



casals



1200W Circular Saw



COMPLIES WITH
INTERNATIONAL
IEC60745
SAFETY SPECIFICATIONS



1200W

2 YEAR
GUARANTEE

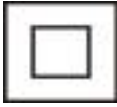
Model:
CS184L

PLEASE READ ALL INSTRUCTIONS BEFORE USE





EXPLANATION FOR SYMBOLS



A Class II or double insulated electrical appliance is one which has been designed in such a way that it does not require a safety connection to electrical earth. The basic requirement is that no single failure can result in dangerous voltage becoming exposed so that it might cause an electric shock and that this is achieved without relying on an earthed metal casing. This is usually achieved at least in part by having two layers of insulating material surrounding live parts or by using reinforced insulation



Read instruction manual before operating or attempting any maintenance work.



Switch off and remove the plug from the mains before cleaning or maintenance.



DO NOT leave or use this appliance in the rain.



Wear hearing and eye protection.



Keep Bystanders away.

SAFETY INSTRUCTIONS

WARNING: When using power tools or garden power tools basic safety precautions including the following safety instructions should always be followed to reduce the risk of fire, electric shock and personal injury. Read all these instructions before operating this product and retain these instructions for future reference.

- Do not operate this product in an explosive atmosphere, such as in the presence of flammable liquids, gases or dust.
- Keep children and bystanders away while operating the power tools or garden power tools. Distractions can cause you to lose control.
- Power tools or garden power tools plug must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock
- Avoid body contact with earthed or grounded surfaces such as tubes, radiators and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools garden power tools to rain or wet conditions. Water entering a power tool garden power tool will increase the risk of electric shock.
- Do not modify or change the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil and sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating this power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- Stay alert. Watch what you are doing and use common sense when operating the power tool or garden power tools.
- Do not operate the power tools or garden power tools when you are tired or under the influence of drugs, alcohol or medication.
- Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hardhat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Remove any adjusting key or wrench before turning power tools or garden power tools on. A wrench or a key left attached to a rotating part of power tools or garden power tools may result





in personal injury.

- Do not over reach. Keep proper footing and balance at all times. This enables better control of power tools or garden power tools in unexpected situations.

- Dress properly. Do not wear loose clothing or jewellery; Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

- Do not force the power tools or garden power tools. Use the correct power tools or garden power tools for your application. The correct power tools will do the job better and safer at the rate for which it was designed.

- Do not use the power tools or garden power tools if the switch does not turn it on and off. Any the power tools or garden power tools that cannot be controlled with the switch is dangerous and must be repaired.

- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the power tools or garden power tools. Such preventive safety measures reduce the risk of starting the power tools or garden power tools accidentally.

- Store out of the reach of children and do not allow persons unfamiliar with the power tools or garden power tools or these instructions to operate the power tools or garden power tools. Power tools or garden power tools are dangerous in the hands of untrained users.

- Use the power tools or garden power tools, in accordance with these instructions and in the manner intended for particular type of power tools or garden power tools, taking into account the working conditions and the work to be performed.

- Use of the power tools or garden power tools for operations different from intended could result in a hazardous situation.

- Have your power tools or garden power tools serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tools or garden power tools is maintained.

Work area

- Keep work area clean and well. Cluttered and dark areas invite accidents.

- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gasses or dust. Power tools create sparks which may ignite the dust of fumes.

- Keep children and bystanders away while

operating a power tool. Distractions can cause you to lose control.

Electrical safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs which earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock..

- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body control is earthed or grounded.

- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock. Always use tool in conjunction with a residual circuit breaker device.

Personal safety

- 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 serious personal injury.

- Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, on-skin safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

- Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.

- Remove any adjusting key or wrench before turning the power tool on. A wrench or key left attached to a rotating part of the power tool may result in personal injury.

- 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 and gloves away from moving parts. Loose





clothes, Jewellery or long hair can be caught in moving parts.

- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.
- Use clamps or a vice to hold worksites safer than using your hand and it frees both hands to operate tool.

Power tool use and care

- Do not force the power tool. User the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- 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.
- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands untrained users.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could result in hazardous situation.
- Damaged switches must be replaced at a customer service repair centre. Do not use power tools that cannot be switched on and off.
- Do not leave power tools unattended while they are switched on. Always switch off the tool

and wait until it has come to a full standstill before leaving.

- If the mains cable has been damaged, it must be replaced with a special mains cable. These can be obtained from the manufacturer or the manufacturer's customer service department. The mains cable may only be replaced by the manufacturer, the manufacturer's customer service department or equally qualified persons.

Service

- Please use a qualified expert who uses original replacement parts to repair your power tool. This will ensure proper functioning of the power tool.
- **Caution!** The use of any accessories or additional tools other than those recommended in this manual may lead to an increased risk of injury. Only use original replacement parts.

ADDITIONAL SAFETY RULES FOR CIRCULAR SAW DANGER!

- Keep hands away from cutting area and blade. Keep your second hand on auxiliary handle, or motor housing. If both hands are holding the saw, they cannot be cut by the blade.
- Do not reach underneath the workpiece. The guard cannot protect you from the blade below the workpiece
- Adjust the cutting depth to the thickness of the workpiece. Less than a full tooth of the blade teeth should be visible below the workpiece
- Never hold the piece being cut in your hands or across your leg. Secure the workpiece to a stable platform. It is important to support the work properly to minimize body exposure, blade binding, or loss of control.
- Hold the power tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will also make exposed metal parts of the power tool "live" and shock the operator.
- When ripping, always use a rip fence or straight edge guide. This improves the accuracy of cut and reduces the chance of the blade binding.
- Always use blades with correct size and shape (diamond versus round) of arbour holes. Blades that do not match the mounting hardware of the saw will run eccentrically, causing loss of control.
- Never use damaged or incorrect blade wash-





ers or bolt. The blade washers and bolt were specially designed for your saw, for optimum performance and safety of operation.

CAUSES AND OPERATOR PREVENTION OF KICKBACK

- Kickback is a sudden reaction to a pinched, bound or misaligned saw blade, causing an uncontrolled saw to lift up and out of the workpiece toward the operator.
- When the blade is pinched or bound tightly by the kerf closing down, the blade stalls and the motor reaction drives the unit rapidly back toward the operator.
- If the blade becomes twisted or misaligned in the cut, the teeth at the back edge of the blade can dig into the top surface of the wood causing the blade to climb out of the kerf and jump back toward operator.

Kickback is the result of tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

- Maintain a firm grip with both hands on the saw and position your arms to resist kickback forces. Position your body to either side of the blade, but not in line with the blade. Kickback could cause the saw to jump backwards, but kickback forces can be controlled by the operator, if proper precautions are taken.
- When blade is binding, or when interrupting a cut for any reason, release the trigger and hold the saw motionless in the material until the blade comes to a complete stop. Never attempt to remove the saw from the work or pull the saw backward while the blade is in motion or kickback may occur. Investigate and take corrective actions to eliminate the cause of blade binding.
- When restarting a saw in the workpiece, centre the saw blade in the kerf and check that the saw teeth are not engaged into the material. If saw blade is binding, it may walk up or kick back from the workpiece as the saw is restarted.
- Support large panels to minimise the risk of blade pinching and kickback. Large panels tend to sag under their own weight. Supports must be placed under the panel on both sides, near the line of cut and near the edge of the panel.
- Do not use dull or damaged blades. Unsharpened or improperly set blades produce a narrow kerf causing excessive friction, blade binding and kickback.

- Blade depth and bevel adjusting locking levers must be tight and secure before making a cut. If blade adjustment shifts while cutting, it may cause binding and kickback.
- Use extra caution when making a "plunge cut" into existing walls or other blind areas. The protruding blade may cut objects that can cause kickback.

Special requirement:

- Check guard for proper closing before each use. Do not operate the saw if guard does not move freely and enclose the blade instantly. Never clamp or tie the guard with the blade exposed. If saw is accidentally dropped, guard may be bent. Check to make sure that guard moves freely and does not touch the blade or any other part, in all angles and depths of cut.
- Check the operation and condition of the guard return spring. If the guard and the spring are not operating properly, they must be serviced before use. Guard may operate sluggishly due to damaged parts, gummy deposits, or a build-up of debris.
- Assure that the guide plate of the saw will not shift while performing the plunge cut. When the blade bevel setting is not at 90°. Blade shifting sideways will cause binding and likely kick back.
- Always observe that the guard is covering the blade before placing saw down on bench or floor. An unprotected, coasting blade will cause the saw to walk backwards, cutting whatever is in its path. Be aware of the time it takes for the blade to stop after switch is released.

Adjusting the depth of cut

CAUTION! Always ensure that the saw is switched off and unplugged from the power supply before making any adjustments.

1. Unscrewing plastic nut (C) by turning it anti-clockwise
2. Lift the body of the saw until the blade is at the right depth
3. Screwing plastic nut (C) by turning clockwise

NOTE. Always use the correct blade depth setting. The correct blade depth setting for all cuts should not be more depth will increase the chance of kickback and result in a rough cut.

Adjusting the bevel angle

Loosen knob E&F and tilt the body of the saw until the required angle is reached. Tighten





knob E&F.

NOTE. Always make a trial cut in a scrap piece of material along a guideline to check the position of the blade relative to the guideline and the angle of cut.

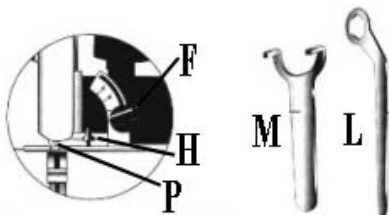
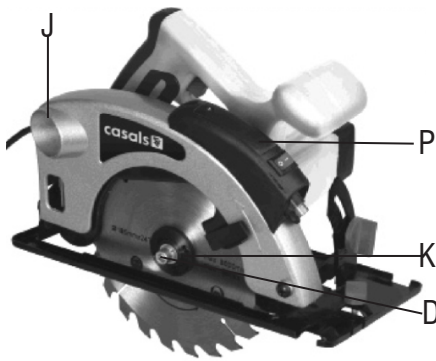
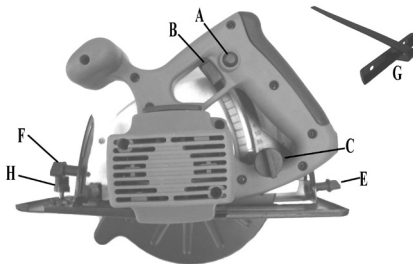
Switching ON and OFF

Connect the plug to the power supply. Press button (A) and squeeze switch (B)

NOTE. When you release the trigger, the motor turns off and button (A) re-engages to prevent accidental operation.

CAUTION. Allow the blade to come to a complete standstill before setting the saw down.

Description:



- A. Trigger Switch
- B. Safety Trigger Switch
- C. Plastic Bevel Adjustment Knob
- D. Hexagonal nut
- E. Knob
- F. Front Knob
- G. Parallel guide
- H. Parallel fence Tightening Knob
- I. Blade guard Cover Lever
- J. Dust Extraction Shoot
- K. Outer Blade Flange
- L. Wrench
- M. Flange Wrench
- N. Blade guard lever
- O. Upper Blade Cover
- P. Laser

Making a cut

Mark the line of cut on the workpiece. Start the motor and let the blade reach full speed (approximately 2 seconds, slowly push the saw forward using both hands.

NOTES. When making a cut always use steady, even pressure. Forcing the saw causes rough cuts and could shorten the life of the saw or cause kickback. Allow the blade and the saw to do the work. After completing your cut, release the switch (B) and allow the blade to come to a complete stop. Do not remove the blade to come to a complete stop. Do not remove the saw from the workpiece while the blade is moving. Since blade thickness varies, always make a trial cut in scrap material along the guideline and adjust the position of the blade guide as necessary

Changing the blade

CAUTION! Always ensure that the saw is switched off and unplugged from the power supply before making any adjustments.

Place saw on its side on a flat surface and set for a minimum depth cut.

Place the 2-pin wrench (M) in the slots of the locking flange (K).

Firmly keep the 2-pin wrench in place while you unscrew the hexagonal nut (D) by wrench (L).

Remove the outer blade flange (K) and the blade bolt (D).

Raise the lower blade guard (N) using level (I)

Remove the saw blade

Notes. Clean the saw blade flanges thorough-





ly before mounting the new saw blade. Wipe a drop of oil onto the inner and outer flange where they will touch the blade.

Mount the new saw blade onto the spindle. Replace the outer flange (K) and tighten the blade bolt (D).

WARNING. The direction in which the blade rotates has to be the same as the direction of the arrow marked on the housing.

Before using the saw again, check that safety devices are in good working order.

IMPORTANT. After replacing the saw blade, make sure that the saw blade runs freely by turning the blade by hand. Plug the machine into a power socket and run the saw under no load to check that it runs smoothly before using it to cut any material.

Using the parallel guide

The parallel guide (G) allows you to make parallel cuts in a sheet of wood, all at the same width.

Loosen knob (H). Slide the parallel guide (G) through the slots in the base plate. Adjust the parallel fence to the required width and secure it in position with knob (G).

NOTE. Ensure that the parallel fence rests against the wood along its entire length to give a consistent parallel cut.

Opening the blade protection

The blade protection (N) evolves automatically being pushed by the wood that you cut. To open it manually, move the lever (I).

Dust extraction

- The circular saw is equipped with a dust extraction hole (J)
- A vacuum cleaner can be connected to the dust extraction connector either directly to the connector or using an adapter.
- If necessary, connect an adapter to the connector. Preferably use a vacuum cleaner for industrial use.

Laser

The laser uses 2xAAA batteries, the batteries are not included in the laser. This need to be purchased separately.

How does this laser work:

First undo the screw on the battery cover. Insert 2xAAA into the battery slots. Test to see if laser is working before replacing cover and tightening the screw.

What is it used for:

Laser alignment system is used for accurate cuts and to check whether the cutting line is straight. If the laser light is directed at cutting line, your cut will be 100% straight.

Maintenance

Warning. Always ensure that the tool is switched off and the plug is removed from the power point before making any adjustments or maintenance procedures.

- Always wear sturdy gloves when handling or changing blades as they can be very sharp.
- Keep the tool's air vents unclogged and clean at all times.
- Regularly check to see if any dust or foreign matter has entered the grills near the motor and around the trigger switch.
- Use a soft brush to remove any accumulated dust. Wear safety glasses to protect your eyes whilst cleaning.

Re-lubricate all moving parts at regular intervals. If the body of the saw needs cleaning, wipe it with a soft damp cloth. A mild detergent can be used but nothing like alcohol, petrol or other cleaning agent. Never use caustic agents to clean plastic parts.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Authorized service station.

Caution. Water must never come into contact with the saw.





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2 YEAR GUARANTEE

Casals guarantees that this product has been thoroughly inspected and tested before being dispatched and is free from mechanical and electrical defects and complies with the applicable safety standards. However, should defects due to faulty material or workmanship develop, under normal domestic use, within 6 months from the date of purchase please return the product to the store from where it was purchased for a full refund or replacement.

The following conditions apply:

1. Please ensure you retain your receipt as this must be presented when making a claim under the terms of the guarantee. It is impossible to determine the guarantee period without proof of purchase, so please keep this in a safe place.
2. If a refund or exchange is required the product must be complete with all accessories, parts and packaging.
3. Missing parts will render the guarantee void.
4. Upon receipt of your appliance check it for any transport damage to ensure it is safe for use. Return it to the store as soon as possible for exchange if damaged. The guarantee is void if products are damaged after use, so please do not use the damaged product.
5. Your product is designed for normal domestic household use. Failure to read and comply with the instructions for use, cleaning and maintenance will render your guarantee void, so please read these instructions carefully to ensure your safety, and get the most effective use from the product.
6. **Any abuse, negligent, improper use will render the guarantee void and Creative Housewares (Pty) Ltd will not be liable for any loss or damage.**
7. This Guarantee will not apply if this tool is damaged by accident or from normal wear and tear.
8. Any attempted repair, or replacement of unauthorised parts will render the guarantee void, so please contact an authorised service centre or agent for any service or repair requirements.
9. **Accessories such as bits, blades, sanding disc, cutting lines, etc are excluded from this guarantee.**
10. **Normal consumables parts, such as carbon brushes, bearings, chucks, cord assembly's, spark plugs, recoil pulleys and bump head assembly's are specifically excluded from this guarantee.**

Extended 24 Month Limited Guarantee

- Casals takes pride in their product quality and therefore offer an extended 24 month limited guarantee from the original date of purchase to offer the consumer peace of mind on their purchase.
- Should defects due to faulty material or workmanship develop, under normal domestic use, within 24 months from the original date of purchase, please return the product to the store from where it was purchased for repair free of charge.
- Casals will however replace a product, if the cost of the repair is not commercially viable or if their ability to conduct repair effectively cannot be guaranteed.
- **NB:** The guarantee on replaced products will be from the original date of purchase.
- All repairs carry a 3 month guarantee even if this falls outside of the 2 year guarantee period. Casals will attempt to conduct repairs within reasonable industry standards but cannot be held responsible or liable for any circumstances not under their control.

Before returning your product, check for the following:

1. Your household mains supply socket is working and switched on.
2. The mains supply circuit is not overloaded (White trip switch on your DB board is off).
3. You have read the trouble shooting guide in your Instructions for Use.
4. All accessories and parts are present.

If service or repair becomes necessary outside the guarantee period, this service is still available however all transport/postage, spares and labour costs will be paid by the consumer. All chargeable repairs will require the consumers' approval in writing once the quote is accepted. Once the go-ahead has been received Casals will undertake to conduct the repair within a reasonable time and maintain the condition of the product as received.

For any assistance, service, queries and complaints please contact our Customer Care on 086 111 5006 or e-mail help@creativehousewares.co.za.





Be on the look-out for these Casals products at your local outlet:



CD4800RE



CD1200RE



ID500RE



ID710RE



BS76-710



OS150



PL82-710



HAG2000



AG115-710



AG230-2000



JS55



R1200E



CS184L

creative housewares

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