



Instruction Manual

The Cuttari is a machine that has been designed for cutting panels with professional quality while reducing operator effort. Easily make precise square and diagonal cuts through a wide range of materials at various thicknesses. The solid structure of the Cuttari allows small and medium production for many years when properly cared for.

This instruction manual is designed to teach the procedures for setting, operating and maintaining the Cuttari machine properly and safely.

PLEASE REVIEW THIS ENTIRE HANDBOOK BEFORE OPERATING

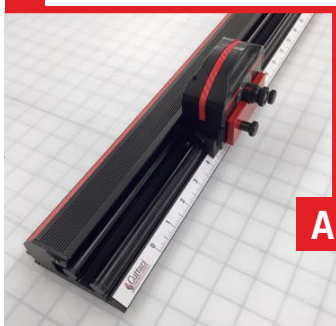
WARNING: IF it is necessary to move the machine, PLEASE make sure that the blade is NOT set in the machine. The blade MUST be removed before moving the machine.

NOTICE: The Cuttari works on a clean, flat surface only.

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Placing the Machine

After the machine is unpacked, you can set it up using one of the three options below. You should place it in order to have enough space for you to work, remembering that you'll have to work in front and on the side of the machine. The Cuttari works on a clean, flat surface only.



Set Up Options

A Temporary placement on working table

Cutting mat is highly recommended

- Portable; Easy to move and reposition per job
- Save money on fixing kit
- Must use cutting mat or anti-scratch pad
- More attention and force (firm pressure) needed for accuracy



B Temporary placement on working table's edge

No cutting mat required

- Portable; Easy to move and reposition per job
- Save money on fixing kit and cutting mat
- More attention and force (firm pressure) needed for accuracy



C Fixed Placement on working table's edge

Fixing Kit* required, No cutting mat required

- Highly accurate with no need to reposition
- Semi-permanent placement
- Save money on cutting mat
- Screw to surface for more secure & permanent placement (screws are NOT included)

*The optional Fixing Kit add-on includes lifters, which are used to raise and lower the machine once it is clamped to the surface (clamps are NOT included)

Placing the Blade

Before any cutting job, it is important to begin by checking that the blade is in perfect condition and that the blade is correctly set in the blade holder. The Cuttari accepts standard utility blades.

ATTENTION: Blades are very sharp. Handle with care, making sure you don't touch the blade without proper gloves.

- 1** Unscrew the blade-stop knobs of the blade holder.
- 2** Carefully remove the blade holder from the trolley.
- 3** Remove the current blade from the blade holder (be sure to wear proper gloves) - If the blade was only used on one end, you can flip the blade to use the other end.
- 4** It may help to move the machine so it's on the table's edge (**WARNING: DO NOT MOVE THE MACHINE UNLESS THE BLADE HAS BEEN REMOVED FIRST**).
- 5** Insert the new blade in the holder, making sure it is perfectly set in position (see photo below) - Inside the holder, there is a magnetic head that keeps the blade in place. The Cuttari accepts standard utility blades.
- 6** Place the blade holder back on the trolley and fix into place, using the blade-stop knobs.



Blade Position in Holder



Cutting

The Cuttari is made to cut material up to 12mm thick

PLEASE REVIEW THIS MATERIAL THICKNESS GUIDE TO BE SURE YOU ARE USING PROPER METHODS FOR CUTTING DIFFERENT MEDIA.

Soft/Thin Materials

These materials do not require maximum pressure and usually only take one pass to cut through

Set the blade to the desired depth using the **depth regulator knob** on the trolley (photo below), at least 2mm deeper than each thin material works best.

Find the position that works for you (see photos, left), then press down on the trolley until the blade touches the working table. If your machine is set at the edge of the table, press the trolley down as far as it will go.

Start cutting with the blade positioned at least one inch before the sheet to be cut. Always use your other hand to stabilize the machine.

The Cuttari Cutters cuts from low to high. In other words, all cuts must be made in one direction. The blade is always mounted in an orientation that requires the cutter to cut from a lower number (on the ruler) and cut toward the higher ruler numbers.



Left-handed - Place left hand palm on top of trolley, using your fingers to pull the blade toward you. Use your right hand to stabilize the machine.



Right-handed - Place right hand fingers on top of the trolley, using the palm to push the blade away from you. Use your left hand to stabilize the machine.



Depth Regulator Knob

Cutting

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Hard/Rigid Materials

These materials require firm pressure and are best cut in several passes, while increasing the depth with each cut

MORE CUTS = MORE ACCURACY

The best way to cut hard or rigid materials on the Cuttari is to make a starting cut at a short depth and gradually increase the blade depth with each cut. Set the first depth using the **depth regulator knob** (photo, bottom of pg 3). Find the position that works for you (see photos, right). Press the trolley down as far as it will go.

Start cutting with the blade positioned at least one inch before the sheet to be cut. Always use your other hand to stabilize the machine.

All cuts must be made in the direction of the blade on the cutter, which cuts from low to high on the ruler. The blade must start from the low measurement and move upward. Always use your second hand to stabilize the machine.

NOTICE: The standard setup of this machine does NOT allow for cutting plexiglass, rigid PVC or glass. Plexiglass and rigid PVC require a special PVC blade. Glass requires a glass cutting wheel.

The Cuttari is made to cut material up to 12mm thick



Left-handed - Place left hand palm firmly on top of the trolley, using your fingers to pull the blade toward you. Use your right hand to stabilize the machine.



Right-handed - Place right hand fingers firmly on top of the trolley, using palm to push the blade away from you. Use your left hand to stabilize the machine.

Trolley Adjustment

After a long working period, or if the operator prefers a harder or softer-moving trolley, the friction level can be adjusted.

1



2

3

4

To increase or decrease trolley movement friction:

- 1 Remove the blade holder by unscrewing the two blade-stop knobs (also shown on pg 2).
- 2 Unscrew the two screws that are now visible on the trolley.
- 3 Remove the top section of the trolley by pulling upwards to reveal two springs and three holes.
- 4 Adjust the friction using the left and right holes on the exposed inner part of the trolley. Regulate with a 2.5mm or 3/32in Allen Key: **Clockwise movement increases friction and Counterclockwise movement decreases it.**
- 5 Re-assemble all pieces, making sure that the trolley springs are in their holes.
- 6 While pressing the trolley down, re-insert the two screws into the lower slots.

Lubrication & Maintenance



To ensure that the trolley will slide properly over time, apply 3-in-One oil to lubricate the sliding guides.

Keep the machine clean from any waste and make sure there aren't any scraps under the bar. Make sure the pieces of anti-sliding rubber protection are positioned properly under the machine; this allows the Cuttari to lay firmly on the table and avoid damage to cutting materials.

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Safety Rules

- Place and use the machine on a level surface only
- Use Cuttari original/compatible products only
- Use the tools for their intended purpose only
- Before operating and routine maintenance, check for damaged parts to replace (always check the blade)
- If moving the machinery, handle carefully to avoid personal injuries and damages to the machine
- Always remove the blade before moving the machine
- DO NOT use drugs, alcohol or medication before or while operating the Cuttari

DURING MACHINE OPERATION

- DO NOT adjust the machine while it is operating
- Make sure only the operator is close to the machine while it is operating
- DO NOT wear loose clothing, which may get entangled in the moving parts
- Keep yourself as far as possible from the moving parts
- Avoid putting hands in the range of action of moving parts
- Only allow skilled operators to use the machine
- If any part of your machine needs a repair, please contact Cuttari Cutters

AFTER MACHINE OPERATION

- Always be sure to keep the machine clean, lubricated and in good working condition
- Regular maintenance will guarantee perfect performance of the machine

Responsibility

THE USER IS RESPONSIBLE FOR KNOWING AND FOLLOWING THE SAFETY INSTRUCTIONS OF THIS MANUAL

CUTTARI IS NOT RESPONSIBLE FOR PERSONAL INJURIES CAUSED DURING THE USE OF THIS MACHINE

Materials & Components

This machine is produced in Italy. The complete casing is anodized 18 micron, matte black with high quality finishing. All screws and nuts are made with the best quality steel with anti-rust treatment of galvanization. All the mechanical parts are produced by computerized machinery with numerical control.



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Cuttari is not responsible for personal injuries caused during the use of this machine.