



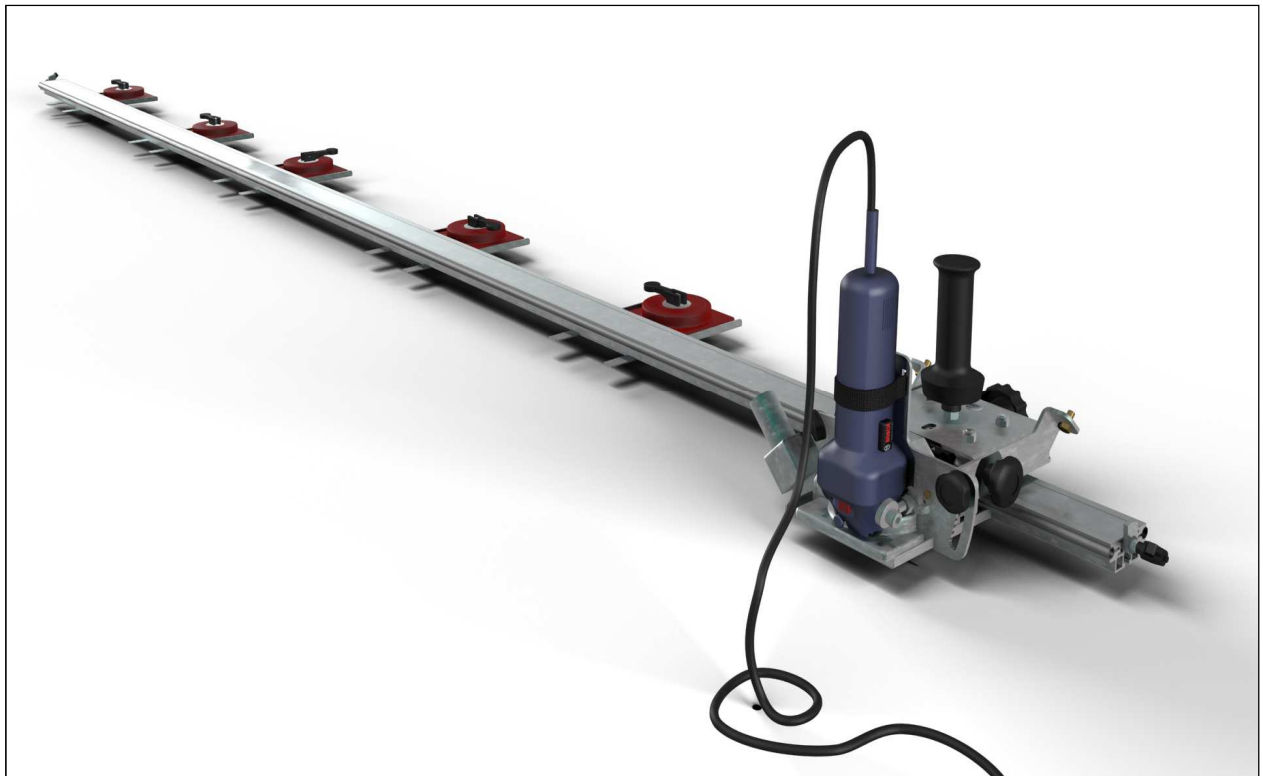
MACCHINE E ACCESSORI PER LA POSA  
*MACHINES AND ACCESSORIES FOR TILING*

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# **SIRIFLEX**

## **CUTTING MACHINE FOR LARGE TILES**

**ORIGINAL INSTRUCTIONS**



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# 1 Introduction

## IMPORTANT

**BEFORE DOING ANY WORK ON THE MACHINES, ALL OPERATORS AND TECHNICIANS ASSIGNED TO WORK ON THE MACHINES MUST READ THE INSTRUCTIONS LAID OUT IN THIS MANUAL (AND THOSE IN THE ATTACHMENTS) WITH GREAT ATTENTION AND FOLLOW THEM WHEN CARRYING OUT WORK.**

**IF ANY DOUBT ARISES AS TO THE CORRECT INTERPRETATION OF THE INSTRUCTIONS, PLEASE CONTACT OUR ASSISTANCE SERVICE FOR THE NECESSARY CLARIFICATIONS.**

### 1.1 GENERAL INFORMATION ON USING THE MACHINE

This instruction manual refers to:

TYPE OF MACHINE: CUTTING MACHINE FOR LARGE TILES

SERIES AND TYPE: **SIRIFLEX**

YEAR OF CONSTRUCTION: **2017**

This operating manual contains the most important information regarding storage, handling, installing, using, looking after and servicing the machine. This manual is an integral part of the machine and must be kept carefully until it is dismantled so that future updates can be referred to.

If the copy of the manual you have is damaged to the extent it is illegible, you can ask:

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for another copy specifying the type of machine, serial number or the number on the machine's data plate.

#### **The official language chosen by the manufacturer is: Italian**

The manufacturer does not accept any responsibility for translations in other languages that do not conform to the original meaning.

This manual reflects the state of the machine at the time of its supply and cannot be deemed inadequate only because of subsequent updates based on new know how and expertise. **SIRI srl** reserves the right to update the drawing up of manuals without any obligation to update previous manuals and without any obligation to inform users of machinery supplied at earlier dates. Advising of possible updates to the manual and/or machines is however considered a form of courtesy.

The customer assistance service will, upon request, provide information about updates made to machines by **SIRI srl**.

**SIRI srl** considers itself relieved of any and all responsibilities in the case of an incorrect use of the machine, for example:

- a) improper use of the machine or if used by untrained personnel;
- b) use contrary to specific standards;
- c) incorrect installation;
- d) faults with the electricity supply;
- e) serious lack of maintenance;
- f) unauthorised interventions or alterations;
- g) use of non-original spare parts or not specific for the model;
- h) total or partial non-observance of the instructions;
- i) exceptional events.

The purpose of this manual is to provide the user with a general knowledge of the machine and the instructions for its maintenance deemed necessary for it to work properly.

Read this manual carefully before starting to install, service and repair the machine; it contains all the information needed to ensure correct use of the machine and to avoid accidents.

The frequencies for checking and servicing the machine specified in this manual are the minimum necessary to guarantee a long life to it and that it works efficiently and safely; it must be constantly monitored and any malfunctions that may occur must be seen to immediately.

All routine maintenance, checks and general lubricating must be done with the machine completely still and disconnected from energy supplies (electricity and other types).



### CAUTION

**If the machine and/or its safety devices are altered or tampered with in any way without the manufacturer's authorisation means that the manufacturer is no longer liable in terms of the warranty and safety.**

## 1.2 GENERAL PRECAUTIONS REGARDING USE OF THE MACHINE

These indications are included in the normal conduct workers must have when using the machinery and hence, in the design and construction of the machinery the manufacturer has considered them as being known to the operator.

**It is the user's job to inform and train the operators working on the machine, making them fully aware of all such indications.**

- If there is a safety selector switch or a safety lock with key, the maintenance engineer and operator must remove the key and keep it on their person or somewhere that is accessible only to them and authorised personnel.
- Do not let unauthorised personnel work on the machine.
- Do not start the machine if it is malfunctioning.
- Before using the machine make certain that any condition that can be dangerous for safety has been properly dealt with and eliminated.
- Make sure that all guards and other protections are in place and that all the safety devices are also in place and working efficiently.
- Ensure that there are no foreign objects in the area where the operator is working.
- Whenever there is a possibility of being hit by flying or falling solid parts or the likes, wear safety goggles with side pieces, hardhats or gloves, if necessary.
- Individual protective gear must be worn whenever and wherever prescribed.

### PRECAUTIONS RELATING TO ELECTRICAL EQUIPMENT:

Only qualified, skilled personnel must be allowed to connect, start-up, service, measure and adjust the electrical equipment or its components. The existing standards must be complied with when working on live parts.

### 1.3 PICTOGRAMS REGARDING THE OPERATOR'S JOB

The meanings of the symbols recurring in this manual are given below. When such symbols are at the beginning of a paragraph it indicates the type of person it is intended for but nonetheless everyone using the machinery and those who intend doing anything at all on it must be FULLY AWARE of all the contents of this manual.



**Labourer:** worker with no specific skills, capable of carrying out only simple tasks following the directions of skilled technicians.



**Hoisters and handlers:** workers skilled at using material and machinery hoisting and handling means (scrupulously following the manufacturer's instructions), in compliance with the laws existing in the country where the machine is used.



**Mechanical maintenance engineer:** qualified mechanic who can use the machine under normal conditions, make it work with hold-to-run control and with the guards/protections disabled, work on mechanical parts, make adjustments and do the necessary maintenance and repair work. Typically, this person is not qualified to work on live electrical systems.

**Electrical maintenance engineer:** qualified electrician who can use the machine under normal conditions, make it work with hold-to-run control and with the guards/protections disabled; he is qualified for all jobs of an electrical nature including adjusting, servicing and repairing. He can work on live parts inside cabinets and junction boxes.



**Manufacturer's technician:** qualified technician made available by the manufacturer of the machinery who can carry out operations of a complex nature in particular situations or as agreed with the user. This person's jobs are, according to the case, of a mechanical and/or electrical nature.

### 1.4 PICTOGRAMS REGARDING SAFETY

The safety pictograms used on the machine and/or in this manual are given below.



**Cutting hazard:** This informs the people involved that the operation described, if not carried out in compliance with the safety regulations, does mean there is a risk of hands being cut.



**Electrocution hazard:** This informs the people involved that the operation described, if not carried out in compliance with the safety regulations, does mean there is a risk of electric shock.



**Sliver hazard:** This informs the people involved that the operation described, if not carried out in compliance with the safety regulations, does mean there is a risk of being hit by slivers.



**Mandatory to wear ear protectors:** When this symbol is shown by the side of the description it means that the operator must wear ear protectors as there is a sure risk of acoustic pollution.



**Mandatory to wear protective clothing/gear:** When these symbols are shown by the side of the description it means that the operator must wear protective goggles and accident prevention gloves.

## 1.5 PICTOGRAMS ON THE MACHINE

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## 2 Presentation of the machine

### 2.1 INTENDED USE



SIRIFLEX has been designed and made to cut large porcelain stone, marble and granite tiles.

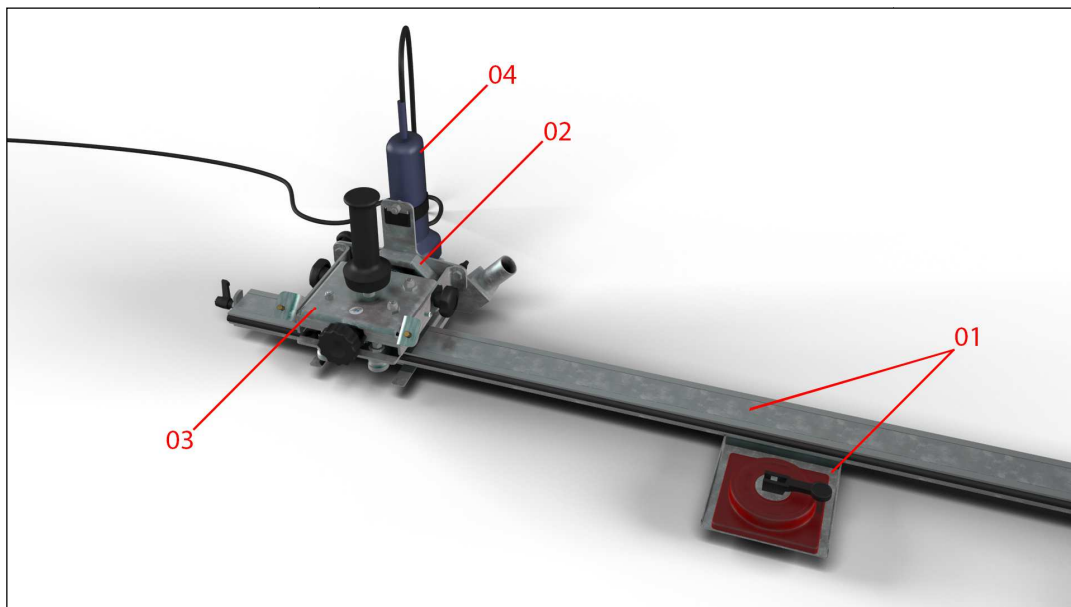


Fig. 2.1 Machine components.

Referring to the figure above, the machine is made up of the following groups:

- 1) guides in aluminium with suction pads (3 guides, each one with 2 suction pads);
- 2) Grinder cutting blade (inside the guard);
- 3) sliding support (carriage);
- 4) angle grinder (BOSCH – GWS 7-115 Professional);

- The machine is intended for industrial use in normal environmental conditions as defined in point 4.4 of EN 60204-1. These conditions relate to the use of the machine.
- Use of the machine must be entrusted to a person to whom the machine's features have been explained and who knows what the contents of this manual are.
- The machine works manually.

## 2.2 OVERHEAD NOISE EMISSION

The point in which the sound power level is measured is the normal position of the operator.

\*\*

The measurements were taken in accordance with the ISO 11201 and ISO 3744 standards.

**The acoustic pressure level produced by the machine is such to make it mandatory to wear noise protection (headsets or earplugs).**

## 2.3 TECHNICAL DATA

The technical data relating to the machine are given in the grinder manual which may or may not be provided by the manufacturer.

The user can fit an **equivalent** grinder on the sliding support.

The measurements of the clamp between the sliding support and the grinder must range between ..... mm and .....mm.

<b>Technical data</b>	<b>SIRIFLEX</b>
<b>Linear cut</b>	depending on the guide used (see table 2.3.1)
<b>45° cut</b>	as for the linear cut
<b>Type of material</b>	porcelain stone and marble
<b>Minimum width</b>	300mm
<b>Maximum length</b>	depending on the guide used
<b>Maximum tile thickness</b>	20 mm
<b>Type of blade and Ø</b>	115 mm continuous perimeter diamond blade
<b>Blades forbidden to use</b>	segmented
<b>Weight</b>	7 Kg
<b>Overall dimensions</b>	320x300x350 mm

		SIRIFLEX CUT	BAR LENGTH			SIRIFLEX CUT	BAR LENGTH
SINGLE GUIDES			MODULAR GUIDES				
ART.				ART.			
16121G	Cm	121	151				
16151G	Cm	151	181				
16201G	Cm	201	231	16201GC	cm	201	226
16301G	Cm	301	331	16301GC	cm	306	336
16371G	Cm	371	401	16371GC	cm	371	401

**It is up to the user to fit the machine with a suitable suction system based on the above data.**



The following accessories **could** be supplied with the machine:

- O –BOSCH GWS 7-115 Professional angle grinder
- O –BOSCH GWS 7-115E Professional angle grinder (with electronic speed adjuster)
- O – handle and wrench to unscrew the blade (BOSCH)
- O – supporting table art. 6335 / art 6335-1
- O – “Siriup”, tile lifting system

Tools supplied with the machine:

- 19 mm wrench
- 6 mm and 8 mm Allen wrenches

The temperature at which the machine should be used is comprised between 0 and 45° C.

## 2.4 IDENTIFICATION PLATES



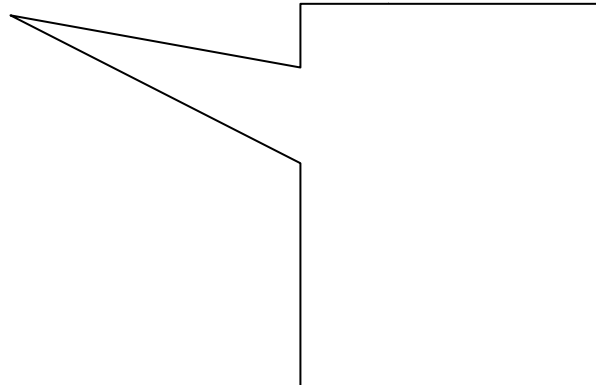
The machine is built complying with the requirements of the Machine Directive 2006/42 EC and the EMC Directive 2004/108 EC. The declaration of conformity is attached to this manual.



By giving the exact **Model**, **Serial number** and **year of construction** will make it easier for our Customer Assistance Service to give quicker and accurate answers. These data can be found on the plate installed on your machine.



It is forbidden to alter or remove these plates.



The following data are given on these plates:



- Manufacturer's data
- Type of machine, series and model, serial number
- **CE** mark and year the machine was built
- Hz, Kw, A, V, **Kg**



\*\*

## 2.5 TYPES OF USABLE BLADES



The machine can only be used with the types of cutting blades shown here below:



- A) 115 mm continuous perimeter blade for marble and porcelain stone
- 115 mm continuous perimeter blade for ceramic



### CAUTION

**Only continuous perimeter blades must be mounted on the machine. It is absolutely forbidden to use notched blades for cutting wood, iron or similar materials. S.I.R.I. SRL will not be held responsible under any circumstances for incorrect use of blades. The warranty is invalidated immediately if the cutting blades used differ from those specified; S.I.R.I. is relieved from any liabilities for accidents caused by improper use.**

## 3 Safety protections and residual risks

### 3.1 BLADE GUARD

The cutting blade is protected by an iron guard preventing access to most of its circumference (only the bottom part that cuts the material remains unprotected).

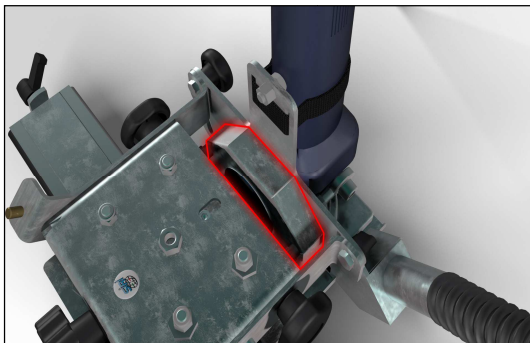


Fig. 3.1 Cutting blade's fixed guard

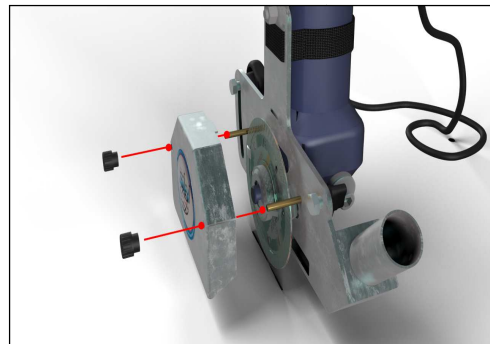


Fig. 3.1.1 Fixing the guard with screws.



**CAUTION**

**It is absolutely forbidden to start the machine if the guard is not in place.**



### 3.2 RESIDUAL RISKS



Despite the protections used, the machine still has some residual risks when cutting and handling the tiles.



**It is mandatory to wear accident prevention footwear.**

**Residual risk - if there is a power cut the grinder turns off but starts up again without any forewarning when power returns. Attention danger!**

\*\*

#### 3.2.1 Cutting risk

There is a cutting hazard on the part of the blade that cannot be protected by the guard. It is therefore absolutely forbidden to go near the cutting blade with any part of your body whether the machine is working or completely still. All operators using the machine and anyone transiting or that could transit in the working area must be informed about such a risk and must be forbidden to go anywhere near the blade.

**It is mandatory to wear proper and specific gloves.**



As machining dust can be inhaled, **it is mandatory to wear a dustproof mask.**

**The operator must have his/her whole body covered** (if necessary wear work overalls) so as to avoid abrasions caused by residual material being ejected from the machine while working.



**CAUTION**

**It is absolutely forbidden to go near the cutting blade either with your hands or face when the machine is connected to the electricity mains.**

#### 3.2.2 Risk for eyes

There is a risk of machining slivers being projected towards the operator. It is therefore mandatory to wear specific eye protecting goggles when working with the machine.



**CAUTION**

**It is absolutely forbidden to use the machine if you are not wearing the protective goggles.**

### 3.2.3 Risk for hearing

The sound level reached when working is such as to damage hearing in the case of prolonged exposure. It is therefore mandatory to wear noise protection (headsets or earplugs).



#### CAUTION

**It is mandatory to wear headsets or earplugs when working with the machine.**

## 4 General



**As regards to the characteristics of the materials being handled, before doing any work on the machine it is necessary to read the operating manual from cover to cover, paying particular attention to this chapter. The instructions given in this chapter must be made known to all those who will be working on the machine and displayed accessibly and visibly in the workshop.**



The machine was designed and built in compliance with the **Machine Directive 2006/42 EC** taking into account the normal use and the reasonably foreseeable incorrect use.



### 4.1 GENERAL RECOMMENDATIONS

- Operators, maintenance engineers and everyone who will be working and/or transiting near the machine, must not wear clothes with wide, loose sleeves, laces or belts that could be a source of danger. Long hair must be gathered in a cap so it cannot be a source of danger.
- The machine must be kept and used following the instructions given here and as suggested each time.
- The people who are going to work on the machine must be suitably informed (training and refresher courses).
- The machine (and any additional devices) must be earthed to discharge electrostatic voltages.
- It is strictly forbidden to do any work on the machine until it is completely still and its plug has been taken out of the mains socket. Only then can mechanics and workers start their maintenance or repair work.
- Do not disable the safety devices or circumvent indications, alarms and warnings, whether they are communicated automatically or by the plates on the installation.
- Do not turn the machine on if the protections/guards have been removed.

### 4.2 RECOMMENDATIONS FOR USE



The machine must be used for the purpose intended by the manufacturer. **In particular it is forbidden to use the machine, even partially, in any of the following conditions:**



- without protections/guards and/or with the safety devices disabled, malfunctioning or missing;
- if it has not been installed correctly;
- in an explosive atmosphere or in places where the danger of fire exists;



- in conditions of danger or malfunctioning of the machine;
- improper use of the machine or if used by untrained personnel;
- use contrary to specific standards;
- in the case of faults in the supply of power;
- after unauthorised interventions or alterations;
- total or partial non-observance of the instructions;
- with materials and tools different from those foreseen by the manufacturer.

The sliding support has an opening for fastening the 32 mm  $\varnothing$  suction pipe for the dust vacuuming system which can be portable or permanent.

The use of the machine in any of the following conditions is not intended:

- in environments where the average temperature in 24h is higher than +35°C
- where relative humidity is higher than 95%;
- at altitudes higher than 2000 m above sea level.

**If, when using the machine, potential hazardous situations for the operator arise, the employer must inform SIRI srl immediately in writing.**

### **IMPORTANT**

**For exceptions to the above, a specific written declaration from S.I.R.I. srl is necessary. All modifications that are not authorised by the manufacturer, which alter the intended functions, modifying the risks and/or generating additional ones, will be under the full responsibility of whoever makes such alterations and changes. Such modifications, if carried out without the manufacturer's authorisation, will also invalidate all forms of warranty issued and invalidate the declaration of conformity as established by the Machine Directive 2006/42/EC.**

## **5 Installation and start-up of the machine**

### **5.1 HANDLING THE MACHINE**



The machine can be handled manually.

One operator is enough to lift and transport the machine provided care is taken not to drop or tilt it.



Packaging:

- O – standard cardboard;
- O – optional Siri bag.

### **5.2 STORAGE**

If the machine is to be stored when not in use, it must be kept in a sheltered place away from the weather and where there are no particularly aggressive chemicals.

The machine must be kept in an environment where the ideal temperature ranges between +2 to +45°C and relative humidity max. 70% (not condensed).

Check that the surface on which the machine stands (it must not be in direct contact with the ground) can bear its weight; more important still do not put any boxes, crates or heavy equipment on top of the machine.

Do not put the machine near any flammable materials.

Use plastic sheeting to cover the components as protection against dust and damp.

### 5.3 PREPARING THE WORK AREA



It is the user's responsibility to prepare the working area. In this regard, the user must ensure that the following conditions are met in the working area:



- the room where the machine is to be installed must meet the local existing standards appertaining to health and safety in the work place.



- natural and/or artificial lighting must guarantee good visibility in all points of the machine with absolutely no dangerous reflections and stroboscopic effects. An average illumination of 300-500 Lux/m is recommended.

- arrange for the power supply, which must conform to the standards existing in the place of installation, and an efficient grounding system.

The machine must be positioned to comply with the minimum clearances specified in figure 6.1 "necessary clearance".

The floor must be perfectly even, level and not slippery.

### 5.4 ASSEMBLING THE GRINDER

Refer to the angle grinder manual (which is either attached or not attached to this manual depending on the supply).

### 5.5 CONNECTING TO THE POWER MAINS



#### CAUTION

**All work necessary to connect to the power mains must be done by skilled and explicitly authorised personnel and always in full compliance with the existing standards.**

Make certain that both mains voltage and frequency are identical to those on the machine's id plate or on the wiring diagram. When this has been checked, put the machine's plug into the socket.



### 5.6 GRINDER ON/OFF SWITCH



Refer to the angle grinder manual (which is either attached or not attached to this manual depending on the supply).



Only authorised and adequately trained and knowledgeable people are allowed to access the operating controls.



#### ATTENTION

**If the switch was not disconnected, the grinder could start with no forewarning when power returns.**

## 6 Using the Machine

### 6.1 NECESSARY CLEARANCE



The machine must be installed in an area which allows the operator's freedom of movement when in use. To this end, a position with a clearance on all 4 sides of the machine of at least 1 metre is considered suitable. When using the machine, the operator must move along the guide, holding the handle with one hand and the grinder with the other. The machine is to be connected to a source of electricity that complies with the data on the machine's plate.

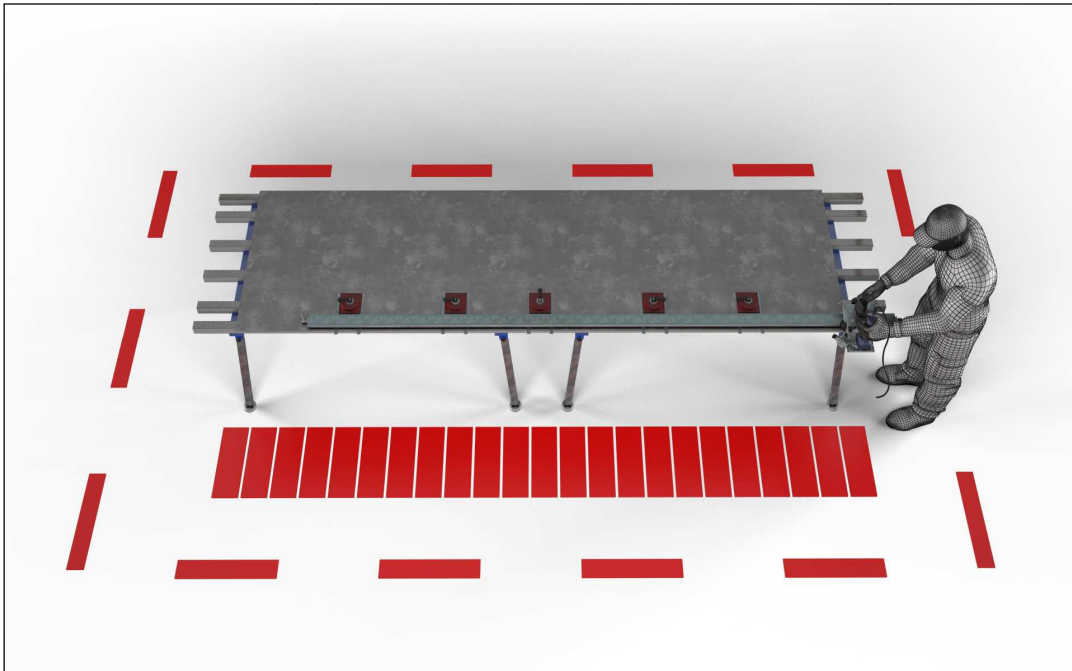


Fig. 6.1 Operator's working area

### 6.2 FIRST START-UP

Once the machine has been installed it is necessary to do a few preliminary checks before actually using it.

Prior to the first start-up procedure, and if the Customer intends doing it himself, it is first necessary to read this manual.

In addition refer to the angle grinder manual (which is either attached or not attached to this manual depending on the supply).

#### Checking the effectiveness of the safety devices:

At the beginning of each work shift check that the safety devices are all in position, firmly secured and 100% efficient.

The machine's safety protections and guards are described in chapter 3.

#### 6.2.1 Activating the power supply

- Put the machine's plug into the power socket

#### 6.2.2 STOPPING THE MACHINE

To stop the machine turn the grinder switch round to the "0" position.

Refer to the angle grinder manual (which is either attached or not attached to this manual depending on the supply).

## 6.3 OPERATION



By using the machine you can make a linear cut parallel to one of the tile sides and a 45° cut for tiles to be laid on corners (Jolly Cut).

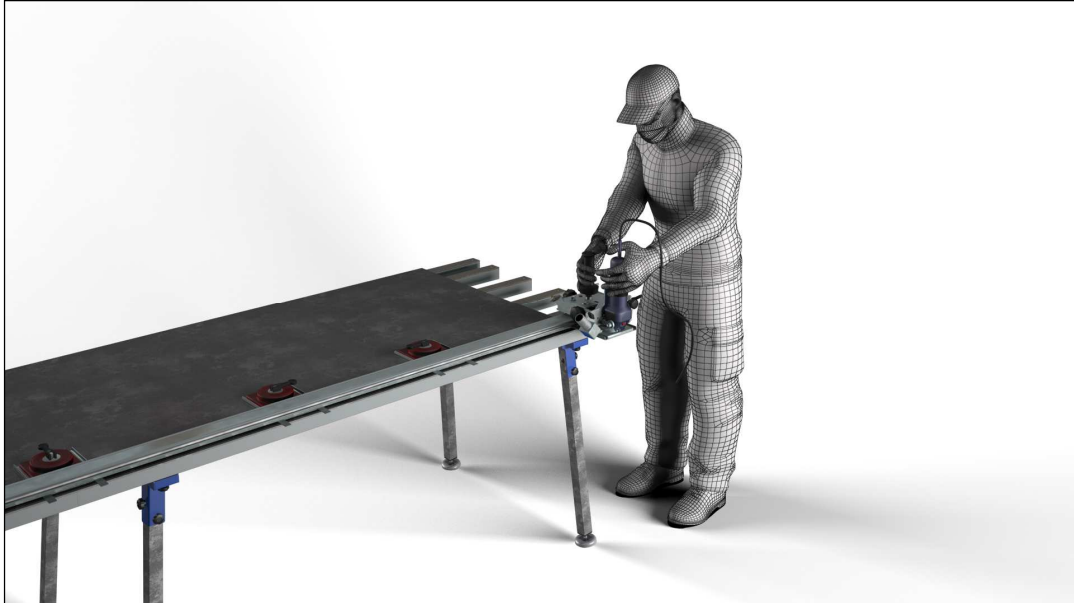


Fig. 6.3 Machine operation

Proceed as follows:

### 6.3.1 Linear Cut



A linear cut is used to make cuts parallel to the tile sides

- 1- The tile must be positioned stably on the workbench.
- 2- Assemble the aluminium Siri-Guide with suction pads, on the tile (from 1 to 3 pieces to assemble based on tile length).
- 3- Clean the surface of the tile to cut thoroughly as well as the rubber of the suction pads before starting to cut.
- 4- Set the device in the linear position.
- 5- Install the angle grinder on the support plate and mount the appropriate blade; make sure the blade is parallel to the guide (see paragraph 6.4 Adjustments).
- 6- Mount the plate with the grinder on the clamps in position for the linear cut.
- 7- Insert the carriage complete with the grinder onto the guide;
- 8- Position the guide so it projects 14 cm from the tile on the right side, at right angles to the side to cut fig. 6.3.1.1
- 9- Position the screw head for the millimetric adjustment in the centre (see fig. 6.4.4)
- 10- Measure the piece to cut with a yardstick (either from the bar or from the blade)
- 11- Lock the suction pads
- 12- Once the millimetric adjustment is defined, lock in the position wanted using the knob (see figure 6.4.10)
- 13- Turn the suction unit on if connected
- 14- Make the cut
- 15- Once the cut is done, **turn the grinder off** and pull the carriage out
- 16- Remove the pieces of the cut tile.
- 17- Release the suction pads and remove the guide



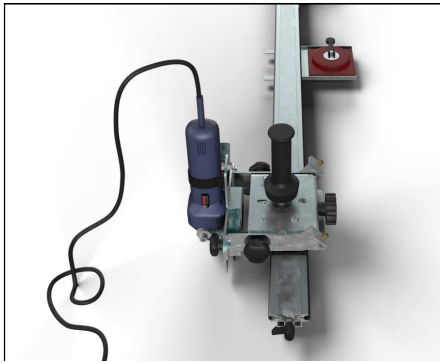


Fig. 6.3.1 Linear Cut

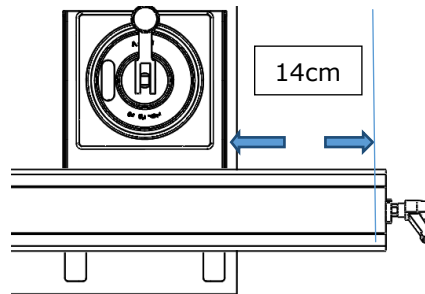


Fig.6.3.1.1 distance of the guide from the tile

### 6.3.2 45°(Jolly) cut



With the jolly cut you can make a 45° chamfer on one edge of the tile which means it can be used on a corner together with a second tile also cut 45° to give us an edge that cannot be seen as would instead be the case if the tiles were simply abutted with no jolly cut.

- 18- The tile must be positioned stably on the workbench.
- 19- Assemble the aluminium Siri-Guide with suction pads, on the tile (from 1 to 3 pieces to assemble based on tile length).
- 20- Clean the surface of the tile to cut thoroughly as well as the rubber of the suction pads before starting to cut.
- 21- Set the device in the 45° position (see figure 6.4.7)
- 22- Install the angle grinder on the support plate and mount the appropriate blade;
- 23- Mount the plate with the grinder on the clamps in position for the 45° cut.
- 24- Insert the carriage complete with the grinder onto the guide;
- 25- Position the guide so it projects 14 cm from the tile on the right side, at right angles to the side to cut fig. 6.3.1.1
- 26- Position the screw head for the millimetric adjustment in the centre (see fig.6.4.4)
- 27- Position the guide parallel to the side to cut and at a distance of 56 mm from the edge to machine or use the optional spacer clamps (see figure)
- 28- Using the screw for the millimetric adjustment, bring the blade close to the upper edge of the tile and cut. For a perfectly smooth cut leave at least 0.5 mm from the upper edge of the tile to the edge of the 45° cut.
- 29- Turn the suction unit on if connected
- 30- Make the cut
- 31- If you want to lower this edge even further, you will need to pass the aluminium support over several times (which can be supplied by SIRI art.6325-30) and the resin disc grain size 30 or 50 by mounting them on the grinder in replacement of the cutting blade, without having to readjust the guide but only the screw for the millimetric adjustment.
- 32- Once the cut is done, **turn the grinder off** and pull the carriage out
- 33- Remove the pieces of the cut tile.
- 34- Release the suction pads and remove the guide

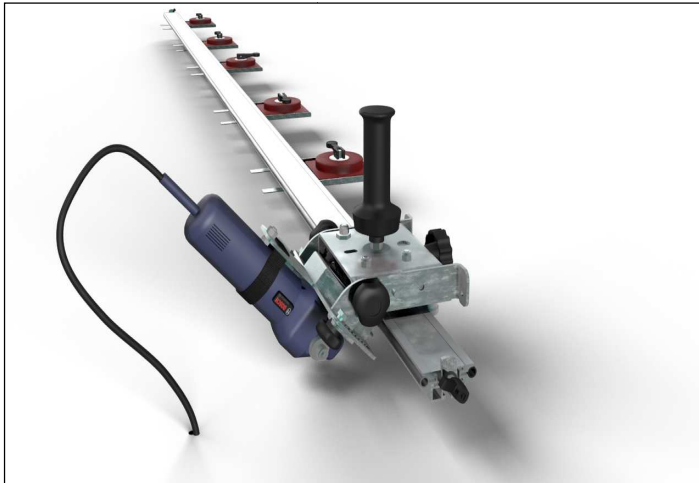


Fig. 6.3.2 45° (Jolly) cut



## 6.4 Adjustments

35- If the grinder is supplied by Siri the adjustment has already been done.

36- If the Siriflex device is supplied without the grinder and this is mounted for the first time by the operator, make sure the blade is parallel to the guide. To do this, you have to measure the distance from the guide to the blade at both ends (see figures 6.4.1 and 6.4.2). We suggest using a control gauge for greater accuracy.

If the distance is not the same, loosen the screw shown in figure 6.4.3 and turn the grinder holder plate until the two measurements are identical.

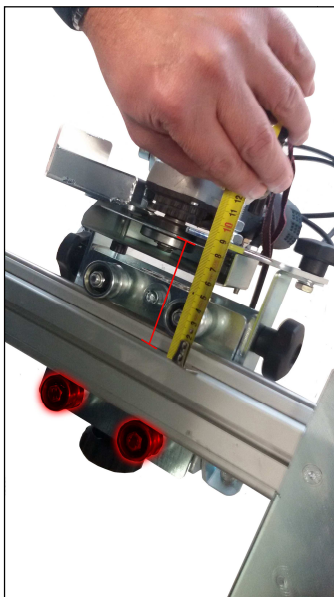


Fig. 6.4.1

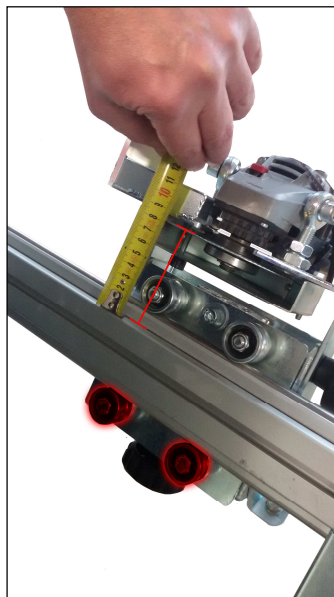


Fig. 6.4.2

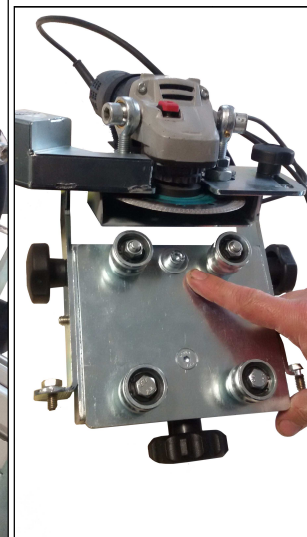


Fig. 6.4.3  
Securing screw between support and carriage.

- The distance between the two pulleys shown in the figure compared to the other two can be adjusted so that all four adhere perfectly to the guide. (See figure 2.7.4 for the adjustment)
- Knob to adjust the crosswise movement of the carriage (about 5 mm on each side) whether it is for a linear or 45° cut:

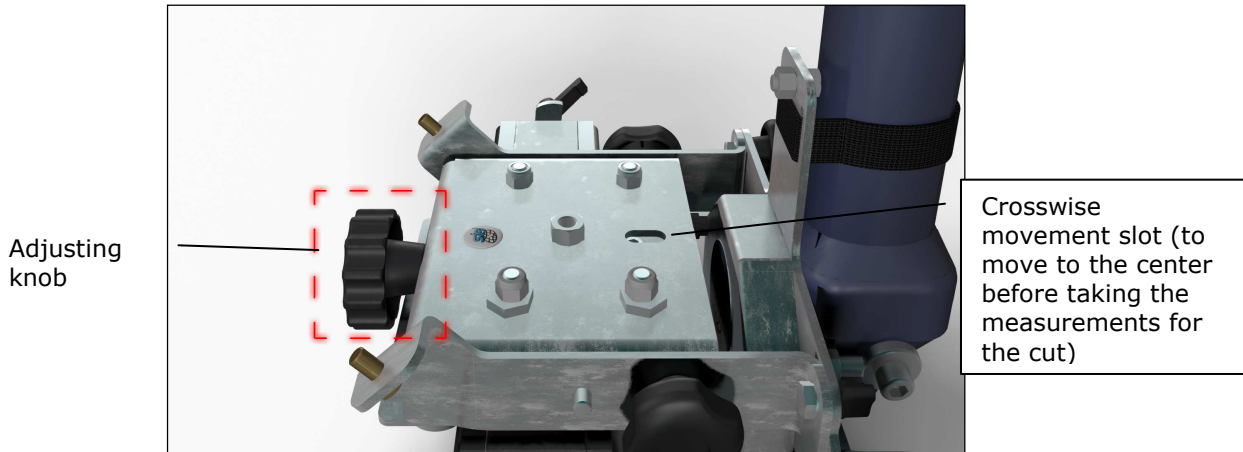


Fig. 6.4.4 Knob to adjust the crosswise movement of the carriage.



- Fig. 6.4.5 Adjustable screw to keep the blade perpendicular to the tile, especially if the grinder is **not** supplied):

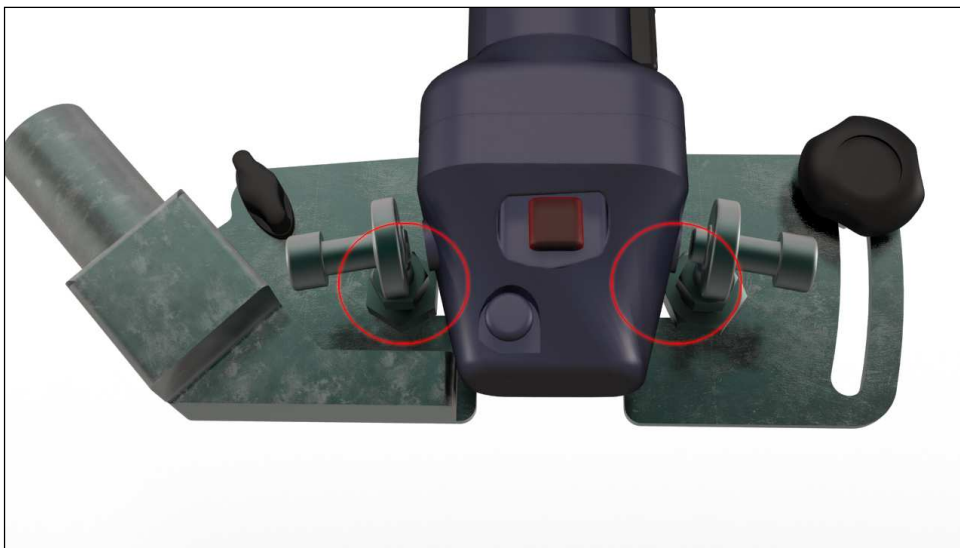
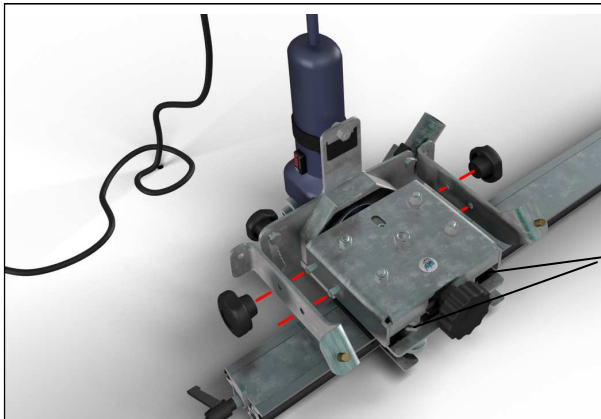


Fig. 6.4.6 Two adjustable screws based on grinder dimensions. Adjust and tighten the bolts only if the grinder is not the Bosch GWS 7-115 type.

- Changing the cut from linear to 45°:



TURN THE ECCENTRICS TO ADJUST THE PULLEYS ON THE GUIDE

Fig.6.4.7 Unscrew the knobs, turn the two clamps by 180° and screw the knobs down.

- Guide assembly and securing screw:

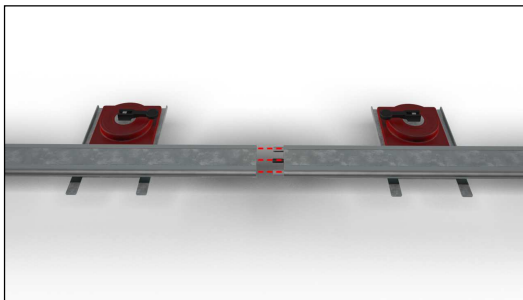


Fig. 6.4.8 Guide assembly.

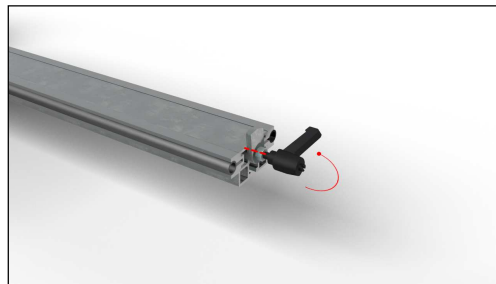


Fig.6.4.9 Turn the guide securing screw.

- Knob securing screw:

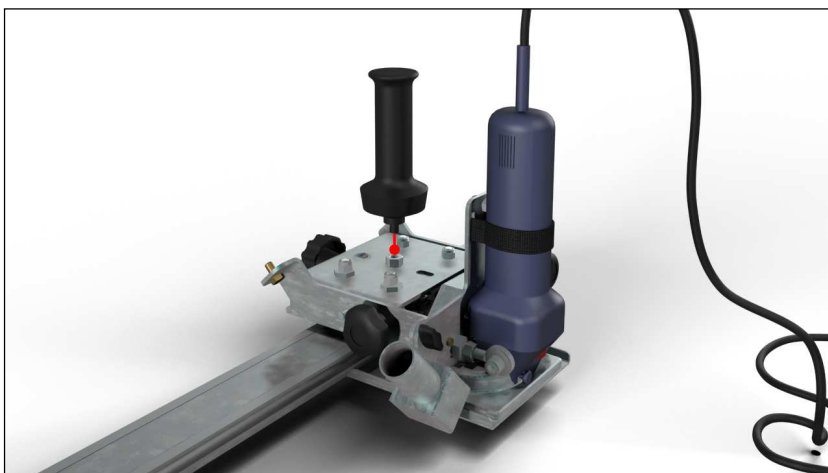


Fig. 6.4.10 Knob to lock the screw for the millimetric adjustment.

- 2 knobs to secure the grinder to the carriage:

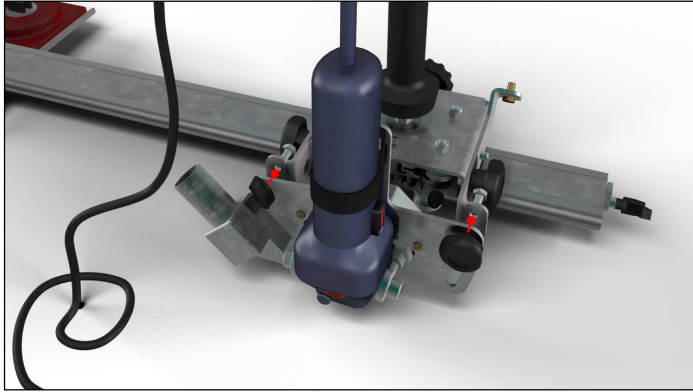


Fig. 6.4.11 Screw the two bolts down and turn the two knobs.

## 7 Maintenance and Cleaning

### 7.1 RECOMMENDATIONS FOR MACHINE MAINTENANCE



- Only specialized and specifically trained personnel should be allowed to access the machine for maintenance work.



Correct maintenance ensures that the machine is always perfectly efficient. Besides routine maintenance, it is advisable to keep the machine and the surrounding area where it is used clean at all times.



#### CAUTION

**All maintenance work must be done with the machine perfectly still and the power supply disconnected by taking the plug out of the socket.**



#### 7.2.1 Routine cleaning

- To clean the workbench at the end of each work shift:
  - wear specific gloves, manually remove all tile fragments that could have been left after cutting;
  - use a lubricant (e.g. Svitol) only for the guide;  
(Note: do not use any other type of oil or grease to avoid problems when working).



- 37- When working, between one tile cut and the next:
- remove any dust that may have accumulated with compressed air;  
(Note: this will ensure greater precision when cutting the tile!).



### 7.2.2 Grinder Maintenance

Refer to the angle grinder manual (which is either attached or not attached to this manual depending on the supply).

### 7.2.3 Replacing the Blade

Proceed as described in the angle grinder manual (which is either attached or not attached to this manual depending on the supply).

## 8 DECOMMISSIONING, SCRAPPING AND DISPOSAL

The machine is neither a pollutant nor is it dangerous for the environment but during installation, maintenance or decommissioning waste is produced which, if not disposed of correctly, could be dangerous for the environment.

**It is essential to ensure maximum protection of the environment.**

**Packaging materials** can be disposed of with urban waste without creating any danger for man or for the environment (e.g. straps, cardboard, plastic....).

**Degraded or obsolete machinery or equipment** is special waste to be disposed of according to the type

\*\*

## 9 ATTACHMENTS

38- CE Declaration of Conformity





**ATTREZZATURE PER EDILIZIA**  
**EQUIPMENT FOR BUILDING INDUSTRY** since 1975

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