

21-CS1500

Original Instructions

GENERAL WARNINGS & DISPOSAL



To reduce the risk of injury, the user must read the instruction manual.



This symbol is used throughout this manual to warn the user about potential risks. Please read & understand these sections before using the device.



Personal Protective Equipment (P.P.E.), such as ear defenders, eye protection, safety gloves and a dust mask, must be worn during the operation of the device.



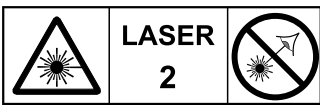
The device must not be exposed to rain or immersed in water.



Do not allow any part of the device to come into contact with flames, or to catch fire.



This product has been marked with a symbol relating to removing electric and electronic waste. This product should not be discarded with household waste but must be returned to a collection system that conforms to the EU Directive 2012/19/EU or the UK Waste Electrical and Electronic Equipment Regulations 2013. It will then be recycled or dismantled in order to reduce the impact on the environment. Electric and electronic equipment can be hazardous for the environment and for human health since they contain hazardous substances.



λ : 650nm; P≤1mW EN 60825-1:2014

This product is equipped with a CLASS 2 laser. Do not stare into beam.

The month and year of manufacture can be found within the product serial number e.g. MMYPPPA XXXXX. Where production month (MM) and production year (YY) are included.

21-CS1500 Designation of the tool CS: Circular Saw, 1500: 1500W Input Power.



Contents

GENERAL POWER TOOL SAFETY WARNINGS	4
1. Work area safety	4
2. Electrical safety	4
3. Personal safety	4
4. Power tool use and care	5
5. Service	5
TOOL SPECIFIC SAFETY WARNINGS	6
Additional Safety Rules For Saw Tools	6
Kickback Causes And Related Warnings	6
Lower Guard Function	7
COMPONENT LIST	10
TECHNICAL DATA	11
NOISE INFORMATION	11
VIBRATION INFORMATION	12
OPERATING INSTRUCTIONS	13
Intended Use	13
Circular Saw Assembly	13
Depth Adjustment	13
Angle Adjustment	13
Power Switch	13
Parallel Cut Adjustment	14
Laser Line Generator	14
General Cutting	14
Pocket Cutting	14
Cutting Large Sheets	15
Maintenance	15
WARRANTY STATEMENT	16
Terms and Conditions	16
EU/UK DECLARATION OF CONFORMITY	18



GENERAL POWER TOOL SAFETY WARNINGS

WARNING!

Read all safety warnings, instructions and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. **Save all warnings and instructions for future reference.**

The term “power tool” in the warnings refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

1. Work area safety

> **Keep work area clean and well lit.**

Cluttered or dark areas invite accidents.

> **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.

> **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2. Electrical safety

> **Power tool plugs 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 pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body 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 the 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.

> **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3. 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 personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.

> **Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

- **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.
 - **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. Keep your hair and clothing 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 dust collection can reduce dust-related hazards.
 - **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.
- 4. Power tool use and care**
- **Do not force the power tool. Use 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 and/or remove the battery pack, if detachable, from the power tool 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 of untrained users.
 - **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other 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.
 - **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, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
 - **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.
- 5. Service**
- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.



TOOL SPECIFIC SAFETY WARNINGS

- > **Wear ear protectors.** Exposure to noise can cause hearing loss.
- > **Wear eye protection.** Wear goggles to prevent eyes from exposure to flying particles.
- > **Wear dust mask.** Take protective measures against inhalation of dust. Some materials can contain toxic materials. Also work with dust/ chip extraction when connectable.
- > **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 could give the operator an electric shock.
- > **When ripping, always use a rip fence or straight edge guide.** This improves the accuracy of cut and reduces the chance of blade binding.

Additional Safety Rules For Saw Tools

- > **Keep hands away from cutting area and the 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 workpiece in your hands or across your leg while cutting. Secure the workpiece to a stable platform.** It is important to support the work properly to minimise body exposure, blade binding, or loss of control.
- > **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 off-centre, causing loss of control.
- > **Never use damaged or incorrect blade washers or bolt.** The blade washers and bolt were specially designed for your saw, for optimum performance and safety of operation.

Kickback Causes And Related Warnings

- > Kickback is a sudden reaction to a pinched, jammed 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 jammed 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 the operator.

Kickback is the result of saw 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 so that the saw teeth are not engaged into the material.** If a saw blade binds, it may walk up or kickback 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 narrow kerf causing excessive friction, blade binding and kickback.
- › **Blade depth and bevel adjusting locking levers must be tight and secure before making the cut.** If blade adjustment shifts while cutting, it may cause binding and kickback.
- › **Use extra caution when sawing into existing walls or other blind areas.** The protruding blade may cut objects that can cause kickback.

Lower Guard Function

- › **Check the lower guard for proper closing before each use. Do not operate the saw if the lower guard does not move freely and close instantly. Never clamp or tie the lower guard into the open position. If the saw is accidentally dropped, the lower guard may be bent.** Raise the lower guard with the retracting handle and make sure it moves freely and does not touch the blade or any other part, in all angles and depths of cut.



- › **Check the operation of the lower guard spring. If the guard and the spring are not operating properly, they must be serviced before use.**

Lower guard may operate sluggishly due to damaged parts, gummy deposits, or a build-up of debris.

- › **The lower guard may be retracted manually only for special cuts such as “plunge cuts” and “compound cuts”. Raise the lower guard by the retracting handle and as soon as the blade enters the material, the lower guard must be released.**

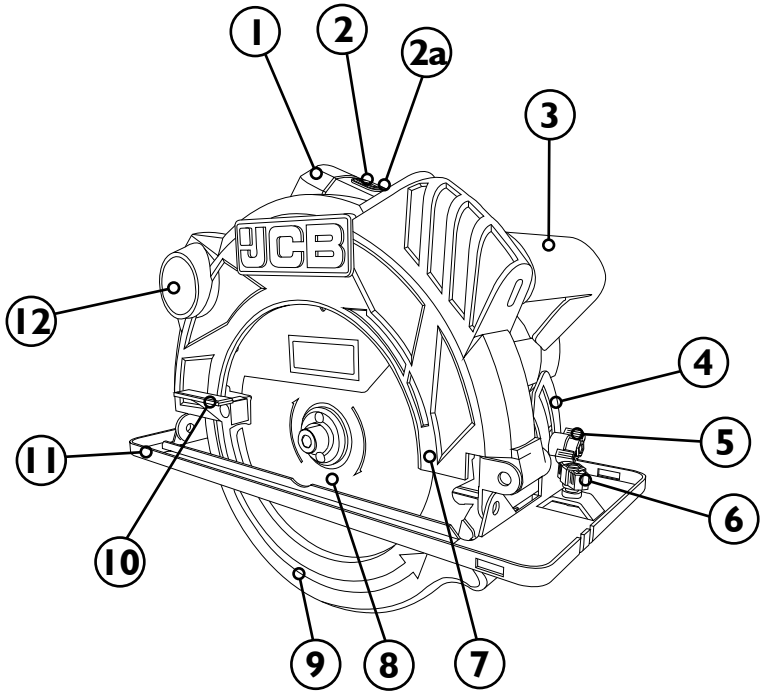
For all other sawing, the lower guard should operate automatically.

- › **Always observe that the lower guard is covering the blade before placing the 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.



COMPONENT LIST



- 1. HAND GRIP AREA
- 2. POWER ON INDICATOR (NOTE: ON/OFF TRIGGER LOCATED UNDER HAND GRIP)
- 2a. LASER ON/OFF SWITCH (BELOW INDICATOR)
- 3. AUXILLARY HANDLE
- 4. BEVEL SCALE
- 5. PARALLEL GUIDE LOCKING SCREW
- 6. BEVEL LOCK BUTTON
- 7. FIXED GUARD
- 8. SAW BLADE
- 9. LOWER BLADE GUARD
- 10. LOWER GUARD LEVER
- 11. BASE PLATE
- 12. DUST PORT

TECHNICAL DATA

Input Voltage		230-240V, 50Hz
Power		1500W
No Load Speed		n_0 : 5800/min
Saw Blade Diameter		185mm
Max. Cutting Depth	90°	65mm
	45°	43mm
Product Weight		4.6 kg

NOISE INFORMATION

A-Weighted Sound Pressure (LpA)	99 dB(A)
A-Weighted Sound Power (LwA)	110 dB(A)
K_{pA} & K_{wA}	3 dB(A)
Wear ear protection when sound pressure is over 80 dB(A)	



VIBRATION INFORMATION

Vibration total values (triax vector sum) determined according to EN 62841		
Vibration Emission Value (a_h)	Main Handle	2.01 m/s ²
	Auxillary Handle	1.48 m/s ²
Uncertainty (K)		1.5 ms ⁻²

⚠ WARNING!

The vibration emission value of the power tool is tested under EN 62841-1 and EN 62841-2-11, and can vary during operation depending on the following usage conditions:

- How the tool is used and the materials being cut or drilled.
- The tool being in good condition and well maintained.
- Using the correct accessory for the tool and ensuring it is sharp and in good condition.
- The tightness of the grip on the handles and if any anti-vibration accessories are used.
- The tool being used as intended by its design and these instructions.
- The declared vibration total value may also be used in a preliminary assessment of exposure.

THIS TOOL MAY CAUSE HAND-ARM VIBRATION SYNDROME IF USAGE IS NOT ADEQUATELY MANAGED.

⚠ WARNING!

To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle. These include times when the tool is switched off and when it is running idle but not actually doing work. This may significantly reduce the total exposure level over the working period, helping to minimize your vibration exposure risk.

- ALWAYS use sharp chisels, drills and blades.
- Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate).
- If the tool is to be used regularly then invest in anti-vibration accessories.
- Avoid using tools in temperatures of 10°C or less.
- Plan your work schedule to spread any high vibration tool use across a number of days.

OPERATING INSTRUCTIONS

Intended Use

This circular saw is intended for fully supported cross and rip cuts and bevel sawing of hard and soft woods and board/sheet materials. It can also be used for plunge cutting.

The tool must not be modified or used for any other purposes than the ones described in these instructions.

Circular Saw Assembly

WARNING!

Prior to any assembly and adjustment always disconnect the tool from the power supply.

- Place this circular saw on its side on a flat surface. Bring the base plate down to the minimum depth cut as it's easier to change the blade.
- Push the spindle lock button toward motor housing and hold it firmly.
- Turn the blade clamp bolt anti-clockwise.
- Remove the blade clamp bolt and outer flange.
- Raise the lower guard by using the lever for lower guard, and then remove the saw blade.
- Clean the saw blade flanges then mount the new saw blade onto the output spindle and against the inner flange.
- Make sure the saw teeth and arrow on the blade point in the same direction as the arrow on the lower guard.
- Reinstall the outer flange and tighten the blade clamp bolt.

- Make sure that the saw blade runs freely by turning the blade by hand.

Depth Adjustment

- Loosen the lock lever for depth adjustment.
- Hold the baseplate flat against the edge of the work piece and lift the body of the saw until the blade is at the right depth determined by the depth of cut scale (align the scale line).
- Tighten the lock lever for depth adjustment.

Angle Adjustment

- Loosen the Lock knob for angle adjustment.
- Adjust the shoe to the desired angle between 0° to 45°. [See miter scale].
- Tighten the lock knob for angle adjustment.

Power Switch

WARNING!

Before engaging the ON/OFF switch, check that the saw blade is properly fitted and runs smoothly and that the blade clamp bolt is well tightened.

- Connect the plug to the power supply. The power-on indicator light will remain lit until the tool is disconnected from the power supply.
- To switch on the circular saw, press the lock-off button and pull the ON/OFF switch trigger.
- When you release the switch trigger the tool turns off.



Parallel Cut Adjustment

- › Loosen the lock knob of edge guide.
- › Slide the parallel guide through the slots in the shoe to the desired width.
- › Tighten the lock bolt to fit it in the position.
- › Ensure that the edge guide rests against the wood along its entire length to give a consistent parallel cuts.

Laser Line Generator

WARNING!

Do not stare directly at the laser beam, do not deliberately aim the beam at personnel and ensure that it is not directed towards the eye of a person for longer than 0.25 seconds.

- › Turn on: Press the laser generator switch once.
- › Turn off: Press the switch again.
- › Mark the cutting line on the work piece.
- › Adjust the angle of cut as required.
- › Plug in the machine and start the motor.
- › When the blade is at its maximum speed (after approximately 2 seconds), place the saw on the work-piece.
- › Switch on the laser generator from the laser aperture using the laser generator switch.
- › Align the beam with the mark on the work-piece and slowly push the saw forward using both hands, keeping the red light beam on the mark.
- › Switch off the laser beam when the cut is completed.

General Cutting

- › When starting, always hold the saw handle with one hand and the auxiliary handle with the other hand. Never force the saw but maintain a light and continuous pressure after completing the cut allow the saw to come to a complete stop. When cutting is interrupted, resume cutting by allowing the blade to reach full speed and then reentering the cut slowly.
- › When cutting across the grain, the fibers of the wood have a tendency to lift and tear, moving the saw slowly minimizes this effect.
- › Use only saw blades recommended by the manufacturer, which conform to EN 847-1, if intended for wood and analogous materials.
- › Use only blade diameter(s) and speeds/ specifications etc in accordance with the rating plate of the product.

Pocket Cutting

- › Disconnect the plug from the power supply before making any adjustments. Set the depth adjustment based on the thickness of the line drawing for the cut. Raise the lower guard by using the lift lever.
- › With the blade barely above the material to be cut, start the saw and allow the blade to come to full speed. Gradually lower the blade into the material to be cut using the front end of the shoe as a pivot point.
- › When the blade starts cutting, release the lower guard.
- › When the shoe is resting flat on the surface being cut, proceed cutting in a forward direction to the end of the cut.
- › Allow the blade to come to a full stop before removing it from the cut.

WARNING!

Never pull the saw backward since the blade will climb out of the cut and kickback will occur.

- Turn the saw around and finish the cut in a normal manner, sawing forward. Use a jigsaw or a hand saw to finish the cut in the corners, if required.

Cutting Large Sheets

- Large sheet or boards require support to prevent bends or sags. If you attempt to cut without levelling and properly supporting the work piece, the blade will tend to bind, causing kickback.
- Support the panel or board close to the cut. Be sure to set the blade adjustment so that you can cut through the material without cutting into the table or workbench. Suggestion: use two by fours to support the board or panel to be cut. If the piece is too large for the workbench, use the floor with the two-by fours supporting the wood.

Maintenance

WARNING!

Switch off the tool and disconnect the power (remove battery/unplug) before cleaning and maintenance – risk of electric shock and accidental start.

- Wipe the tool with a dry or damp cloth. Do not use a wet cloth. Do not use detergent that contains solvent or corrosive, abrasive additives – risk of damaging the surface.
- Clear the tool vents and the accessory mount of dust and dirt after each use.

- Do not clean ventilation holes by inserting sharp objects in them, such as screwdrivers and other similar objects.
- Stubborn contamination in areas hard to access can be removed with compressed air (max 3. bar).
- Regularly check all fasteners, screws and bolts to make sure that they are tight. Tighten any loose screws immediately – serious injury could occur.
- If the power cord becomes damaged and replacement is necessary, this must be carried out by an authorised warranty agent.

WARNING!

Never open the tool. The tool has no internal parts that the user can service or repair. Never try to repair the tool yourself. Take to an authorised service centre.

Transport and Storage

- If the tool shall remain unused for any length of time, it should be stored in the original packaging.
- Store the tool in a dry, frost-free, well ventilated place with a temperature of no more than 40°C and out of the reach of children.
- Always Switch off the tool and disconnect it from the power supply (remove the battery/unplug the power cord) before transport.
- Always carry the tool using the purpose-designed handle.
- Always carry the tool using the purpose-designed handle.
- Ensure that the tool is not at risk of tipping over or exposed to vibration and shocks during transport, especially if the tool will be transported by car or other vehicle.



WARRANTY STATEMENT

JCB Power Tools are guaranteed against manufacturing defects for up to 3 years from date of purchase by simply registering your product online within 30 days. Proof of purchase required. This does not affect your statutory rights.

To register your JCB Power Tool, please visit: jcb-tools.com

Online registration is required within 30 days to receive a warranty certificate to activate your standard 3 year warranty. Registration is only available online via www.jcb-tools.com. You will need your original sales receipt, the model number and the serial number (if applicable) of your product. Kits comprising of two or more tools are excluded from single registration and must be registered individually for full warranty cover.

Upon successful registration, a warranty certificate will be available to download, print or save as a PDF document. The relevant warranty certificate together with the original sales receipt will be required in the event of any claim within the warranty period.

Should you choose not to register your product within 30 days of purchase, your statutory consumer rights will not be affected. You will need the original sales receipt as proof of purchase in the event of a warranty claim.

Warranty cover commences from the date of purchase on the retail sales receipt and is valid only for JCB Tools products purchased within the UK bearing the CE and UKCA mark and a visible serial number.

In the unlikely event your JCB Power Tool is subject to a manufacturing fault within the warranty period, JCB Tools may repair the product by replacing defective parts free of charge at our discretion. In the event parts are irreplaceable JCB Tools may replace your product free of charge. The original product will remain the property of JCB Tools in this situation.

The above repair or replacement of products will be undertaken providing that:

- The product has been subject to fair wear and tear only.
- The product has not been subject to accidental or cosmetic damage.

- The product has not been misused and has been used only in accordance with the instruction manual provided.
- The product has not been subject to overload or insufficient servicing and maintenance.
- The product has not been subject to any abnormal environmental conditions or inappropriate operating conditions.
- Repairs have not been attempted by an unauthorised person and no modifications have been made to the product.
- Repairs have not been undertaken using non-genuine spare parts.

JCB Power Tools used for Hire Fleets or as part of B2B and Service Contracts are not covered by these terms and conditions.

JCB Tools 3 Year Warranty excludes the following (where applicable):

- Components normally subject to wear such as carbon brushes.
- Batteries, Chucks and Chargers.
- Accessories and consumable items.
- Cases and tool storage products.

If your product develops a fault within 30 days of purchase, return it to the retailer where it was purchased together with your sales receipt. If a product develops a fault after 30 days a warranty claim must be submitted.

If you have a warranty claim please take your product, original sales receipt and if applicable, a copy of your extended warranty certificate to your place of purchase or nearest JCB Tools retailer.

If you wish to send your product to us directly, please send to JCB Tools, Unit 55, Romsey Industrial Estate, Greatbridge Road, Romsey, Hampshire, SO51 0HR, along with your original receipt and, if applicable, a copy of your extended warranty certificate. Delivery and repair charges may apply at our discretion should the warranty claim be invalid for any of the reasons illustrated above. In the event charges are not accepted the product will be retained by JCB Tools and remain the property of JCB Tools.

The information on both your sales receipt and your extended warranty certificate must match.

JCB TOOLS WILL NOT BE LIABLE FOR ANY INJURIES OR CONSEQUENTIAL DAMAGES RESULTING FROM USE OF THIS PRODUCT.



EU DECLARATION OF CONFORMITY				UK DECLARATION OF CONFORMITY
1.	PRODUCT(S) COVERED BY THIS DECLARATION:	Product: UK Product Code No. EU Product Code No. Factory Reference No.	JCB 184mm 1500W Corded Circular Saw JCB-CS1500, 21-CS1500 JCB-CS1500-E 76337	
2.	IDENTIFICATION DETAILS OF MANUFACTURER:	Name: Address: Country:	Yellow and Black Tools Ltd. (T/A: JCB Tools) Unit 55 Romsey Industrial Estate, Greatbridge Road Romsey, Hampshire SO51 0HR UK	
	AUTHORISED REPRESENTATIVE:	Name: Address: Country:	Authorised Representative Service 77 Camden Street Lower Dublin DO2 XE80 Ireland	
THIS DECLARATION OF CONFORMITY IS ISSUED UNDER THE SOLE RESPONSIBILITY OF THE MANUFACTURER				
4.	OBJECT OF THE DECLARATION:	Product: Function:	184mm 1500W Corded Circular Saw Cross Cuts, Rip Cuts and Bevel Cuts Sawing	
5i.	THE OBJECT OF THE DECLARATION DESCRIBED IN POINT 4 IS IN CONFORMITY WITH THE RELEVANT UNION HARMONISATION LEGISLATION:	2006/42/EC	The Machinery Directive	
		2014/30/EU	The Electromagnetic Compatibility Directive	
		2011/65/EU	The Restriction of Hazardous Substances Directive	
5ii.	THE OBJECT OF THE DECLARATION DESCRIBED IN POINT 4 IS IN CONFORMITY WITH THE RELEVANT UK STATUTORY INSTRUMENTS:	2008 No. 1597	The Supply of Machinery (Safety) Regulations 2008	
		2016 No. 1091	The Electromagnetic Compatibility Regulations 2016	
		2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012	
6.	REFERENCES TO THE RELEVANT HARMONISED SAFETY STANDARDS USED OR REFERENCES TO THE OTHER TECHNICAL SPECIFICATIONS IN RELATION TO WHICH CONFORMITY IS DECLARED:	EN 62841-1:2015 EN 62841-2-5:2014 EN 55014-1:2017 EN 55014-2:2015 EN 61000-3-2:2014 EN 61000-3-11:2000 EN 60825-1:2014	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. General requirements Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held circular saws Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Emission Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Immunity Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to Safety of laser products. Equipment classification and requirements	
7.	ADDITIONAL INFORMATION. THE TECHNICAL DOCUMENTATION FOR THE MACHINERY IS AVAILABLE FROM:	Name: Address: Country:	Authorised Representative Service 77 Camden Street Lower Dublin DO2 XE80 Ireland	
SIGNED FOR AND ON BEHALF OF: PLACE OF ISSUE: DATE OF ISSUE: NAME: FUNCTION: SIGNATURE:		YELLOW & BLACK TOOLS LTD. ROMSEY, UK. 14/06/2021 TIM BURGOWNE QA MANAGER 		