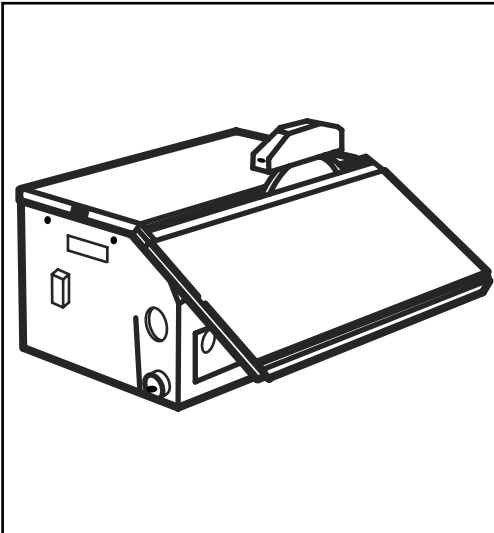




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# TILE SAWS



- Spare Parts Book
- Pièces détachées
- Libro Despiece

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## PPE (Personal Protective Equipment).

Suitable PPE must be worn when using this equipment i.e. Safety Goggles, Gloves, Ear Defenders, Dust Mask and Steel Toe capped footwear.

Wear clothing suitable for the work you are doing. Tie back long hair and remove any jewellery which may catch in the equipment's moving parts.

## Dust.

The sawing process will occasionally produce dust, which may be hazardous to your health. Always wear a mask that is suited to the type of dust being produced.

# Connecting To The Power Supply

The machine is to be connected to the mains by a residual current circuit breaker (RCCB) or class II isolation transformer with the following characteristics:

### MINITILE 180

RCCB	<b>230V</b> In 3 A Id 20 mA	<b>115V</b> In 6 A Id 20 mA
TRANSFORMER	<b>230V</b> 50 Hz 650 W	<b>115V</b> 50 Hz 650 W

### MINITILE 200

RCCB	<b>230V</b> 5 A Id 20 mA	<b>115V</b> 6 A Id 20 mA
TRANSFORMER	<b>230V</b> 50 Hz 650 W	<b>115V</b> 50 Hz 650 W

### MINITILE 230

RCCB	<b>230V</b> 10 A Id 20 mA	<b>115V</b> 16 A Id 20 mA
TRANSFORMER	<b>230V</b> 50 Hz 1500 W	<b>115V</b> 50 Hz 1500 W

### MAGIKTILE 180

RCCB	<b>230V</b> In 6 A Id 20 mA	<b>115V</b> In 3 A Id 20 mA
TRANSFORMER	<b>230V</b> 50 Hz 650 W	<b>115V</b> 50 Hz 650 W

### MAXITILE 260

RCCB	<b>230V</b> In 5 A Id 20 mA	<b>115V</b> In 10 A Id 20 mA
TRANSFORMER	<b>230V</b> 50 Hz 1000 W	<b>115V</b> 50 Hz 1000 W

# Pre-Start Checks

## THE MINITILE / MAGIKTILE MACHINE IS DESIGNED FOR WORKING WITH WATER.

Before and during cutting operations, make sure that the water level is sufficient to cover the diamond part of the blade. Fill or top up the basin directly, as shown in the picture 1a.

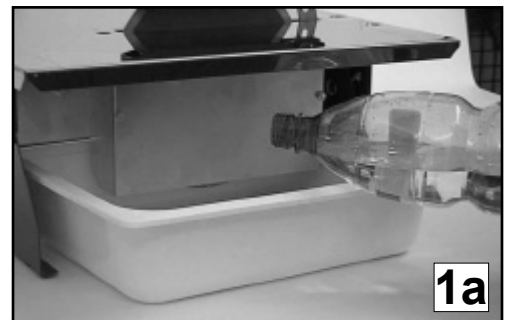
In particular cases, it may be necessary to use a tray to recover the cooling water. If so, use a tray with the following dimensions:

<b>MINITILE 180</b>	= L 50 cm, P 60 cm, H 10 cm
<b>MINITILE 200</b>	= L 50 cm, P 60 cm, H 10 cm
<b>MINITILE 230</b>	= L 60 cm, P 60 cm, H 10 cm
<b>MAGIKTILE 180</b>	= L 50 cm, P 60 cm, H 10 cm

## THE MAXITILE MACHINE IS DESIGNED FOR WORKING WITH WATER.

Before any cutting operation, make sure that the water level inside the basin is the same as the one shown in picture 1b.

Through an on-off valve it is possible to adjust the water flow according to the type of material to be cut. An innovative cooling system makes it possible and allows the disk to be always wet.





## Adjusting The Blade Guard

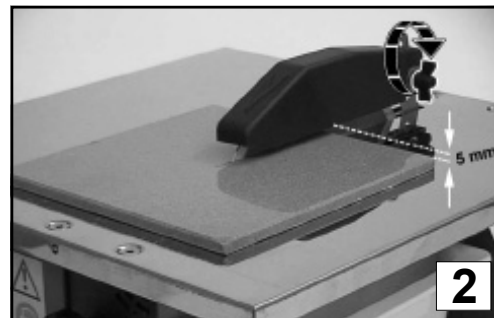


### CAUTION

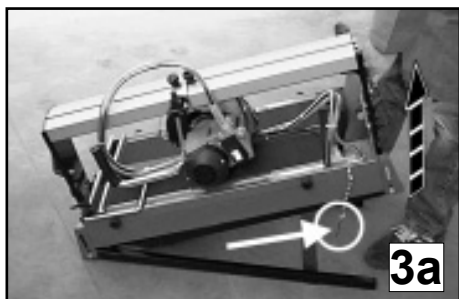
The machine is equipped with a continuous diamond rim blade. Even though this blade has been designed for operator safety if unintentionally touched, pay particular attention to avoid contact between your fingers and the blade during operation of the machine.

### MINITILE & MAGIKTILE ONLY!!

Position the blade guard approximately half a centimetre above the tile surface. Lock the blade guard in position by fully tightening the screw illustrated in the figure.



## Installation



### MAXITILE ONLY!!

Remove the machine from the packaging with the aid of the side carrying handles. To set up the machine for work proceed as follows:

- 1) Remove the leg lock pin and raise the rear side (pump side) of the machine with the handle until the leg is fully extended (See picture 3a).
- 2) Raise the leg by sliding it inside the slot.
- 3) Repeat the operation for the front side of the machine (See picture 3b).
- 4) Insert the tube-holder rod in its seat (See picture 3c).



## Transportation

### MAXITILE ONLY!!

The MAXITILE machine is easy to carry by using the specially provided side handles (See picture 4).

Before carrying the machine make sure that:

- the motor slide is locked in place with the two cutting adjustment knobs on the slide rail;
- the motor slide is completely lowered and locked with the locking lever;
- the machine is in the 45° (jolly) position and that the inclination adjustment knobs are properly tightened;
- the tube-holder rod is out of its housing;
- the feet are closed and the leg lock pin inserted.



# Operating Instructions

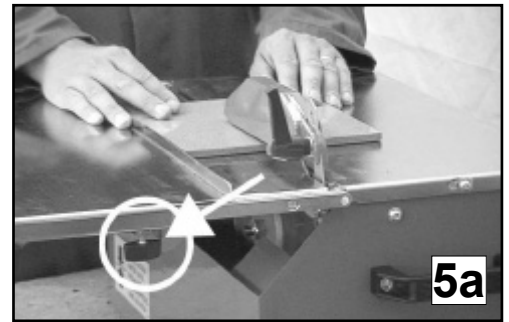


## MINITILE & MAGIKTILE ONLY!!

### Cutting at 90°

Position the cutting guide and lock it by tightening the knobs fully. (See Figure 5a)

The picture on the right shows how to position hands correctly during cutting at 90°. The forward movement of the piece must be proportional to the blade cutting capacity, to prevent hazardous fragments that would involve accidents or injuries from breaking off.

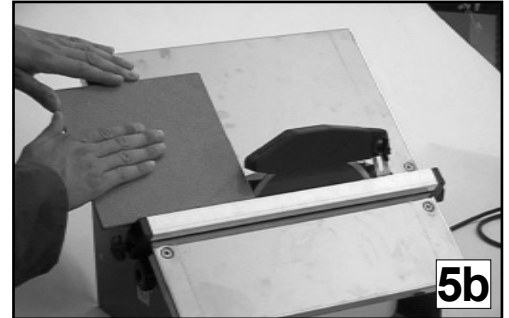


### Cutting a surface at 45°

Position the tilting table as shown in figure 5b, then lock it in place with the knobs.

Position the cutting guide approx. 2 mm from the diamond blade, then lock it in place by tightening the knobs.

Position the tile with the enamel surface downwards; make sure that the diamond blade does not come into contact with the tile enamel. Adjust the position of the cutting guide as necessary.



### **CAUTION**

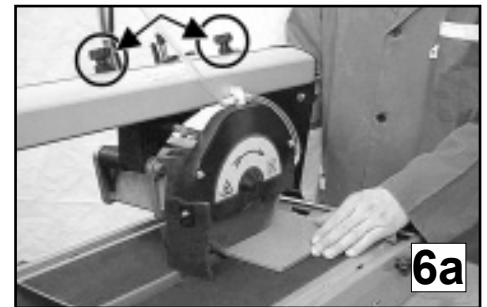
Figure 5b illustrates the correct position of the hands in the case of 45° angle cuts. Note that the right hand holds the piece in contact with the diamond blade, while the left hand moves the piece forward. The forward movement of the piece must be proportional to the blade cutting capacity, to prevent hazardous fragments which would involve accidents or injuries from breaking off.

## MAXITILE ONLY!!

### Cutting at 90°

Thanks to the great versatility of the MAXITILE machine it is possible to carry out different types of cutting.

Adjust the blade to the 0° position with the inclination adjustment knobs (See picture 6a). Position the piece which needs cutting on the working table and make sure that it is properly up against the tile-stop. If necessary, a square can be of help.



In order to carry out any diagonal cutting lean the tile against the square the way it is shown in picture 6b and go on with the cutting operation.



### **CAUTION**

The millimetre ruler placed on the Working table helps only for linear Cutting.



### Cutting at 45°

Adjust the blade to the 45° position with the inclination adjustment knobs (See picture 6b)

Lock the motor carriage at the max. cutting depth with the locking lever. Picture 6c shows the proper way the machine should be used.

In order to carry out special working it is possible to set out any cutting inclination ranging from 0° to 45° as marked on the machine side (See picture 6d).



### **CAUTION**

Before any cutting make sure that the Tile to be cut is properly up against The tile-stop.



With the MAXITILE machine it is also possible to set out:

- a- the cutting length with the cutting adjustment knobs;
- b- the cutting depth with the locking lever;
- c- the straight cut measurement with the tile bearing square as well as the ruler placed on the working table;
- d- the cutting adjustment with the specially provided indicator and ruler placed on the slide rail.



## CAUTION

Before performing any maintenance operation, ensure the machine is disconnected from the power supply.

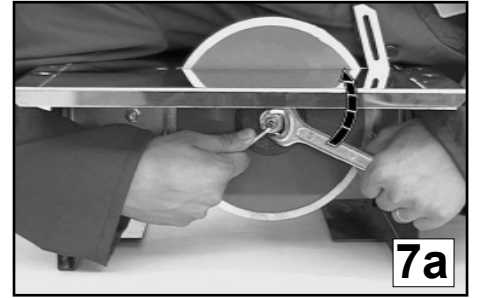
### MINITILE & MAGIKTILE ONLY!!

#### DIAMOND BLADE DISASSEMBLY

Remove the blade guard.

Use the 4mm Allen Key to hold the motor shaft. Unscrew the blade flange block nut with the 19mm spanner.

After removing the blade, clean the blade flange thoroughly and check for wear. Lubricate surfaces with fine oil, then fit new blade.



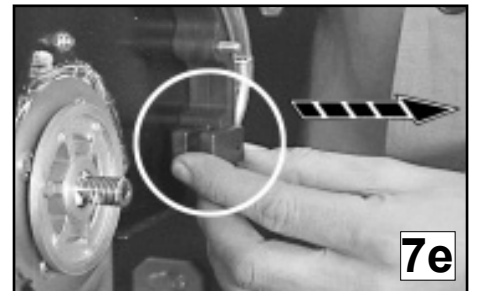
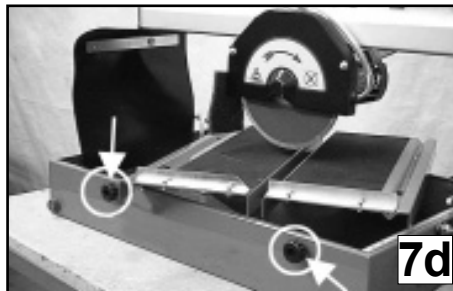
### MAXITILE ONLY!!

After dismantling the blade, clean the blade flanges carefully and check them for wear. Grease any surface with fine oil and go on with the assembly of a new blade. Check for correct direction of rotation as clearly indicated on the blade.

#### MOTOR CARRIAGE ADJUSTMENT

The motor carriage is provided with a register for the vertical play adjustment. If any excessive play of the motor carriage should take place, act as follows:

- 1) Loosen the register fixing nut with a 10mm spanner;
- 2) Screw down the dowel with a 4 mm Allen Key until the play is eliminated;
- 3) Lock the register again with the fixing nut.

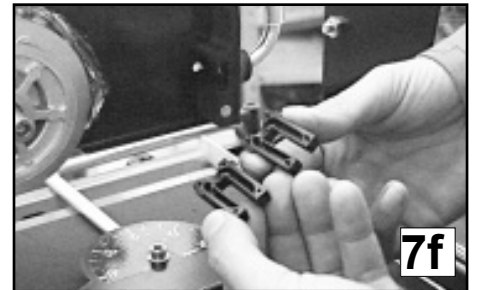


#### CLEANING

It is extremely easy to clean the MAXITILE machine by loosening the side knobs and dismantling the working table.

Through the side drain remove any residue (See picture 7d).

When necessary clean the sprayer as shown in pictures 7e and 7f.



# Troubleshooting Guide



## HAVE YOUR MACHINE REPAIRED BY A QUALIFIED PERSON ONLY

This electric machine complies with the relevant safety rules. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.

Fault	Cause	Remedy
The machine does not function.	The power supply cable is damaged or not properly connected.	Press the plug firmly into the power socket.
	No voltage in the socket.	Have the socket checked.
	Switch is damaged.	Consult local dealer.
	Diamond blade is bent due to incorrect use.	Replace diamond blade.
If lubrication does not arrive at the blade with the pump running.	The sprayer unit is clogged.	Dismantle the sprayer assembled inside the blade cover and remove any possible residuals.
Motor gives off unpleasant odour.	Water may have seeped through inside the motor.	Unplug the power supply cable and consult local dealer.
	Capacitor is damaged.	Unplug the power supply cable and consult local dealer.
Machine is difficult to start.	Motor bearings are damaged.	Consult local dealer.

## Warranty



Your new Belle Group Tile Saw is warranted to the original purchaser for a period of one-year (12 months) from the original date of purchase. The Belle Group warranty is against defects in design, materials and workmanship.

The following are not covered under the Belle Group warranty:

1. Damage caused by abuse, misuse, dropping or other similar damage caused by or as a result of failure to follow assembly, operation or user maintenance instructions.
2. Alterations, additions or repairs carried out by persons other than Belle Group or their recognised agents.
3. Transportation or shipment costs to and from Belle Group or their recognised agents, for repair or assessment against a warranty claim, on any machine.
4. Materials and/or labour costs to renew, repair or replace components due to fair wear and tear.

The following components are not covered by warranty:

- Drive belt(s)
- Engine air filter
- Engine spark plug

Belle Group and/or their recognised agents, directors, employees or insurers will not be held liable for consequential or other damages, losses or expenses in connection with or by reason of or the inability to use the machine for any purpose.

### Warranty Claims

All warranty claims should firstly be directed to Belle Group, either by telephone, by Fax, by Email, or in writing.

#### For warranty claims:

Belle Group Warranty Department,  
Unit 5, Bode Business Park  
Ball Haye Green  
Leek  
Staffordshire  
ST13 6BW.  
England.

Tel : +44 (0)1538 380000

Fax : +44 (0)1538 380038

Email : [warranty@belle-group.co.uk](mailto:warranty@belle-group.co.uk)



# No.1 for Light Construction Equipment

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Fax: 00 - 86 - 21 - 5461 5369  
email: [morgan.liu@bellegroup.com.cn](mailto:morgan.liu@bellegroup.com.cn)

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Fax: +1.540.345.5091  
Toll free 866 540 5090  
e-mail: [sales@bellegroup.net](mailto:sales@bellegroup.net)

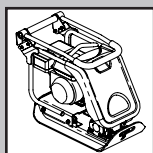


## Belle Group World Parts Centre

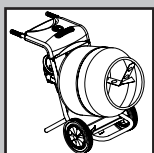
Unit 5, Bode Business Park  
Ball Haye Green,  
Leek,  
Staffordshire,  
ST13 8BW  
Tel: 44+ 1538 380000  
Fax: 44+ 1538 380038

[www.BelleGroup.com](http://www.BelleGroup.com)

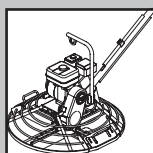
No.1 for Light Construction Equipment



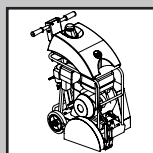
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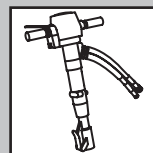
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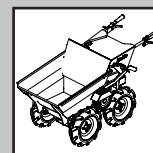
CONCRETING...



CUTTING...



BREAKING...



MOVING