Intended use
Your BLACK+DECKER CS1250, CS1250L - Circular saws, have been designed for sawing wood and wood products. These tools are intended for consumer use only.

Safety instructions

General power tool safety warnings

Warning! Read all safety warnings and all instructions. Failure to follow the warnings and 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 all of the warnings listed below refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

1. Work area safety
   a. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
   b. 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.
   c. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2. Electrical safety
   a. 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.
   b. 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.
   c. Do not expose power tools to rain or wet conditions. Power tools create sparks which may ignite the dust or fumes.
   d. 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.
   e. Do not use the power tool if the switch does not turn it on and off.
   f. Remove any adjusting key or wrench before turning the switch on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
   g. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
   h. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.
   i. Do not use power tools in a damp location. 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.

3. Personal safety
   a. 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.
   b. Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
   c. 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 energizing power tools that have the switch on invites accidents.
   d. 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.
   e. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
   f. Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.
   g. 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.
   h. Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

4. Power tool use and care
   a. 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.
   b. 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.
   c. Disconnect the plug from the power source and/or the battery pack 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.
   d. 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.

5. Service
   a. 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.

6. Battery tool safety warnings
   a. Do not charge or use the battery tool in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Batteries create sparks which may ignite the dust or fumes.
   b. Batteries can explode in the presence of a source of ignition, such as a pilot light. Risk of explosion can be reduced if battery is removed from the tool before the switch is turned on.
   c. Do not use a battery tool with a damaged battery pack. Keep the battery pack away from children.
   d. Do not expose a battery tool or battery to fire or excessive heat.爆燃.
   e. Use only the charger that is specified by the manufacturer for the battery.
   f. When charging, make sure that the charger is connected to a standard wall outlet, and in the presence of children and pets.

7. Maintenance
   a. The charger is intended for use indoors in a dust-free, well-ventilated area.
   b. The charger should not be exposed to dripping or splashing liquids.
   c. The charger should be kept away from dripping or splashing liquids.
   d. The charger should be kept away from the reach of children.

8. Disposal of power tools and power tool battery packs
   a. If you plan to dispose of used power tools or power tool battery packs, make sure that they are disposed of properly. Do not dispose of them in the trash.
   b. Contact your local recycling centre or environmental protection department to find out where you can drop off used power tools or power tool battery packs.

9. Trouble shooting
   a. If your power tool is not working as it should, has been dropped, damaged, exposed to rain or left in extreme temperatures, contact a qualified service centre.
   b. Use of an RCD reduces the risk of electric shock.
   c. If a power tool does not start, make sure the battery pack is fully charged or the battery pack is not damaged.
   d. If a power tool does not turn off, stop the power tool and unplug it from the power source.
e. 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 poorly maintained power tools.

f. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g. 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.

5. Service
a. 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.

Additional power tool safety warnings

**Warning!** Additional safety warnings for Circular saws

- 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 visible below the workpiece.
- 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 piece being cut in your hands or across your legs. Secure the workpiece to a stable platform. Large panels tend to sag under their own weight.
- Hold power tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. If the laser is damaged, have the laser repaired by an authorised repair agent.
- When ripping, always use a rip fence or straight edge guide. This improves the accuracy of cut and reduces the chance of 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 inaccurately. Injuries caused when changing any parts, blades or accessories.
- Never use damaged or incorrect blade washers or bolts. The blade washers and bolt were specially designed for your saw, for optimum performance and safety of operation. Injuries caused by touching any rotating/moving parts.
- Do not operate the saw if lower guard does not move freely and close instantly. Never clamp or tie the lower guard into the open position. If saw is accidentally dropped, 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 on damaged parts, gummy deposits, or a build-up of debris.
- Lower guard should be retracted manually only for special cuts such as “plunge cuts” and “compound cuts”. Raise lower guard by retracting handle and as soon as 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 saw down on bench or floor. An unprotected, coating 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.

Residual risks

Additional residual risks may arise when using the tool which may not be included in the enclosed safety warnings. These risks can arise from misuse, prolonged use etc.

Even with the application of the relevant safety regulations and the implementation of safety devices, certain residual risks can not be avoided. These include:

- Injuries caused by contact with the blade.
- Injuries caused when changing any parts, blades or accessories.
- Injuries caused by touching any rotating/moving parts.
- Impairment of hearing.
- Health hazards caused by breathing dust.

**Laser (CS1250L only)**

This laser complies with class 2 according to EN60825-1:2014. Do not replace a laser diode with a different type. If the laser is damaged, have the laser repaired by an authorised repair agent.

Do not use the laser for any purpose other than projecting laser lines.

- An exposure of the eye to the beam of a class 2 laser is considered safe for a maximum of 0.25 seconds. Eyelid reflexes will normally provide adequate protection. At distances greater than 1m, the laser complies with class 1 and is therefore considered completely safe.
- Never look into the laser beam directly and intentionally.
- Do not use optical tools to view the laser beam.
- Do not set up the tool where the laser beam can cross any person at head height.
- Do not let children come near the laser.

Saw blades

Do not use blades of larger or smaller diameter than recommended. For the proper blade rating refer to the technical data. Use only the blades specified in this manual, complying with EN 847-1.

**Warning!** Never use abrasive wheels.

Safety of others

**Warning!** Wear ear protection when using this tool.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

Vibration

The declared vibration emission values stated in the technical data and the declaration of conformity have been measured in accordance with a standard test method provided by EN 60745 and may be used for comparing one tool with another. The declared vibration emission value may also be used in a preliminary assessment of exposure.

**Warning!** The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used. The vibration level may increase above the level stated.

When assessing vibration exposure to determine safety measures required by 2002/44/EC to protect persons regularly using power tools in employment, an estimation of vibration exposure should consider, the actual conditions of use and the way the tool is used, including taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time.
Electrical safety
Your charger is double insulated; therefore no earth wire is required. Always check that the mains voltage corresponds to the voltage on the rating plate. Never attempt to replace the charger unit with a regular mains plug.

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

Features
This tool includes some or all of the following features.

1. On/off switch
2. Lock-off button
3. Main handle
4. Secondary handle
5. Mitre angle scale
6. Locking knob for mitre angle adjustment
7. Parallel fence
8. Shoe
9. Saw blade
10. Saw blade guard
11. Depth of cut scale
12. Locking knob for depth of cut adjustment
13. Saw dust outlet
14. Saw blade hex wrench
21. Spindle lock button

Fitting and removing the parallel fence (fig. C)
The parallel fence is used to saw in a straight line parallel to the edge of the workpiece.

Fitting
1. Loosen the locking knob (18).
2. Slide the parallel fence into the desired position.
3. Tighten the locking knob.

Removing
1. Loosen the locking knob (18).
2. Pull the parallel fence off the tool.

Use
This tool can be used in the right hand or the left hand. Warning! Let the tool work at its own pace. Do not overload.

Electronic Function. Laser beam action. Model CS1250L only (Fig.G, H)
Caution! When not in use, be sure to turn off the laser. Never look into the laser beam directly; laser beam may injure your eyes.

CAUTION: LASER RADIATION: DO NOT STARE INTO THE BEAM or any CLASSII LASER PRODUCTS.
Before shifting the laser line or performing maintenance adjustment, be sure to unplug the tool.
1. To turn the laser on/off, toggle the switch (12a) on the back of the laser housing.
2. Slide the parallel fence into the desired position. The corresponding mitre angle can be read from the scale (5).
3. Tighten the locking knob to lock the saw shoe in place.

Switching on and off
1. To switch the tool on, move the lock-off button (2) into the unlock position and squeeze the on/off switch (1).
2. To switch the tool off, release the on/off switch.

Sawing
1. Always hold the tool with both hands.
2. Let the blade run freely for a few seconds before starting the cut.
3. Apply only a gentle pressure to the tool while performing the cut.
4. Work with the shoe pressed against the workpiece.

Dust extraction (fig. F)
An adaptor is required to connect a vacuum cleaner or dust extractor to the tool. The adaptor can be purchased from your local BLACK+DECKER retailer.
1. Insert the dust extraction adaptor into the saw dust outlet (13).
2. Connect the vacuum cleaner hose to the adaptor.

Hints for optimum use
1. As some splintering along the line of cut on the top side of the workpiece cannot be avoided, cut on the side where splintering is acceptable.
2. Where splintering is to be minimised, e.g. when cutting laminates, clamp a piece of plywood onto the top of the workpiece.

Accessories
The performance of your tool depends on the accessory used. BLACK+DECKER and Piranha accessories are engineered to high quality standards and designed to enhance the performance of your tool. By using these accessories you will get the very best from your tool.
Maintenance

Your BLACK+DECKER tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

Warning! Before performing any maintenance on the tool:
- Switch off and unplug the appliance/tool.
- Or switch off and remove the battery from the appliance/tool if the appliance/tool has a separate battery pack.
- Or run the battery down completely if it is integral and then switch off.
- Unplug the charger before cleaning it. Your charger does not require any maintenance apart from regular cleaning.
- Regularly clean the ventilation slots in your appliance/tool/charger using a soft brush or dry cloth.
- Regularly clean the motor housing using a damp cloth. Do not use any abrasive or solvent-based cleaner.
- Regularly open the chuck and tap it to remove any dust from the interior (when fitted).

Mains plug replacement (U.K. & Ireland only)

If a new mains plug needs to be fitted:
- Safely dispose of the old plug.
- Connect the brown lead to the live terminal in the new plug.
- Connect the blue lead to the neutral terminal.
- Connect the green/yellow lead to the earth terminal.

Warning! No connection is to be made to the earth terminal.

Follow the fitting instructions supplied with good quality plugs. Recommended fuse: 13 A.

Protecting the environment

Separate collection. Products and batteries marked with this symbol must not be disposed of with normal household waste.

Products and batteries contain materials that can be recovered or recycled, reducing demand for raw materials. Please recycle electrical products and batteries according to local provisions. Further information is available at www.2helpU.com

Technical data

<table>
<thead>
<tr>
<th>CS1250, CS1250L</th>
<th>Input voltage $V_{ac}$</th>
<th>220-240</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power input $W$</td>
<td>1250</td>
<td></td>
</tr>
<tr>
<td>No-load speed $\text{N}_{\text{b}} \text{s}^{-1}$</td>
<td>5300</td>
<td></td>
</tr>
<tr>
<td>Max. depth of cut $\text{mm}$</td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>Blade diameter $\text{mm}$</td>
<td>190</td>
<td></td>
</tr>
<tr>
<td>Blade bore $\text{mm}$</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>Blade tip width $\text{mm}$</td>
<td>1.9</td>
<td></td>
</tr>
<tr>
<td>Weight $\text{kg}$</td>
<td>3.4</td>
<td></td>
</tr>
</tbody>
</table>

Vibration total values (triax vector sum) according to EN 60745:

| Vibration emission value $(a_{\text{h,w}})$ 3.6 m/s², uncertainty $(K)$ 1.5 m/s² (cutting wood) |         |

EC declaration of conformity

MACHINERY DIRECTIVE

CS1250, CS1250L - Circular saw

Black & Decker declares that these products described under "technical data" are in compliance with:

2006/42/EC, EN60745-1:2010, EN60745-2-5:2010

These products also comply with Directive 2014/30/EU and 2011/65/EU.

For more information, please contact Black & Decker at the following address or refer to the back of the manual. The undersigned is responsible for compilation of the technical file and makes this declaration on behalf of Black & Decker.

R. Laverick
Engineering Manager
Black & Decker Europe, 210 Bath Road, Slough, Berkshire, SL1 3YD
United Kingdom
15/06/2016

Guarantee

Black & Decker is confident of the quality of its products and offers consumers a 24 month guarantee from the date of purchase. This guarantee is in addition to and in no way prejudices your statutory rights. The guarantee is valid within the territories of the Member States of the European Union and the European Free Trade Area.

To claim on the guarantee, the claim must be in accordance with Black&Decker Terms and Conditions and you will need to submit proof of purchase to the seller or an authorised repair agent.

Terms and conditions of the Black&Decker 2 year guarantee and the location of your nearest authorised repair agent can be obtained on the Internet at www.2helpU.com, or by contacting your local Black & Decker office at the address indicated in this manual.

Please visit our website www.blackanddecker.co.uk to register your new Black & Decker product and receive updates on new products and special offers.

Guarantee

Black & Decker is confident of the quality of its products and offers consumers a 24 month guarantee from the date of purchase. This guarantee is in addition to and in no way prejudices your statutory rights. The guarantee is valid within the territories of the Member States of the European Union and the European Free Trade Area.

To claim on the guarantee, the claim must be in accordance with Black&Decker Terms and Conditions and you will need to submit proof of purchase to the seller or an authorised repair agent.

Terms and conditions of the Black&Decker 2 year guarantee and the location of your nearest authorised repair agent can be obtained on the Internet at www.2helpU.com, or by contacting your local Black & Decker office at the address indicated in this manual.

Please visit our website www.blackanddecker.co.uk to register your new Black & Decker product and receive updates on new products and special offers.
<table>
<thead>
<tr>
<th>Country</th>
<th>Company</th>
<th>Address</th>
<th>Phone</th>
<th>Fax</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Black &amp; Decker (Australia) Pty. Ltd.</td>
<td>20 Fletcher Road, Mooroolbark, Victoria, 3138</td>
<td>03-8720 5100</td>
<td>03-9727 5940</td>
</tr>
<tr>
<td>New Zealand</td>
<td>Black &amp; Decker</td>
<td>5 Te Apunga Place, Mt Wellington, Auckland 1060</td>
<td>+64 9 259 1133</td>
<td>+64 9 259 1122</td>
</tr>
<tr>
<td>United Kingdom &amp; Republic Of Ireland</td>
<td>Black &amp; Decker</td>
<td>210 Bath Road, Slough, Berkshire SL1 3YD</td>
<td>01753 511234</td>
<td>01753 512365</td>
</tr>
</tbody>
</table>

www.blackanddecker.co.uk
emeaservice@sbdinc.com