



# Your PDF Guides

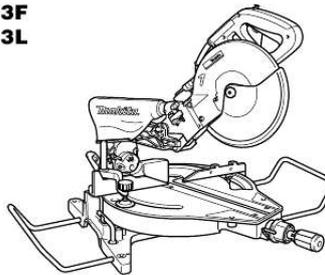
You can read the recommendations in the user guide, the technical guide or the installation guide for MAKITA LS1013. You'll find the answers to all your questions on the MAKITA LS1013 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MAKITA LS1013  
User guide MAKITA LS1013  
Operating instructions MAKITA LS1013  
Instructions for use MAKITA LS1013  
Instruction manual MAKITA LS1013



<b>GB</b> Slide Compound Saw	Instruction Manual
<b>F</b> Scie radiale	Manuel d'instructions
<b>D</b> Verbund-Tischkreissäge	Betriebsanleitung
<b>I</b> Sega composita a slitta	Istruzioni per l'uso
<b>NL</b> Radiaal-/afkortzaag	Gebruiksaanwijzing
<b>E</b> Sierra mixta deslizable	Manual de instrucciones
<b>P</b> Serra de esquadria telescópica	Manual de instruções
<b>DK</b> Kombineret afkorter-geringssav	Bruksanvisning
<b>S</b> Kap-och geringsåg	Bruksanvisning
<b>N</b> Skyvbar kombinasjonssag	Bruksanvisning
<b>SF</b> Ristikelkkasaha	Käyttöohje
<b>GR</b> Ολοθαινοντα σύνθετο πριόνι	Οδηγίες χρήσεως

**LS1013**  
**LS1013F**  
**LS1013L**



[You're reading an excerpt. Click here to read official MAKITA LS1013 user guide](http://yourpdfguides.com/dref/3815438)  
<http://yourpdfguides.com/dref/3815438>

**Manual abstract:**

Be sure that you understand their meaning before use. Do not place hand or fingers close to the blade. @@@@For your safety, remove chips, small pieces, etc. From the table top before operation. @@Failure to do so may cause serious injury to operator. Always remove SUB-FENCE R when performing right bevel cuts. Failure to do so may cause serious injury to operator. Direct laser beam may injure your eyes. @@ â Note: Specifications may differ from country to country. Intended use The tool is intended for accurate straight and miter cutting in wood.

With appropriate saw blades, aluminum can also be sawed. Power supply The tool should be connected only to a power supply of the same voltage as indicated on the nameplate, and can only be operated on single-phase AC supply. They are double-insulated in accordance with European Standard and can, therefore, also be used from sockets without earth wire. Safety hints For your own safety, please refer to the enclosed safety instructions. Keep hands out of path of saw blade.

Do not operate saw without guards in place. Check blade guard for proper closing before each use. Do not operate saw if blade guard does not move freely and close instantly. Never clamp or tie the blade guard into the open position. Do not perform any operation freehand.

The workpiece must be secured firmly against the turn base and guide fence with the vise during all operations. Never use your hand to secure the workpiece. Never reach around saw blade. Turn off tool and wait for saw blade to stop before moving workpiece or changing settings. unplug tool before changing blade or servicing. Always secure all moving portions before carrying the tool. Stopper pin which locks the cutter head down is for carrying and storage purposes only and not for any cutting operations. don't use the tool in the presence of flammable liquids or gases. Check the blade carefully for cracks or damage before operation. replace cracked or damaged blade immediately.

Use only flanges specified for this tool. be careful not to damage the arbor , flanges (especially the installing surface) or bolt. Damage to these parts could result in blade breakage. Make sure that the turn base is properly secured so it will not move during operation. For your safety, remove the chips, small pieces, etc. From the table top before operation. avoid cutting nails. Inspect for and remove all nails from the workpiece before operation. Make sure the shaft lock is released before the switch is turned on. Be sure that the blade does not contact the turn base in the lowest position.

hold the handle firmly. Be aware that the saw moves up or down slightly during start-up and stopping. Make sure the blade is not contacting the workpiece before the switch is turned on. Before using the tool on an actual workpiece, let it run for a while. Watch for vibration or wobbling that could indicate poor installation or a poorly balanced blade.

22. Wait until the blade attains full speed before cutting. 23. Stop operation immediately if you notice anything abnormal. 24.

Do not attempt to lock the trigger in the on position. 25. Be alert at all times, especially during repetitive, monotonous operations. Don't be lulled into a false sense of security. Always use accessories recommended in this manual. Use of improper accessories such as abrasive wheels may cause an injury. 27. Do not use the saw to cut other than aluminum, wood or similar materials. Take care when slotting. Do not use saw blades manufactured from high speed steel.

33. Some dust created from operation contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are: A· Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles. 34. To reduce the emitted noise, always be sure that the blade is sharp and clean. Use correctly sharpened saw blades. Observe the maximum speed marked on the saw blade. 37. Refrain from removing any cut-offs or other parts of the workpiece from the cutting area whilst the machine is running and the saw head is not in the rest position.

When the tool is shipped, the handle is locked in the lowered position by the stopper pin. 1) This tool should be bolted with four bolts to a level and stable surface using the bolt holes provided in the tool's base. Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool. This tool is factory adjusted to provide the max. cutting capacity for a 255 mm saw blade.

When installing a new blade, always check the lower limit position of the blade and if necessary, adjust it as follows: First, unplug the tool. Push the carriage toward the guide fence fully and lower the handle completely. Use the socket wrench to turn the adjusting bolt until the periphery of the blade extends slightly below the top surface of the turn base at the point where the front face of the guide fence meets the top surface of the turn base. With the tool unplugged, rotate the blade by hand while holding the handle all the way down to be sure that the blade does not contact any part of the lower base. After installing a new blade, always be sure that the blade does not contact any part of the lower base when the handle is lowered completely.

Always do this with the tool unplugged. When lowering the handle, the blade guard rises automatically. The blade guard returns to its original position when the cut is completed and the handle is raised. nEVER DEFEAT OR REMOVE THE BLADE GUARD OR THE SPRING WHICH ATTACHES TO THE GUARD. In the interest of your personal safety, always maintain the blade guard in good condition. Any irregular operation of the blade guard should be corrected immediately. If the see-through blade guard becomes dirty, or sawdust adheres to it in such a way that the blade and/or workpiece is no longer easily visible, unplug the saw and clean the guard carefully with a damp cloth. Do not use solvents or any petroleum-based cleaners on the plastic guard. If the blade guard is especially dirty and vision through the guard is impaired, use the supplied socket wrench to loosen the hex bolt holding the center cover.

Loosen the hex bolt by turning it counterclockwise and raise the blade guard and center cover.

With the blade guard so positioned, cleaning can be more completely and efficiently accomplished. When cleaning is complete, reverse procedure above and secure bolt. Do not remove spring holding blade guard. If guard becomes discolored through age or UV light exposure, contact a Makita service center for a new guard. The lower limit position of the blade can be easily adjusted with the stopper arm. to adjust it , rotate the stopper arm in the direction of the arrow as shown in the figure. Adjust the adjusting screw so that the blade stops at the desired position when lowering the handle fully.



[You're reading an excerpt. Click here to read official MAKITA LS1013 user guide](http://yourpdfguides.com/dref/3815438)  
<http://yourpdfguides.com/dref/3815438>

Turn the turn base while pressing down the lock lever. When you have moved the grip to the position where the pointer points to the desired angle on the miter scale, securely tighten the grip clockwise. **CAUTION:** ⚠ When turning the turn base, be sure to raise the handle fully.

⚠ After changing the miter angle, always secure the turn base by tightening the grip firmly. This tool is provided with the kerf boards in the turn base to minimize tearing on the exit side of a cut. The kerf boards are factory adjusted so that the saw blade does not contact the kerf boards. Before use, adjust the kerf boards as follows: First, unplug the tool. Loosen all the screws (2 each on left and right) securing the kerf boards.

Re-tighten them only to the extent that the kerf boards can still be easily moved by hand. Lower the handle fully and push in the stopper pin to lock the handle in the lowered position. Loosen the knob which secures the slide poles. Pull the carriage toward you fully. Adjust the kerf boards so that the kerf boards just contact the sides of the blade teeth.

Tighten the front screws (do not tighten firmly). After adjusting the kerf boards, release the stopper pin and raise the handle. Before and after changing the bevel angle, always adjust the kerf boards as described above. Unlock the arm by pushing the handle somewhat strongly in the direction that you intend to tilt the saw blade. Tilt the saw blade until the pointer points to the desired angle on the bevel scale. When tilting the saw blade, be sure to raise the handle fully.

⚠ After changing the bevel angle, always secure the arm by tightening the lever clockwise. ⚠ When changing bevel angles, be sure to position the kerf boards appropriately as explained in the "Positioning kerf boards" section. Before plugging in the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released. Do not pull the switch trigger hard without pressing in the lock-off button.

13) To prevent the switch trigger from being accidentally pulled, a lock-off button is provided. To start the tool, push the lever to the left, press in the lock-off button and then pull the switch trigger. 14) To prevent the switch trigger from being accidentally pulled, a lock-off button is provided. **NEVER** use tool without a fully operative switch trigger. Any tool with an inoperative switch is **HIGHLY DANGEROUS** and must be repaired before further usage. ⚠ For your safety, this tool is equipped with a lock-off button which prevents the tool from unintended starting. **NEVER** use the tool if it runs when you simply pull the switch trigger without pressing the lock-off button. Return tool to a Makita service center for proper repairs **BEFORE** further usage. ⚠ **NEVER** tape down or defeat purpose and function of lock-off button. For model LS1013L only **CAUTION:** ⚠ never look into the laser beam.

Direct laser beam may injure your eyes. To turn on the laser beam, press the upper position (I) of the switch. Press the lower position (O) to turn off. (Fig. 19) Laser line can be shifted to either the left or right side of the saw blade by adjusting the adjusting screw as follows.

Loosen the adjusting screw by turning it counterclockwise. 2. With the adjusting screw loosened, slide the adjusting screw to the right or left as far as it goes. 3. Tighten the adjusting screw firmly at the position where it stops sliding.

Laser line is factory adjusted so that it is positioned within 1 mm from the side surface of the blade (cutting position). **NOTE:** ⚠ When laser line is dim and almost or entirely invisible because of the direct sunlight in the indoor or outdoor window-by work, relocate the work area to a place not exposed to the direct sunlight. This is not a rainproof light. Do not wash : ⚠ When cutting long workpieces, use supports that are as high as the top surface level of the turn base. Support workpiece over its entire length to avoid blade pinch and possible **KICKBACK**. This tool is equipped with the sub-fence which should ordinarily be positioned as shown in Fig. 31. However, when performing left bevel cuts, set it to the left position as shown in Fig. When performing left bevel cuts, flip the fence over to the left position as shown in Fig. 32.

Otherwise, it will contact the blade or a part of the tool, causing possible serious injury to the operator. Tighten the screws which come with the sub-fence R to secure the sub-fence R. **CAUTION:** ⚠ When performing right bevel cuts, never use the sub-fence R. The vertical vise can be installed in two positions on either the left or right side of the guide fence or the base. Insert the vise rod into the hole in the guide fence and tighten the screw on the back of the guide fence to secure the vise rod. Position the vise arm according to the thickness and shape of the workpiece and secure the vise arm by tightening the screw. If the screw to secure the vise arm contacts the guide fence, install the screw on the opposite side of vise arm. Make sure that no part of the tool contacts the vise when lowering the handle fully and pulling or pushing the carriage all the way. If some part contacts the vise, re-position the vise. Press the workpiece flat against the guide fence and the turn base.

The workpiece must be secured firmly against the turn base and guide fence with the vise during all operations. 29) The use of the dust bag makes cutting operations clean and dust collection easy. @@@@ insufficient tightening may cause unexpected kickback of the blade. Possible serious **PERSONAL INJURY** may result. Pull the carriage toward you fully.

@@@ **NEVER START THE CUT WITH THE CARRIAGE NOT FULLY PULLED TOWARD YOU.** @@ ⚠ Never perform the slide cut with the handle locked in the lowered position by pressing the stopper pin. ⚠ Never loosen the knob which secures the carriage while the blade is rotating. This may cause serious injury. 40) Loosen the lever and tilt the saw blade to set the bevel angle (Refer to the previously covered "Adjusting the bevel angle").

Make sure the carriage is pulled all the way back toward the operator. @@ Then gently lower the handle to the fully lowered position while applying pressure in parallel with the blade and **PUSH THE CARRIAGE TOWARD THE GUIDE FENCE TO CUT THE WORKPIECE.** @@ The holders can be installed on either side as a convenient means of holding workpieces horizontally. Slip the holder rods into the holes in the base and adjust their length according to the workpiece to be held. Then tighten the holders securely with the screws. **CAUTION:** ⚠ Always support long workpieces level with the top surface of the turn base for accurate cuts and to prevent dangerous loss of control of the tool. Before use, be sure to release the handle from the lowered position by pulling the stopper pin.



[You're reading an excerpt. Click here to read official MAKITA LS1013 user guide](http://yourpdfguides.com/dref/3815438)  
<http://yourpdfguides.com/dref/3815438>

• Make sure the blade is not contacting the workpiece, etc. Before the switch is turned on. • Do not apply excessive pressure on the handle when cutting.

Too much force may result in overload of the motor and/or decreased cutting efficiency. Push down handle with only as much force as is necessary for smooth cutting and without significant decrease in blade speed. If the handle is pressed down with force or if lateral force is applied, the blade will vibrate and leave a mark (saw mark) in the workpiece and the precision of the cut will be impaired. • During a slide cut, gently push the carriage toward the guide fence without stopping. If the carriage movement is stopped during the cut, a mark will be left in the workpiece and the precision of the cut will be impaired. Always be sure that the blade will move down to bevel direction during a bevel cut. Keep hands out of path of saw blade. • During a bevel cut, it may create a condition whereby the piece cut off will come to rest against the side of the blade. If the blade is raised while the blade is still rotating, this piece may be caught by the blade, causing fragments to be scattered which is dangerous. The blade should be raised ONLY after the blade has come to a complete stop. • When pressing down the handle, apply pressure in parallel with the blade. If a force is applied perpendicularly to the turn base or if the pressure direction is changed during a cut, the precision of the cut will be impaired. • Always set the sub-fence to the left position when performing left bevel cuts. 5. Compound cutting Compound cutting is the process in which a bevel angle is made at the same time in which a miter angle is being cut on a workpiece. Be sure to return the stopper arm to the original position when performing other than groove cutting. Secure the slide poles after pulling the carriage toward you fully. Lower the handle fully and lock it in the lowered position by pushing in the stopper pin. , you can carry the tool more easily. Always secure all moving portions before carrying the tool.

• Stopper pin is for carrying and storage purposes only and not for any cutting operations. Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance. **WARNING:** • Always be sure that the blade is sharp and clean for the best and safest performance. At the miter angle of left 45° and bevel angle of left 45°, workpieces up to 50 mm high and 200 mm wide can be cut. At the miter angle of right 45° and bevel angle of left 45°, workpieces up to 50 mm high and 215 mm wide can be cut. At the miter angle of left and right 45° and bevel angle of right 45°, workpieces up to 31 mm high and 215 mm wide can be cut. Cutting aluminum extrusion When securing aluminum extrusions, use spacer blocks or pieces of scrap as shown in Fig. 41 to prevent deformation of the aluminum. Use a cutting lubricant when cutting the aluminum extrusion to prevent build-up of the aluminum material on the blade. **CAUTION:** • Never attempt to cut thick or round aluminum extrusions.

Thick aluminum extrusions may come loose during operation and round aluminum extrusions cannot be secured firmly with this tool. 43) A dado type cut can be made by proceeding as follows: Adjust the lower limit position of the blade using the adjusting screw and the stopper arm to limit the cutting depth of the blade. refer to "Stopper arm" section described previously. After adjusting the lower limit position of the blade, cut parallel grooves across the width of the workpiece using a slide (push) cut as shown in the figure. Then remove the workpiece material between the grooves with a chisel. Do not attempt to perform this type of cut using wide (thick) blades or with a dado blade. This tool is carefully adjusted and aligned at the factory, but rough handling may have affected the alignment. If your tool is not aligned properly, perform the following: 1. miter angle Push the carriage toward the guide fence and tighten the knob to secure the carriage. Loosen the grip which secures the turn base.

Turn the turn base so that the pointer points to 0° on the miter scale. Then turn the turn base slightly clockwise and counterclockwise to seat the turn base in the 0° miter notch. Square the side of the blade with the face of the guide fence using a triangular rule, try-square, etc. Then securely tighten the hex bolts on the guide fence in the order from the right side. If the pointer does not point to 0°, loosen the screw which secures the pointer and adjust the pointer so that it will point to 0°.

Lower the handle fully and lock it in the lowered position by pushing in the stopper pin. 49) Turn the hex bolt on the left side of the arm two or three revolutions counterclockwise. Turn the hex bolt on the right side of the arm two or three revolutions counterclockwise to tilt the blade to the left. (Fig. 50) Carefully square the side of the blade with the top surface of the turn base using the triangular rule, try-square, etc. by turning the hex bolt on the right side of the arm clockwise. Turn the hex bolt on the left side of the arm clockwise as far as it will go. 51) Make sure that the two pointers on the arm point to each 0° on the bevel scale on the arm holder. If they do not point to 0°, loosen the screws which secure the pointers and adjust them so that they will point to 0°. To adjust left 45° bevel angle, loosen the lever and tilt the blade to the left fully. make sure that the pointer on the arm points to 45° on the bevel scale on the arm holder. If the pointer does not point to 45°, turn the left 45° bevel angle adjusting bolt on the side of the arm holder until the pointer points to 45°. When adjusting the laser line appears on the left side of the saw blade Screw to change the movable range of the adjusting screw Adjusting screw Hex wrench Laser line Saw blade When adjusting the laser line appears on the right side of the saw blade Screw to change the movable range of the adjusting screw Saw blade Laser line The hex lock nut holding together the arm and arm holder has been factory adjusted to assure smooth beveling action and to guarantee precise cutting. Do not tamper with it. Should looseness develop at the arm and arm holder connection, tighten the hex lock nut using a wrench.

For model LS1013L only **WARNING:** • As the tool is plugged when adjusting the position of laser line, take a full caution especially at switch action. Never apply a blow or impact to the tool. A blow or impact causes the incorrect position of laser line, damage to the laser beam emitting part or a short life of the tool. Draw the cutting line on the workpiece and place it on the turn table.



[You're reading an excerpt. Click here to read official MAKITA LS1013 user guide](http://yourpdfguides.com/dref/3815438)  
<http://yourpdfguides.com/dref/3815438>

At this time, do not secure the workpiece with a vise or similar securing device. 3. Lower the blade by lowering the handle and just check to see where the cutting line and the position of the saw blade is. (Decide which position to cut on the line of cut. ) 4. After decision the position to be cut, return the handle to the original position.

Secure the workpiece with the vertical vise without shifting the workpiece from the pre-checked position. The position of laser line can be changed as the movable range of the adjusting screw for the laser is changed by turning two screws with a hex wrench. (The movable range of laser line is factory adjusted within 1 mm from the side surface of blade. ) To shift the laser line movable range further away from the side surface of blade, turn the two screws counterclockwise after loosening the adjusting screw. @@@@Do not use solvents or any petroleum-based cleaners on the lens.

To remove the lens for the laser light, remove the saw blade before removing the lens according to the instructions in the section titled "Installing or removing saw blade". Loosen but do not remove the screw which secures the lens using a screwdriver. If the lens does not come out, loosen the screw further and pull out the lens again without removing the screw. These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons.

Only use accessory or attachment for its stated purpose. If you need any assistance for more details regarding these accessories, ask your local Makita service center. Steel & Carbide-tipped saw blades Dust bag Sub-fence R Elbow Vise assembly (Horizontal vise) Triangular rule Vertical vise Lock-off button (2 pcs. Always be sure that the tool is switched off and unplugged before replacing the fluorescent tube. â Do not apply force, impact or scratch to a fluorescent tube, which can cause a glass of the fluorescent tube to be broken resulting in a injury to you or your bystanders. â Leave the florescent tube for a while immediately after a use of it and then replace it. If not, you may burn yourself. Remove screws, which secure Lamp box for the light. Pull out the Lamp box keeping pushing lightly the upper position of it as illustrated on Fig. 59.

Pull out the fluorescent tube and then replace it with Makita original new one. Replace when they wear down to the limit mark. Keep the carbon brushes clean and free to slip in the holders. Both carbon brushes should be replaced at the same time. Take out the worn carbon brushes, insert the new ones and secure the brush holder caps. After use, wipe off chips and dust adhering to the tool with a cloth or the like. Keep the blade guard clean according to the directions in the previously covered section titled "Blade guard". Lubricate the sliding portions with machine oil to prevent rust. â When storing the tool, pull the carriage toward you fully so that the slide pole is thoroughly inserted into the turn base. To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized Service Centers, always using Makita replacement parts.

We declare under our sole responsibility that this product is in compliance with the following standards of standardized documents, EN61029, EN55014, EN61000 in accordance with Council Directives, 73/23/EEC, 89/336/EEC and 98/37/EC. For European countries only Noise and Vibration The typical A-weighted noise levels are sound pressure level: 88 dB (A) sound power level: 101 dB (A) Â Wear ear protection. Â The typical weighted root mean square acceleration value is not more than 2. 5 m/s<sup>2</sup>. These values have been obtained according to EN61029.



[You're reading an excerpt. Click here to read official MAKITA](http://yourpdfguides.com/dref/3815438)

[LS1013 user guide](http://yourpdfguides.com/dref/3815438)

<http://yourpdfguides.com/dref/3815438>