert if the slot has become enlarged.
10. When cutting wood, ensure all nails or fastenings have been removed beforehand. Nails will damage the saw blade.
11. When cutting round timber stock, use a suitable jig or fixture to keep the work from turning.
12. Always ensure the blade is fully tightened and correctly adjusted before use.
13. Keep the mains cable well away from the machine and ensure an adequate electrical supply is close at hand so that the operation is not restricted by the length of the cable.
14. Switch the machine off as soon as the task is completed.

SAFETY SYMBOLS

The following safety symbols may be found on the machine.



Wear a dust mask



Wear eye protection



Read instruction manual before use

SPECIFICATION

	CBS190B
Weight	16.5 kg
Dimensions (W x D x H)	456 x 404 x 710 mm
Table Size (W x D)	305 x 305 mm
Table tilt angle	0 - 45°
Mitre Gauge Range	Left 60° / Right 60°
Maximum Cutting Width@90°	190 mm
Maximum Cutting Depth@45°	40 mm
Maximum Cutting thickness@90°	80mm
Maximum Cutting thickness@45°	40mm
Height of Fence	50 mm
Rated Power	350 W
Blade Speed (no load)	14.7 m/sec
Duty Cycle	S1 continuous
Sound Pressure Level (Lp)	67.5 dB(A)
Sound Power Level Measured (Lw)	80.0 dB(A)
Power Supply	230V/50Hz
Blade Type	
Blade Length (welded loop)	1425 mm
Blade Width	6.35 mm
Blade Tooth Pitch	6 tpi
Blade thickness	0.3 mm

ELECTRICAL CONNECTIONS



WARNING! Read these electrical safety instructions thoroughly before connecting the product to the mains supply.

Before switching the product on, make sure that the voltage of your electricity supply is the same as that indicated on the rating plate. This product is designed to operate on 230VAC 50Hz. Connecting it to any other power source may cause damage.


This product may be fitted with a non-rewireable plug. If it is necessary to change the fuse in the plug, the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a suitable replacement is obtained.

If the plug has to be changed because it is not suitable for your socket, or due to damage, it should be cut off and a replacement fitted, following the wiring instructions shown below. The old plug must be disposed of safely, as insertion into a mains socket could cause an electrical hazard.

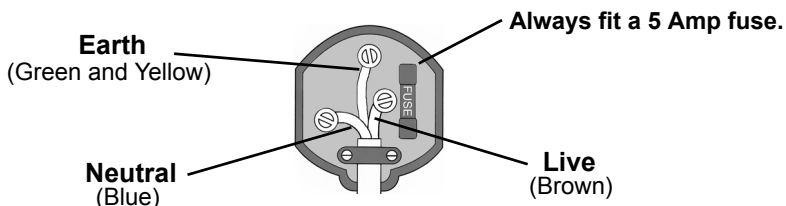


**WARNING! The wires in the power cable of this product are coloured in accordance with the following code:
Blue = Neutral Brown = Live Yellow and Green = Earth**

If the colours of the wires in the power cable of this product do not correspond with the markings on the terminals of your plug, proceed as follows.

- The wire which is coloured **Blue** must be connected to the terminal which is marked **N** or coloured **Black**.
- The wire which is coloured **Brown** must be connected to the terminal which is marked **L** or coloured **Red**.
- The wire which is coloured **Yellow and Green** must be connected to the terminal which is marked **E** or  or coloured **Green**.

Plug must be BS1363/A approved.

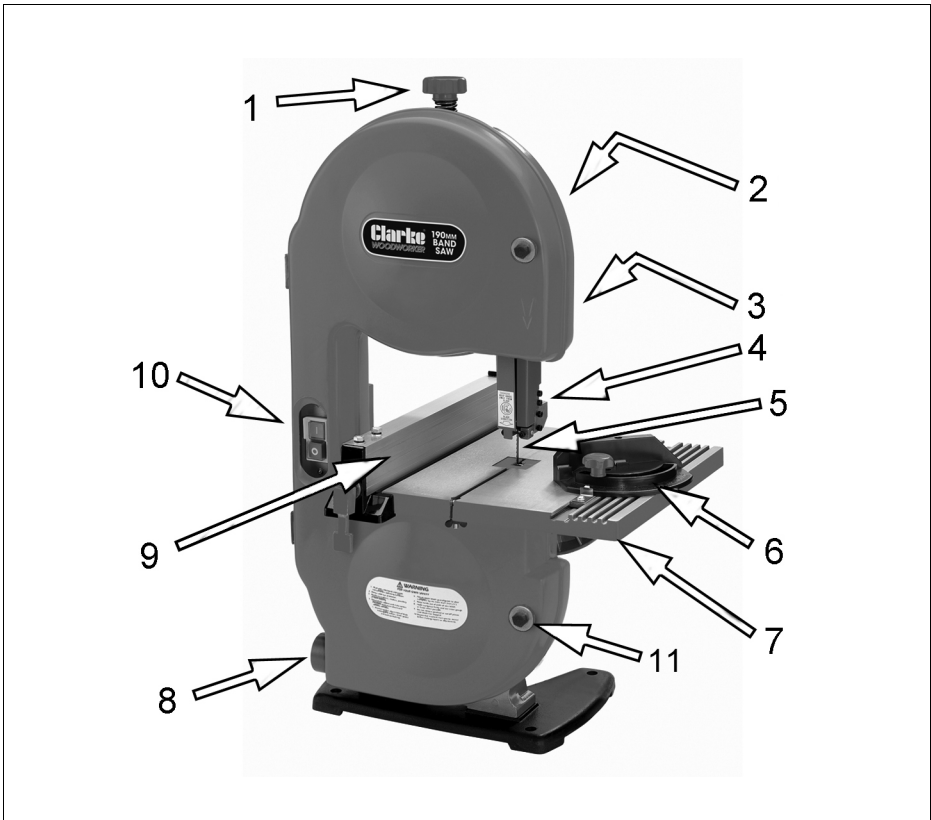


Ensure that the outer sheath of the cable is firmly held by the clamp

We strongly recommend that this machine is connected to the mains supply via a Residual Current Device (RCD)

If in any doubt, consult a qualified electrician. DO NOT attempt any repairs yourself.

OVERVIEW



No	DESCRIPTION
1	Blade Tension Setting Knob
2	Belt Tracking Knob
3	Guide Height Setting Knob
4	Adjustable Blade Guide Assy
5	Blade
6	Mitre Gauge Assembly

No	DESCRIPTION
7	Tilting Work Table
8	Dust Extract Port
9	Rip Fence
10	Start/Stop Buttons
11	Cover Securing Bolts

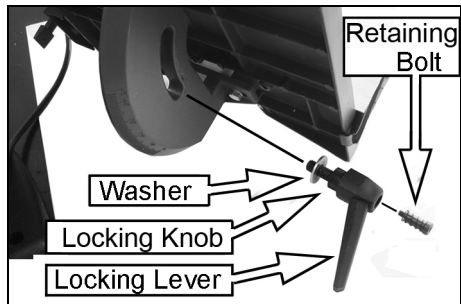
ASSEMBLY

PREPARATION

- Make sure that all parts are un-damaged and are present. If any parts are missing or damaged please contact your CLARKE dealer immediately.
- For maximum stability, the bandsaw should be bolted to either a workbench, a suitable stand, or a piece of plywood, and the plywood then clamped firmly to a workbench using clamps, while the bandsaw is being used.
- The saw must be located in an area large enough to allow you to work freely, taking into account the size of your workpiece and that there is adequate lighting.
- Make sure that the electrical supply is close by. Take extra care if extension leads are used. Make sure that there is no possibility of tripping over the lead when moving around the work area.

FITTING THE TABLE

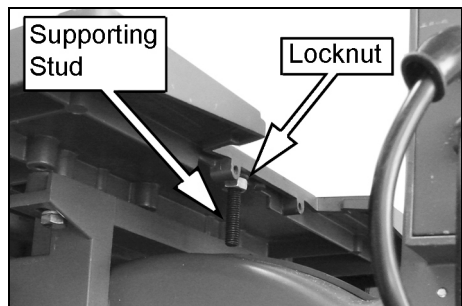
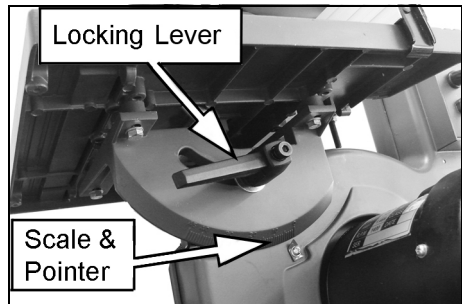
1. Fit the work table to the bandsaw using the table locking lever components.
2. Screw the locking knob and washer finger tight to the frame to secure the table.
3. Add the locking lever and its retaining bolt to the locking knob, tightening the retaining bolt gently with the hex wrench.
4. Check that the table can still move when the locking lever is loosened.
5. Ensure the saw blade is central in the table insert.



ADJUSTING THE COMPONENTS

SETTING THE TABLE

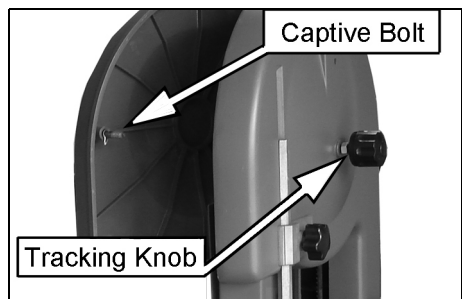
1. Loosen the locking lever to set the table to the desired angle.
2. Use the angle scale and pointer on the table tilting bracket to find the desired angle.
3. Re-tighten the locking lever to secure the table.
 - For assured accuracy, we recommend checking the tilt angle using a protractor or set square.
4. With the table exactly level, it should rest on the supporting stud shown. Adjust the height of the stud by screwing it in or out of the table and securing with the locknut.
5. Check with a set square against the blade that the table is exactly level when resting on the stud.



TRACKING THE SAW BLADE

If the saw blade does not run in the centre of the rubber tyres, the tracking needs to be corrected by adjusting the tilt of the upper bandsaw wheel.

1. Open the upper and lower covers by releasing the 10mm captive bolts.
2. Rotate the wheels by hand, taking care of the sharp blade and check that the blade tracks centrally on both wheels.
3. Turn the tracking knob clockwise or anticlockwise until the blade tracks centrally and without fouling on the blade guide parts including the guard.
4. When satisfied that the tracking is correct, close the covers.

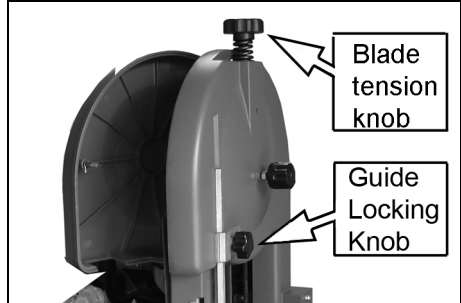


ADJUSTING THE BLADE TENSION



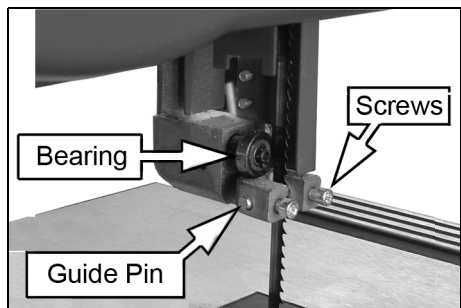
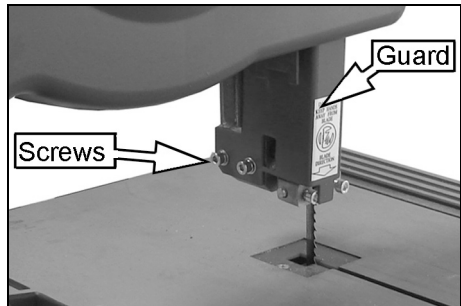
CAUTION: TOO MUCH TENSION CAN CAUSE THE SAW BLADE TO BREAK.
TOO LITTLE TENSION CAN CAUSE THE BLADE TO MAKE IRREGULAR CUTS

1. Slacken the locking knob and raise the upper blade guide fully.
2. Check the tension by pressing with a finger against the side of the blade, halfway between the table and upper guide.
 - The blade should not flex more than 2 mm.
3. Turn the blade tension knob to adjust tension.
 - Turning the blade tension knob clockwise will increase the blade tension.

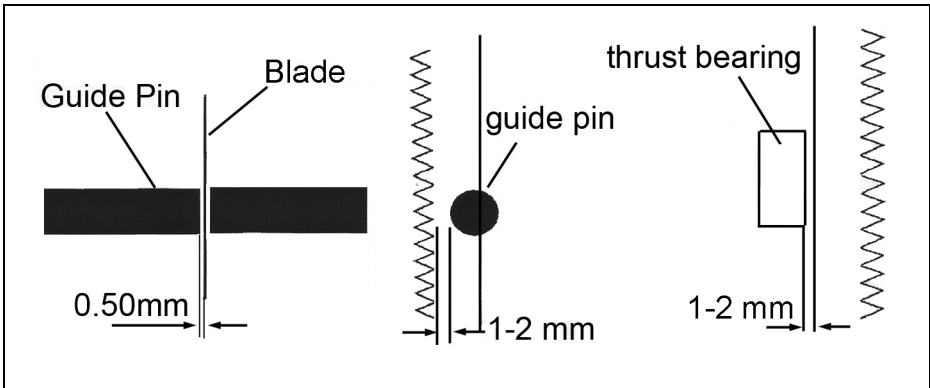
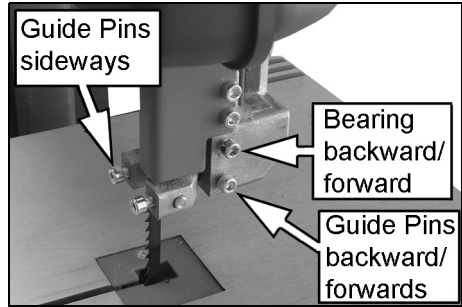


UPPER BLADE GUIDE ADJUSTMENTS

1. Unfasten the two screws and lift away the removable guard to afford a good sight of the components.
 - The side guide pins should be 0.5 mm from the sides of the blade and closer to the rear edge than the front as shown in the diagram.
 - Slacken off the two screws using a hex key and position each side guide pin so that they almost touch the blade as shown below.
2. Check the clearances between the blade and the components shown and adjust the blade guides if required.



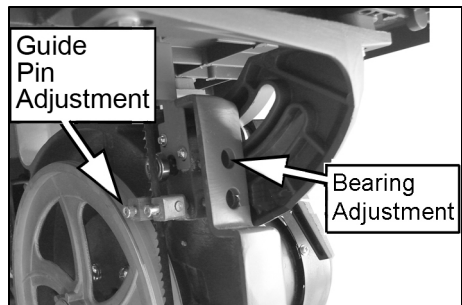
- Slacken off the single screw using a hex key and position the bearing carrier so that the bearing is positioned 1-2mm behind the saw blade.
- The blade will touch the bearing when the saw is in use.



LOWER BLADE GUIDE ADJUSTMENTS

The lower blade guide should also be adjusted after any blade change or tracking adjustment. The component parts are similar to the upper guides.

1. With the doors open, check the guide pins are the correct distance from the blade.
2. Check the blade is the correct distance from the bearing as shown above.



- The bearing can be adjusted using the screws which are accessible through the holes in the casing shown.

PREPARING FOR WORK

STARTING AND STOPPING THE SAW

1. Press the green button to start the bandsaw.
2. To stop the saw at any time, press the red stop button.



USING THE RIP FENCE

The fence can be used on either side of the saw blade. See Rip Cutting on page 16.

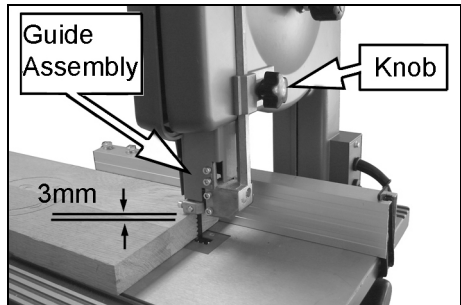
1. Engage the fence with the table and move to the required position. Secure with the locking lever.
2. Ensure the fence is parallel with the grooves in the table.
3. Press down the locking lever to clamp the fence in position.



USING THE MITRE GAUGE

The mitre gauge is inserted into the table slot from either edge and can be turned to 60° in either direction.

1. To set a mitre angle, loosen the lock knob by turning it counter-clockwise. Tighten to secure the mitre gauge in position. Check the angle with a protractor for greater accuracy.



UPPER BLADE GUIDE HEIGHT ADJUSTMENT

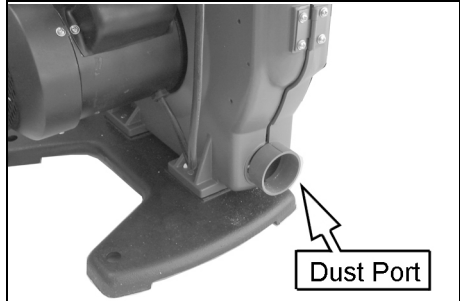
The height of the blade guide needs to be adjusted prior to every cutting operation to accommodate the height of the workpiece.

The upper blade guide should be set approx 3 mm above the workpiece.

1. Set the upper blade guide with the adjusting knob to the desired height by loosening the knob and re-tightening after adjustment.

CONNECTING TO A DUST COLLECTOR

This bandsaw is fitted with a dust port for connection to a vacuum cleaner or dust collector such as the Clarke CDE35 if available.



PRACTICAL OPERATION

Before commencing work, ensure the work area is clean and tidy and the work table is clear of tools etc. Plan your work carefully and set the bandsaw up accordingly before switching on.

- Check the blade is correctly tensioned before use (see page 12).
- Adjust the height of the upper blade guide to approx 3mm or as close as practical to the workpiece. This provides the best safety for the operator and giving more accurate results and greater control.
- Switch on and allow the saw blade to reach full speed before cutting.
- Use both hands to feed the workpiece. The work must be held flat on the table at all times to prevent binding of the blade. Use a steady, even pressure, just sufficient to keep the blade cutting.
- Always use the rip fence or mitre gauge where possible to eliminate any sideways movement of the work. This is most important when the table is tilted at an angle.
- Remember that the blade removes material during the cut creating a gap called the 'kerf', which must be allowed for, when cutting to exact sizes. Plan your cut so that the kerf is the scrap side of the line you wish to cut. Where necessary, allow a little more material for finishing.
- Always use a suitable holding device when cutting round or irregular shaped timber to prevent twisting of the work piece.

TYPES OF CUT

Several types of cut are possible with this bandsaw i.e. rip cutting, cross cutting, bevel or mitre cutting.

RIP CUTTING

This term refers to cutting timber in the same direction as the grain, rather than across it. You can rip wood freehand to a drawn pencil line, but best results are obtained by using the rip fence.

If the table is set level, set the rip-fence to the left hand side of the blade, allowing you to use your right hand to hold the work firmly against the fence.

When cutting a bevel rip, with the table tilted at any angle up to 45°, set the rip fence to the right hand side of the blade if the width of the workpiece allows it. With the fence on the 'downhill' side of the table, it will help support the workpiece.

Long workpieces may require additional support in the form of blocks or rollers and may be pulled as well as pushed to pass them through the bandsaw.

CROSS CUTTING

This term refers to cutting timber at right angles to the grain. This type of cut can also be made freehand, but the mitre gauge is used to ensure accurate results. The mitre gauge can be adjusted up to 60° to produce mitre cuts, and with the table tilted, compound mitre cuts.

Make sure the work is held firmly against the table and against the face of the mitre gauge. Be careful to keep your fingers away from the blade, particularly at the end of the cut.

MITRE CUTTING

Most crosscut work, especially with small pieces is more easily controlled with the use of a mitre gauge. The mitre gauge is also essential for accurate compound mitre cuts. The gauge is graduated to 60° for both left and right hand angles.

FREEHAND CUTTING

The ease with which many different and varied shapes can be cut is one of the most important features of the bandsaw.

When freehand cutting, always feed the work slowly so that the blade can follow the line you wish to cut. Make sure not to drag the work off line, forcing the blade sideways or twisting it.

In many cases, it is helpful to rough cut about 6mm away from the line. For small curves which may be too tight for the blade, make relief cuts at 90° to the face of the curve so that these scraps fall away as the final radius is sawn.

The blade has a minimum radius which it will be able to cut, dependant upon its width. The blade supplied is 6.35mm wide and able to cut as little as 25mm radius, beyond which the stress may cause it to break. If using a different blade, a bandsaw blade radius chart should be consulted.

MAINTENANCE



WARNING: ALWAYS SWITCH OFF THE MACHINE AND DISCONNECT FROM THE POWER SUPPLY BEFORE CARRYING OUT ANY CLEANING OR MAINTENANCE TASKS.

CLEANING

Accumulated dust and chips should be removed from inside the bandsaw frequently. Open the upper and lower covers, use a soft brush and/or vacuum cleaner to remove sawdust. If compressed air is used, ensure it is set to no more than 10 psi.

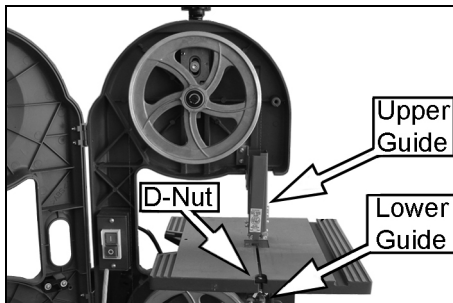
At the end of every work session, clean sawdust away from the motor vents.

CHANGING THE SAW BLADE



WARNING: THE TEETH OF THE BLADE ARE SHARP. TAKE CARE WHEN HANDLING THE BLADE IN SITUATIONS SUCH AS UNPACKING, MOUNTING OR REPLACING.

1. Remove the D-nut/screw from the table.
2. Open the upper and lower covers.
3. Set the upper blade guide to its lowest position.
4. Loosen the tension knob until the saw blade has slackened.
5. Remove the saw blade from the machine.
6. Fit a fresh saw blade, aligning it with the upper and lower blade guides. Centre the blade on the rubber tyres of the wheels.
7. Tighten the blade tension knob.
8. Align the blade tracking as described on page 11
9. Close the upper & lower covers.
10. Adjust the blade tension as described on page 12.
11. Adjust the upper and lower blade guides as described on pages 12-13.



BLADE GUIDES

Blade guides should be inspected regularly for wear or chipping, and replaced if necessary. See pages 12-13 for blade guide adjustments.

BEARINGS

All bearings used in the construction of your bandsaw and its motor are sealed and lubricated for life.

STORAGE

Switch off the bandsaw and disconnect the power cable. Cover the machine with a plastic bag and store it in a dry location.

OPTIONAL ACCESSORIES

REPLACEMENT BLADES

Suitable blades are available from your Clarke stockist: Part No6469010

DUST EXTRACTORS

A choice of dust extractors is available for this bandsaw including

CDE35 Portable Dust Extractor & Chip Collector



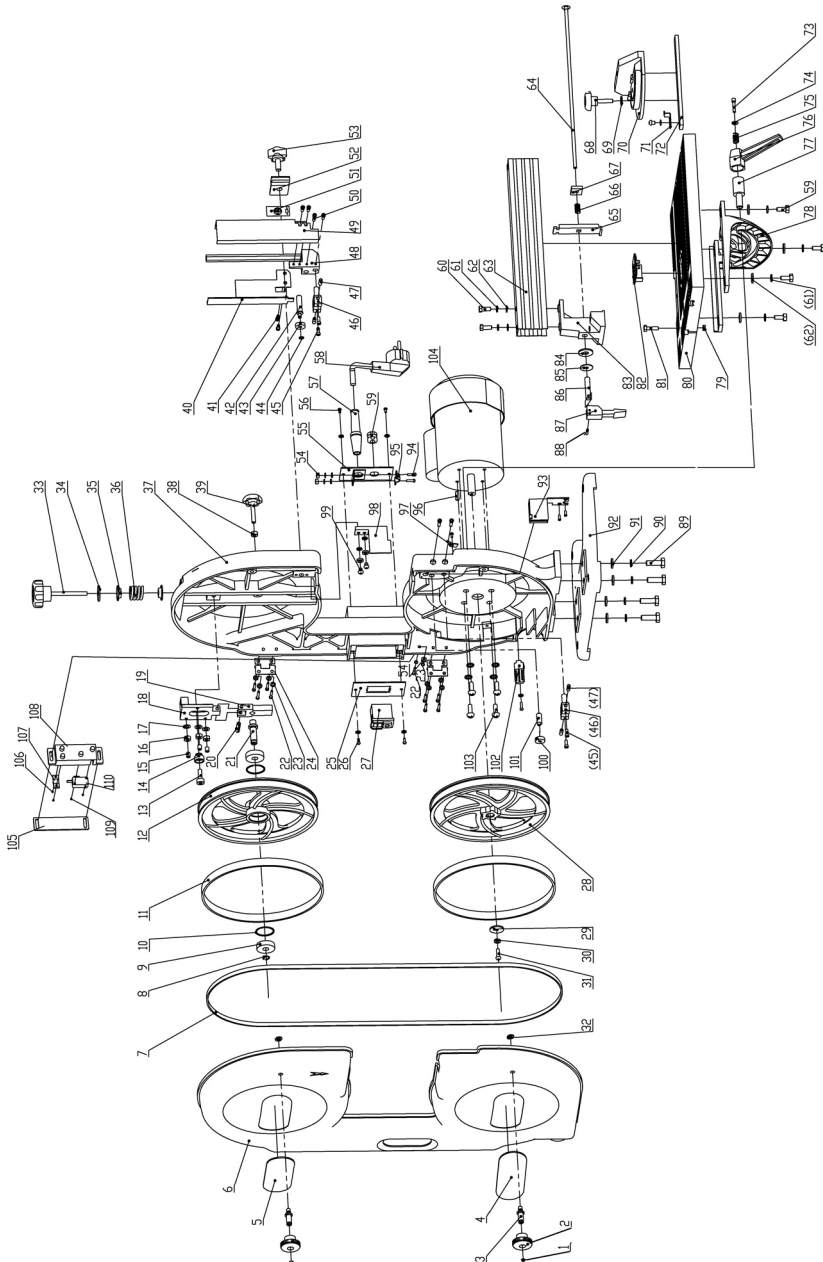
CDE1000 Portable Dust Extractor



TROUBLESHOOTING

Problem	Check	Solution
The unit fails to operate.	<ol style="list-style-type: none"> 1. Check for power failure if the unit is plugged in. 2. Check the switch is on and that the fuse is not blown. 3. Door interlock switch not engaged. 	<ol style="list-style-type: none"> 1. Plug the unit into the socket. 2. Switch on or replace fuse. 3. Check that upper/lower doors are fully closed.
Blade breaks.	<ol style="list-style-type: none"> 1. Faulty alignment (tracking). 2. Blade guides incorrectly adjusted. 3. Feeding the work too fast. 4. Forcing or twisting the blade around a tight radius. 5. Blade too tight. 6. Blunt teeth. 7. Blade is badly welded or brazed. 8. Wrong blade fitted. 9. Bandsaw left running when not in use. 	<ol style="list-style-type: none"> 1. Carry out tracking adjustments (p13). 2. Readjust blade guides (p14/15). 3. Lower the feed rate. 4. For tight curves, make relief cuts fairly close together at 90° to the curve. A narrower blade will make a tighter curve. 5. Relieve blade tension. 6. Renew blade. 7. Renew blade. 8. Fit only quality blades supplied by your Clarke dealer. 9. Always switch machine off when not in use.
Noise or vibration.	<ol style="list-style-type: none"> 1. Blade not correctly aligned. 2. Guides not securely set. 	<ol style="list-style-type: none"> 1. Carry out tracking adjustments (p13). 2. Tighten the locking knob. Check guides are correctly set.
Blade runs off the cutting line.	<ol style="list-style-type: none"> 1. Blade guides incorrectly adjusted. 2. Blade tracking mal-adjusted 3. Blade tension too slack. 4. Wrong blade fitted (too thin). 	<ol style="list-style-type: none"> 1. Re-adjust blade guides. 2. Carry out tracking adjustment (p13). 3. Re-tension blade. 4. Fit correct blade.

PARTS DIAGRAM



PARTS LIST

PART NO	DESCRIPTION	PART NO	DESCRIPTION
1	Washer	35	Spring Base
2	Plastic knob	36	Spring
3	Stud	37	Body
4	Brand Label	38	Nut M8
5	Spec Label	39	Tracking Knob
6	Housing Cover	40	Fixed Guard Plate
7	Bandsaw Blade	41	Socket head bolt M4x10
8	Circlip	42	Eccentric Shaft
9	Bearing 6200-2Z	43	Bearing 623-2Z
10	Snap Ring 30mm	44	Circlip 5mm
11	Drive Belt	45	Socket head bolt M4x8
12	Driven Wheel	46	Bracket
13	Bolt	47	Pin
14	Sleeve	48	Guard Bracket
15	Set Screw M5 x 10	49	Guide Guard
16	Nut M5	50	Socket head bolt M4x16
17	Toothed Washer	51	Label
18	Height adjustment block	52	Locking Plate
19	Adjuster Block	53	Guide Setting Knob
20	Cotter Pin 5x26	54	Nut M4
21	Shaft	55	Fixed Plate Assembly
22	Pan Head Screw M4x16	56	Pan head screw M4x6
23	Flat Washer	57	Cable Sleeve
24	Hinge	58	Power Cable/Plug
25	Switch Fixed Plate	59	Rubber Grommet
26	Pan Head Screw M4x110	60	Bolt M6x20
27	Switch	61	Spring Washer
28	Drive Wheel	62	Flat Washer
29	Flat Washer	63	Rip Fence
30	Spring Washer	64	Connecting Rod
31	Screw M5x12	65	End Claw
32	Clip	66	Spring
33	Locking Knob	67	Square Washer
34	Washer	68	Knob

PART NO	DESCRIPTION	PART NO	DESCRIPTION
69	Washer	90	Spring Washer
70	Mitre Fence	91	Flat Washer
71	Pointer	92	Baseplate
72	Guide Ruler	93	Protective Cover
73	Hex head bolt M4x20	94	Pan Head Screw M4x12
74	Washer	95	Fixed Clamp
75	Spring	96	Parallel Key
76	Handle	97	Tab
77	Bolt	98	Fixed Plate
78	Table Base Frame	99	Pan Head Screw M5x8
79	Butterfly Nut	100	Bearing 625-2Z
80	Work Table	101	Eccentric Shaft
81	Screw	102	Dust Brush
82	Plastic Kerf Plate	103	Pan Head Screw M6 x 16
83	Fixing Plate	104	Motor
84	Washer	105	Micro-switch panel
85	Washer	106	S/t screw st2.8x10
86	Tension Rod	107	Cable Clamp
87	Locking Handle	108	Micro-switch bracket
88	Cotter Pin	109	S/t screw st2.8x16
89	Bolt M8x25	110	Micro-switch

DECLARATION OF CONFORMITY



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DECLARATION OF CONFORMITY

This is an important document and should be retained.

We hereby declare that this product(s) complies with the following directive(s):

2004/108/EC *Electromagnetic Compatibility Directive.*

2006/42/EC *Machinery Directive.*

2011/65/EU *Restriction of Hazardous substances.*

The following standards have been applied to the product(s):

EN 61029-1:2009 +A11:2010, EN 61029-2-5:2011, EN 55014-1:2006 +A2:2011,

EN 55014-2:1997 +A2:2008, EN 61000-3-2+A2:2009, EN 61000-3-3:2013.

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned directive(s) has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2012

Product Description: 7.5" Band saw
Model number(s): CBS190B
Serial / batch Number: N/A
Date of Issue: 12/07/2016

Signed:

J.A. Clarke
Director

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