

# **EXCEL**

**800W**

**OPERATING INSTRUCTIONS**



**240V: 12162**

# **620MM WET TILE CUTTER**

**WARNING! ALWAYS USE SAFETY GLASSES.** Everyday eyeglasses only have impact-resistant lenses - they are not safety glasses.

**Exceltools.co.uk**

# WARNING! PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE USING THIS TILE CUTTER

## Before you begin...

### Intended use

When used for its intended purpose, this device corresponds to the state of the art, as well as to the current safety requirements at the time of its introduction.

The machine may be used only if all safety and working instructions in these instructions for use are followed, and only for cutting tiles, glazed tiles as well as marble and granite panels.

**The machine is not suitable for cutting concrete slabs, paving stones or bricks.**

**The device is not suitable for commercial or industrial use.**

Any other type of use is inappropriate.

Any modification which could lead to a change in the original characteristics of the machine.

Improper use or modifications to the device or the use of components that are not tested and approved by the manufacture may result in unforeseen damage!

Any use that deviates from its intended use and is not included in these instructions is considered unauthorized use and relieves the manufacture from his or her legal liability.

## Symbols used

Danger notices and information are clearly marked throughout these instructions for use. The following symbols are used:



### **DANGER**

#### **Direct danger to life and risk of injury!**

Directly dangerous situation that may lead to death or severe injuries.



### **WARNING!**

#### **Probable danger to life and risk of injury!**

Generally dangerous situation that may lead to death or severe injuries.



### **CAUTION!**

#### **Possible risk of injury!**

Dangerous situation that may lead to injuries.



### **NOTICE!**

#### **Risk of damage to the device!**

Situation that may lead to property damage.



### **Note:**

Information to help you reach a better understanding of the processes involved.



Before putting the unit into operation, read and observe the instructions for use.



Caution, risk of cutting



Wear hearing protection when working with the machine.



Flying splinters pose a risk during the operation of the machine! Therefore, Always wear safety glasses.



Hand protection shall be worn when working.

## For your safety

### General safety instructions

- To operate this device safely, the user must have read and understood these instructions for use before using the device for the first time.
- If you sell or pass the device on, you must also read over these operating instructions.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Using of a cord suitable for outdoor use reduce the risk of electric shock.

### General safety information for power tools



#### **WARNING!**

Read all instructions.

Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

- **Store all safety notes and safety instructions for future reference.**  
The term power tool in all of the warnings listed below refers to your mains operated (corded) power tool.

### Safety at work

- **Keep work area clean and well lit.**  
Cluttered and dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gasses or dust.** Power tools create sparks, which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions

can cause you to lose control.

### Electrical safety

- **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.
- **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, range and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **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 shocks.
- **A residual current device (RCD) is installed to protect the user from electric shock.**

### Personal safety

- **safety 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
- **Use safety equipment.** Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard-hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Avoid accidental starting.** Ensure the switch is in the off position before plugging it. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- **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.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of these devices can reduce dust related hazards.

### Power tool use and care

- **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.

- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that can not be controlled with the switch is dangerous and must be repaired.
- **Disconnection of the plug from the power source before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **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.
- **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any condition. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained electrical tools.
- **Keeping cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc. In accordance with these instructions and in the manner intended for particular type of power tool, taking into account the working conditions and the work to be performed.** Use of the power tools for operations different from intended could result in hazardous situation.

### Service

- **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.

### Safety notes for tile cutter

- **Only use the power tool for those materials specified under intended use.** The power tool may otherwise be overloaded.
- **Make sure that the electric tool is mounted on a flat surface with sufficient load-bearing capacity.** A tool not mounted as prescribed is unstable and dangerous.
- **Do not stand on the power tool.** There is a risk of serious injury if the power tool tips over or if you accidentally come into contact with the cutting disc.
- **Do not stand in a line with the cutting disc of the electrical tool, but rather always stand laterally offset from the cutting disc.** Thus, your body is protected against a possible setback.
- **Use the electrical tool only with the included protective hood. The protective hood must be affixed securely to the electrical tool and set in such a way that it ensures the maximum level of safety possible, i.e. the smallest possible area of the cutting disc is exposed to the operator.** The protective hood should protect the operator from broken pieces and accidental contact with the cutting disc.
- **Use only diamond cutting discs for your electrical tool.** Just because you are able to attach an accessory to your power tool does not guarantee that it is safe to use.
- **Do not use any teethed or segmented cutting disc for your electrical tools.** When using teethed cutting discs there is danger of backfire.
- **The permitted revolutions of the tool must be at least as high as the highest revolutions specified on the power tool.** Accessories that rotate faster than they

are permitted to may break and fly around.

- **Diamond cutting discs may only be used for the recommended purposes. E.g.: Never use the side surface of cutting disc to grind.** Cutting discs are designed to be used to remove material with edge to the disc. Lateral forces on these tools may break them.
- **Always used undamaged tensioning flanges in the correct size and shape for the cutting disc you have selected.** Suitable flanges support the cutting disc and thus reduce the risk of disc break-age.
- **External diameter and thickness of the tool must match the dimension specification of your power tool.** Incorrectly dimension tools cannot be sufficiently shielded or controlled.
- **Cutting discs, flanges or other accessories must fit precisely to the disc spindle of your power tool.** Tools that do not fit precisely to the sanding spindle of the power tool will rotate unevenly, vibrate heavily and may cause loss of control over the device.
- **Do not use damaged tools. Check the tools used for splintering and cracks prior to each use. If the power tool or the tool itself is dropped, check to see whether it is damaged or use an undamaged tool. When you have checked and inserted the tool, ensure that you and any other people in the vicinity are clear of the rotating tool and operate the power tool for a minute at the highest revolutions.** Damaged tool will usually break within this test period.
- **Wear personal safety gear. Depending on the work you are doing, wear a full face visor, visor or protective goggles. If appropriate, wear a dust mask, ear defenders, protective gloves or a special apron designed to keep sanding and material particles away from you.** Your eyes should be protected from the flying objects that may be generated during various applications, Dust or breathing masks must be capable of filtering the dust generated during operation. If you are exposed to loud noise for extended periods, you may suffer a loss of hearing.
- **Ensure that other people are kept a safe distance from your workplace. Anyone entering the workplace must wear personal protective gear.** Pieces of the materials or broken tools may fly away and cause injuries even outside the direct workplace.
- **Hold tool by the insulated handle surfaces only when you are carrying out tasks during which is it possible that the tools will come across hidden power cables or its own cable.** Contact with a power-carrying cable can also put metal parts of the unit under power and cause an electric shock.
- **Keep the power cable away from rotating tools.** If you lose control of the unit, the power cable may be cut or caught up and your hand or arm may be pulled into the rotating tool.
- **Clean the ventilation slots of your power tool regularly.** The motor fans draw dust into the housing and a large deposit of metal dust can cause electrical hazards.
- **Never bring your hands into the cutting area when the power tool is running.** Contact with the cutting disc holds a risk of serious injury.
- **Never reach behind the cutting disc to hold the work piece or to remove chips.**

The distance between your hands and the operating cutting disc is too small.

- **Only guide the work piece as far as the operating cutting disc.** Otherwise there is a risk of kickback when the cutting disc becomes jammed in the entering work piece.
- **Use the power tool only when the work surface is free from all setting tools, work piece parts etc.** Objects that come into contact with the rotating cutting disc may hit the operator at a high speed.
- **Always cut one work piece at a time.** Work pieces that are stacked or stacked against each other may block the cutting disc or slide about when cutting.
- **Long work pieces must be supported at the free end.** Freely swinging work piece ends may cause loss of control.
- **Always use a parallel stopper.** This improves the accuracy of the cut and reduces the possibility of a jammed cutting disc.
- **If the cutting disc is jammed or you need to interrupt your work, switch off the device and hold it motionless until the disc has come to a standstill. Never attempt to pull a still operating cutting disc out of the cut as this may cause kickback.** Investigate and take corrective actions to eliminate the cause of the jam.
- **Do not switch the power tool back on as long as it remains stuck in the work piece. Allow the cutting disc to achieve the full revolutions before you continue to cut carefully.** Otherwise, the disc may get caught, jump out to the work piece or cause kickback.
- **After switching off the unit, do not attempt to stop the cutting disc by applying pressure from the side.** Touching the cutting disc may lead to injuries.
- **Use the electric tool always with the residual current device. Check the function of the switch before every use.** The switch does not protect against direct touching of electric conductor.
- **Never use the electric tool without cooling water. Check the cooling water level before every use.** A dry run can cause failure of the tool and thus lead to injuries.
- **Do not pull the mains plug if this or the outlet is wet. First turn off the current by taking out of the fuse and/or with the circuit breaker of the respective circuit.** Pull first the plug and then test the extension for possible water traces.
- **Empty the cooling water container before every transport.** Residual cooling water can penetrate into the electrical motor parts.

#### **Additional safety notes**

- **Store the unused power tool safely in a dry place that can be locked.** This ensures that the power tool is not damaged as a result of storage and that inexperienced persons do not operate it.
- **Never leave the power tool before it has come to a completed standstill.** Tools that continue to operate may cause injury.
- **Never use the power tool with a damaged cable.** Do not touch a damaged cable and pull out the power plug. Damaged cables increase the risk of electric shock.
- **Prevent overheating of the device and the work piece.** Excess heat may damage the tool and the device.
- **Shortly after being used, the tool may be very hot.** Allow a hot tool to cool down.

Touching a hot tool may cause burns.

- **Never clean a hot tool with flammable liquids.** There is a risk of fire and explosion.
- **Wear hearing protection when working.** The effects of noise can result in a loss of hearing.
- **Keep the handles dry and free of grease.** Slippery handles can lead to accidents.
- **Always comply with the all applicable domestic and international safety, health, and working regulations.** Inform yourself before you start work about the regulations that apply at the site of the device.
- **Note that the moving parts can also be fitted behind ventilation openings.**
- **Symbols affixed to your device may not be removed or covered.** Information on the device that is no longer legible must be replaced immediately.

### Risks caused by vibrations



#### **CAUTION!**

#### **Risk of injury due to vibrations!**

Vibrations may, in particular for persons with circulation problems, cause damage to blood vessels and/or nerves. If you notice any of the following symptoms, stop working immediately and consult a doctor. Numbness of body parts, loss of sense of feeling, itching, pins and needles, pain, changes in skin color.

The vibration values specified in the technical data represent the main uses of the device. The actual existing vibrations during use may deviate from these as a result of the following factors:

- Incorrect use of the product
- Unsuitable tools inserted
- Unsuitable material
- Insufficient maintenance

You can reduce the risk considerably by following the tips below:

- Maintain the device in accordance with the instructions in the operating instructions.
- Avoid working at low temperatures.
- When it is cold, make sure your body and your hands, in particular, are kept warm.
- Take regular breaks and move your hands at the same time to promote circulation.

### **Residual risk**

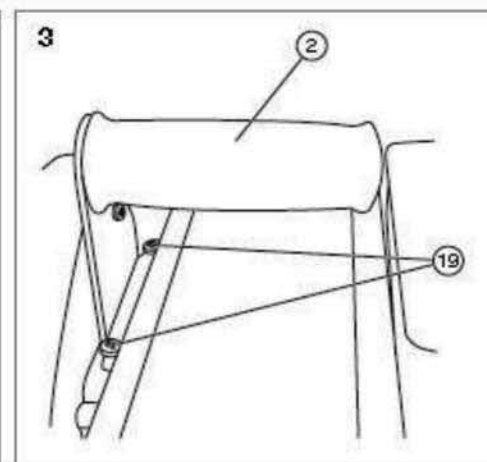
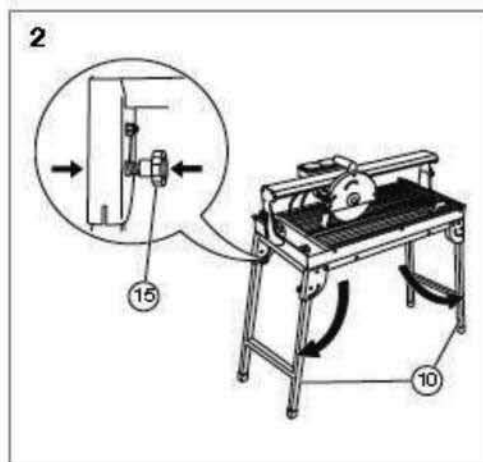
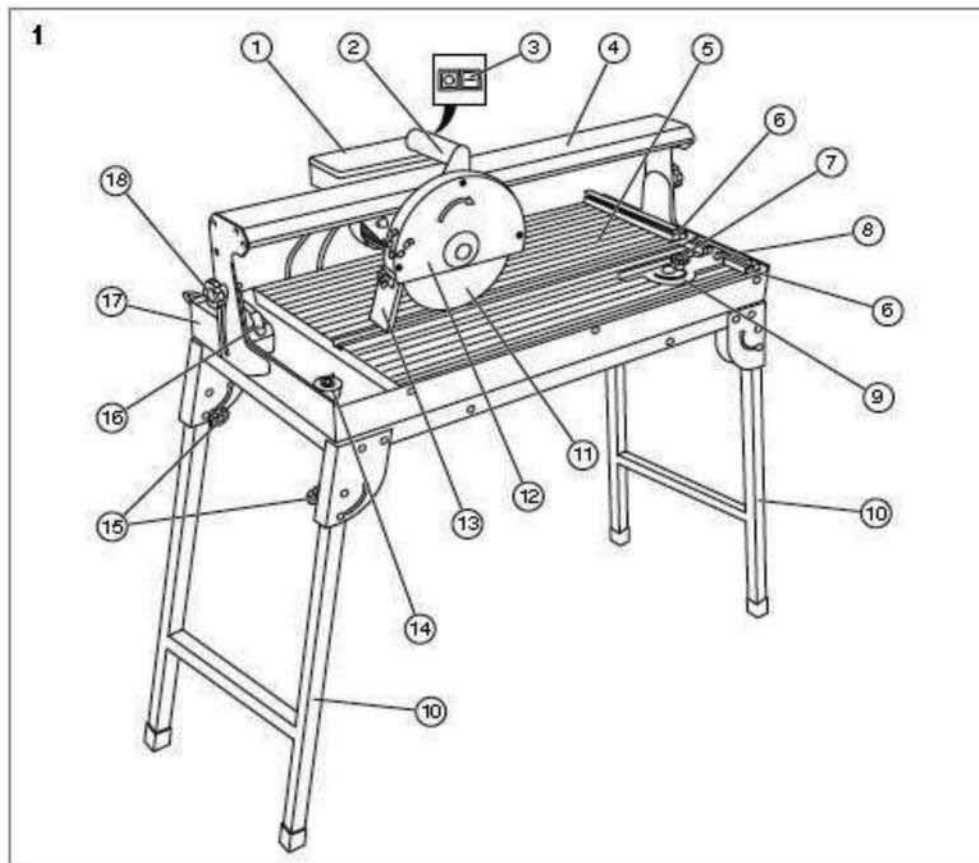
Even when the machine is used for its intended purpose, and all safety instructions in these instructions for use are obeyed, the following residual risks may arise:

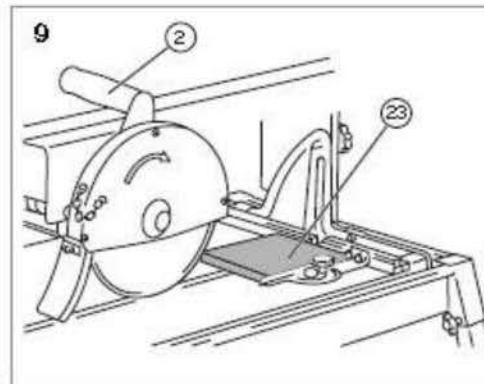
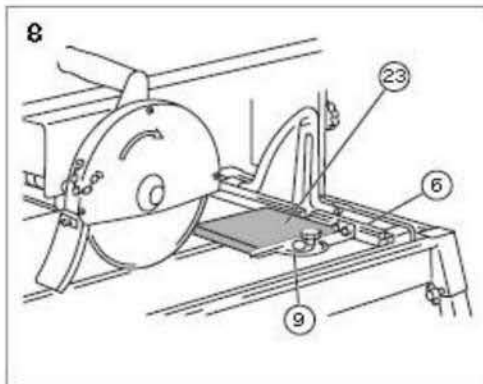
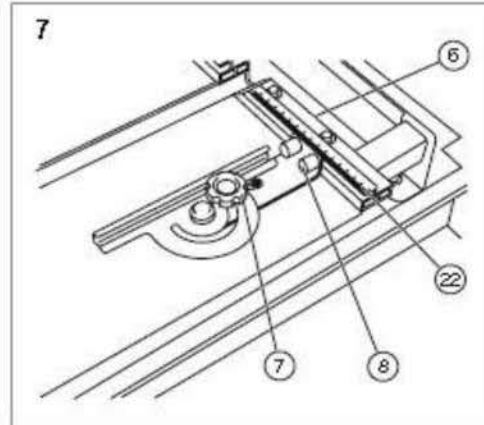
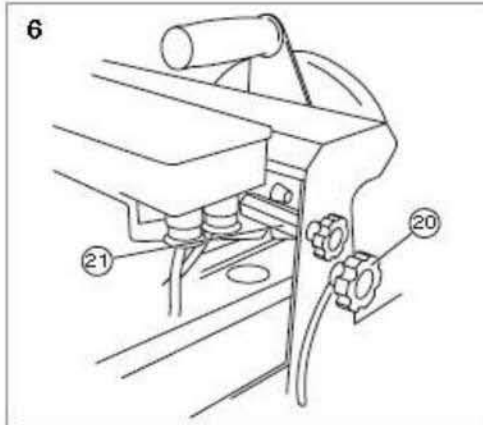
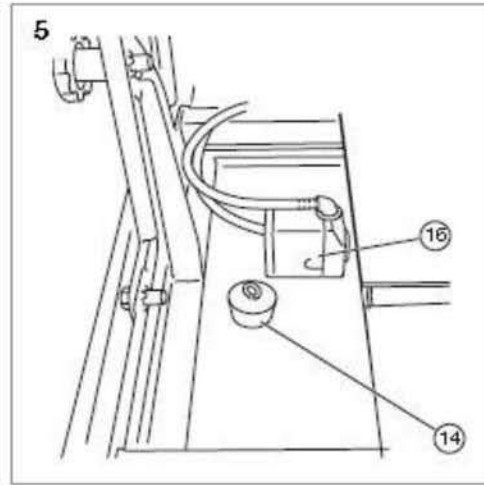
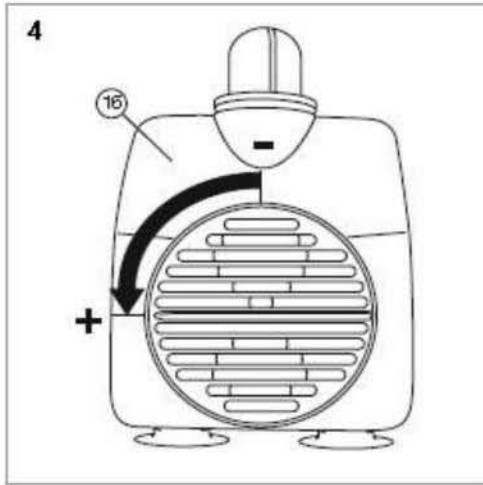
- Contact with the cutting wheel in a position where it is not protected.
- Interfering with the running cutting wheel.
- Using the cutting wheel with damaged diamond layer.
- Rebound of work piece and work piece parts.

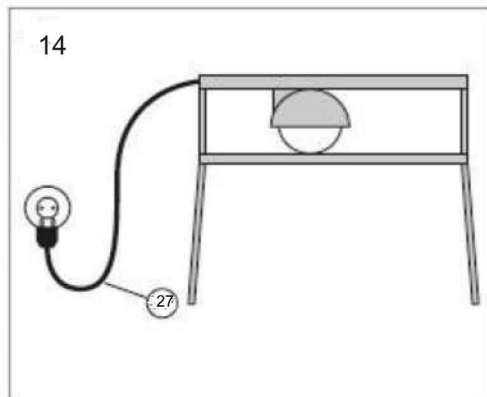
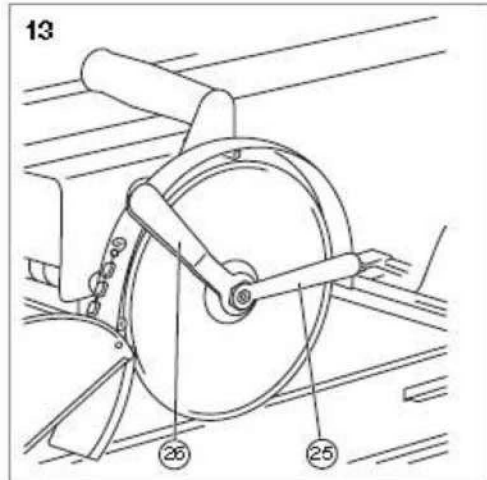
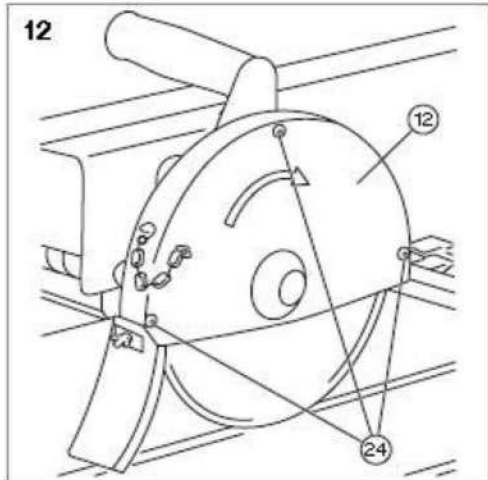
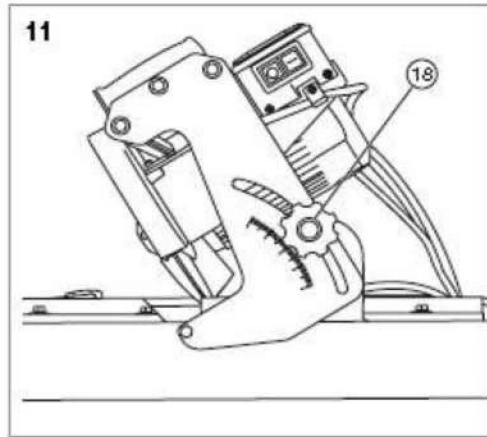
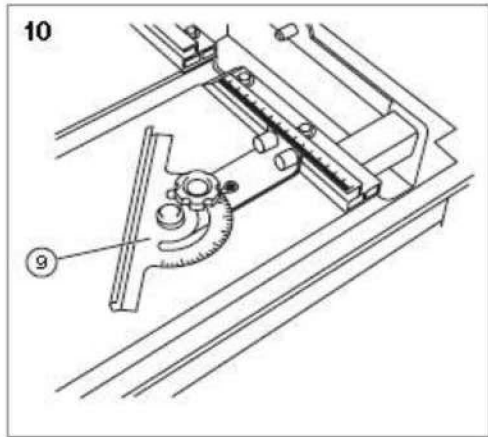
**WARNING!** This machine is likely to emit non-ionizing radiation, produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we



recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this machine.







## Your machine at a glance

➤ P.9, item 1

1. Motor
2. Hand grip
3. On/Off switch
4. Guide rail
5. Work piece support
6. Work piece stop
7. Locking screw-angle guide scale (star shaped bolt, mitre cut)
8. Locking screw-angle guide scale (Knurled bolt, parallel cut)
9. Angle guide scale
10. Support legs
11. Cutting wheel
12. Protective hood
13. Water spray protector
14. Rubber Stopper for cooling water outflow
15. Locking screw-support legs
16. Cooling water pump
17. Water bath
18. Locking screw-angle adjuster (star handle bolt, Jolly cuts)

### What is included?

- Instructions for use
- Radial tile cutter
- Support legs
- Cutting wheel
- Cooling water pump
- Tool for fitting/removing cutting wheel (2x)



**Note:** Should any part be missing or damaged, please contact your dealer.

### Setting up



**DANGER!**  
**Danger of injury**

No parts may be installed or removed unless the motor has been turned off and the tool has been unplugged from the mains.

### Angle guide scale and Water Pipe assemble

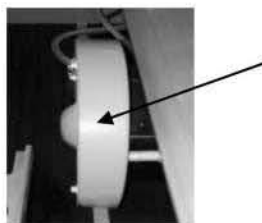
➤ P.9, item 1

-Assemble the locking screw (7, 8), parallel to the suitable place

-Adjust the angle guide scale (9) to right degree, fix it.

-Fix one end of the pipe onto the pump (16)

-Fix the other end of the pipe onto the connector on inner connector guard of blade



### **Fold the legs out**

- P.9,item 2

-Lay the machine on its side.

-Press in the lock (15) on either side or fold out the support legs (10).

-The lock must snap back into place!

-Position the machine and its legs horizontally on a stable and level floor, free of obstacles (except material to be cut) and adequately lit.

### **Fitting the hand grip**

- P.9,item 3

-unscrew the screws (19) from the cutting head.

-Insert the hand grip (2) from the side and screw the screws (19) back in.

**Fit the cooling water pump, fill with cold water, the water bath shall be filled up.**



#### **NOTICE!**

##### **Risk of damage to the machine!**

When fitting the water pump, ensure that the pump and its supply pipes cannot come into the cutting zone of the cutting wheel. The closure of the pump inlet opening must be fully open during cutting operations.

- P.10,item 4

The machine is already set up.

-Turn the closure for the pump inlet to position(+)(open).



#### **NOTICE!**

##### **Risk of damage to the machine!**

If the closure for the pump inlet is in Position (-) (closed) during cutting operations, this will damage the Pump motor!

- P. 10, item 5

-Use the pump frame to fix the cooling water pump (16) to the floor of the water bath



-Insert the rubber stopper (14) into the opening in The floor of the bath.

-Fill the water bath with water until the inlet opening of the cold water pump is

completely below the water surface.

➤ P. 10 item 6

- Unscrew the hex screw (20) of the transport protection.
- The cutting head can be pushed to and fro.
- Slide the cutting head to the side.
- Unscrew the fastening bolt (21).



**Notice!**

**Risk of damage to the machine!**

Before transporting the entire machine, you must first block the cutting head again using the transporting protection. Or you are not allowed to sling/lift the machine.

## Using for the first time



**DANGER!**

**Danger of injury!**

Check:

- that all fastenings and safety equipment on the cutting machine sit correctly and firmly.
- that the cutting wheel is free for possible damage.
- that the cutting wheel sits firmly and is correctly centered on the cutting shaft.
- that the direction arrow on the cutting wheel indicates the direction of rotation of the cutting shaft and check correct rotation of tool.
- that prevent any contact with the rotating tool.
- that the guard is correct mounting.



**DANGER!**

**Danger from electric shock!**

The machine must be connected only to an earthed wall socket with a properly installed and functioning earth connection. Before connection, check that the mains connection cable and plug are not damaged. Ensure that the mains voltage matches that shown on the manufacturer's plate.

S6 15% (intermittent periodic duty) means that you may operate the motor continuously at its nominal power level (800W) for no longer than the time (1.5 min) marked on the label. If you fail to observe this time limit the motor will overheat. During the no-load running period the motor will cool again to its starting temperature.

## Electrical connection



**Danger!**

**Danger from electric shock!**

All connections must be dry and may not touch the ground.

Never touch the plug with wet hands.

➤ P.11, Item 14

-Place the device such that no water can drip on the plug or into the socket outlet.

-The power cable must form a drop loop (27) beneath the socket outlet so that no water can flow along the cable into the socket outlet.

-Should the plug get wet, do not pull off the cable!

-First separate the fuse and then pull the plug off.

## Operation

### Check before starting the device!



**Danger!**

**Risk of injury!**

In the event of a functional fault, immediately press the red button (0) on the On/Off switch and unplug.



### **WARNING!**

#### **Risk of injury!**

The device may only be put into operation if there are no defective, it must be replaced before the device is used again.

Check to make sure the device is in safe operating condition:

- Check to make sure there are no visible defects.
- Check to make sure all device components are correctly mounted.
- Check to make sure the safety mechanisms are functioning properly.
- Check the function of PLUG.
- Check the cooling water level is sufficient.
- Check the area which shall be cleared of everything which may hamper the working action.

### **Cutting work pieces**

1. Adjusting the angle guide scale:
  - P.10,item 7
  - Loosen the star handle bolt (7) of the angle guide scale, and set the angle to 90°.
  - Retighten the star handle bolt.
  - Loosen the knurled screws (8) and push the angle guide scale into the desired position.
  - Retighten the knurled screws.
  - The set cutting width can be read from the scale (22).
2. Positioning the work piece:
  - P. 10,item 8
  - Push the work piece to be cut (23) with the outer edge tight against the stops (6) of the work piece support and against the angle guide scale(9)



### **Danger!**

#### **Danger of injury**

Never reach into the work area of the rotating cutting wheel when the machine is running, apart from the operator nobody shall be within in the working area. The user must inform the intended operator keep 1M away from the running machine.

3. Start the cutting machine:
  - P. 9, item 1
  - Press the green start button on the ON/OFF switch (3).



#### **Note:**

Wait until the cutting shaft has reached its maximum rotational speed and the cutting surface of the cutting wheel is supplied with cooling water before



starting to cut.

#### 4. Cutting work pieces:

- P. 10 ,item 9

-Fix the work piece(23) with one hand, and with the other hand hold the handle(2) of the cutting head, and guide the cutting wheel slowly and evenly through the work piece during the cutting process.

#### 5. Stopping the cutting machine:

- P. 9, item 1

-Press the red stop button on the ON/OFF switch (3).

### Mitre cuts



#### Note:

For complicated cuts (miter and Jolly cuts), we recommend carrying out a test cut in advance. (Please use the angle guide scale when performing a diagonal cut)

- P. 11, item 10

-Push the angle guide scale (9) to the desired angle. Making the adjustment: Straight cuts. Carrying out the cut: Straight

### Jolly cuts

#### Canting the cutting head:

- P. 11, item 11

-Loosen the star handle bolts(18) on both sides of the cutting machine.

-Cant the frame with the guide track to the desired angle. Re-tighten the star handle bolts.

-Set the angle guide scale to 90°.

-Making the adjustment: Straight cuts.

-Carrying out the cut: Straight cuts.

### Cleaning and maintenance



#### DANGER

#### Danger of injury!

Prior to any maintenance and/or cleaning:

- Switch the machine off
- Let the machine cool down
- Pull out the plug.



#### DANGER!

#### In the interest of your own safety!

You should yourself perform only the steps described here. For safety reason, each damaged (cracked) tool has to be replaced before using. Have all other work, in particular repairs, conducted by a trained technician. If the supply cord is damaged, it must be

replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Improperly performed work may cause damage to the machine and result in injury.

**Every 30 days before your using, please your attention on the inspection and maintenance after using.**

### **Cleaning and maintenance overview**

#### **Prior to every start**

##### **What**

Check mains cable, mains plug,  
Supply cables, cold water pump  
And cutting wheel for damage

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##### **How?**

Visual inspection.

#### **Regularly, depending on conditions of use**

##### **What**

Check all screwed connections and  
tighten them if necessary

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##### **How?**

Visual inspection

Clean dust and splinters from the machine.

Blow dust and splinters  
away with compresses  
air, or use a brush.

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Remove all dust and splinters from the  
Ventilation slits of the motor.

Remove the dust and  
Splinters with a vacuum  
cleaner or a brush.

---

Remove deposits from the cold water pump

Wipe the deposits  
away with a cloth

---

Change the cooling water

Clean and change the  
cooling water-p18.

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#### **If necessary**

##### **What**

Changing the cutting wheel

##### **How?**

Changing the cutting  
wheel-p19.

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#### **Clean and change the cooling water**

Rinse with clean water. Remove stubborn contamination with a brush and some detergent. Afterwards, rinse thoroughly with clean water to prevent foam formation.

## NOTICE

### Risk of damage to the machine!

If the cooling water is very dirty, the efficiency of cooling water pump is reduced, and this can result in damage or breakdown of the pump motor.

- P.9, item 1
  - Hold a suitable vessel under the drain outlet of the water bath.
  - Remove the rubber stopper (14) in order to release the dirty water.
  - Use clean water to remove dirt deposits remaining in the water bath and on the housing of the cooling water pump.
  - Insert the rubber stopper back into the drain outlet of the water bath.
  - Fill the water bath (17) with water until the inlet opening of the cold water pump is completely below the water surface.

### Changing the cutting wheel



**DANGER!**

**Danger of injury!**

Ensure that there is no current in the machine-unplug the mains plug.  
Always wear gloves when changing the cutting wheel.

### Remove the cutting wheel.

- P.11, item 12
  - Loosen the fixing bolts (24) of protective hood (12) and pull it off.
- P.11, item 13
  - Prevent the motor shaft from turning by means of the smaller spanner (25).
  - Turn the larger spanner (26) to the right (clockwise; **Left hand thread!**) to release the flange nut.
  - Pull the flange nut, clamping flange and cutting wheel off the motor shaft
  - The rear clamping flange stays on the motor shaft.

### Fit the cutting wheel



**DANGER!**

**Danger of injury!**

Check that the cutting disc runs perfectly concentrically in the right direction, and that it has no damage.

- P.11, item 13
  - First push the cutting wheel, and then the clamping flange onto the motor shaft. The arrow embossed onto the cutting wheel must point in the direction of rotation of the smaller spanner.
  - Turn the larger spanner to the left (counterclockwise; left hand thread!) to tighten the flange nut.
  - Check through turning by hand (wear gloves!) that the cutting disc turns without sideways or vertical play. If necessary, correct the seating of the cutting disc.

## Storing

If there is a risk of frost, dismantle the machine and accessories, clean them and store in a place protected from frost.

Store the device and the cutting wheels in safe location, well away from children.



### NOTICE!

#### Risk of damage to the machine!

Frost destroys the machine and accessories, as these always contain water!

## Malfunctions and troubleshooting

In the event of a malfunction...



### DANGER!

#### Danger of injury!

Improperly conducted repairs may prevent your machine working safely. Such repairs will endanger you and your surroundings.

Minor faults are often sufficient to cause a malfunction. In most cases, you will be able to correct these faults easily yourself. Please start by referring to the following table before contacting your market. This will help you save much effort and possibly expense.

Fault/malfunction	Cause	Remedy
Motor does not run.	No mains voltage?	Check cables, plug, and socket and fuse
Motor runs, cutting wheel stops under load	Flange nut loose?	Check that the flange nut is tight and tighten as required.
Cutting wheel runs off-center/ vibrates strongly.	cutting disc warped?	Changing the cutting wheel-p.19.
	Cutting disc is mounted Incorrectly	Fit the cutting wheel-p.19.
Little or no cooling water flow	Water pump draws in air?	Top up the water.
	Water hose kinked?	Changing position of hose.
	Closure pump inlet closed?	Set pump inlet to position(+)(open)
Cutting wheel has contact coloration	Insufficient cooling water?	Correct the supply of cooling water
	Side friction due to drift when cutting?	Guide the cutting head more slowly Through the material.

## Disposal



### Disposal of the appliance

**CAUTION!** This product shall not be discarded with household waste but that it shall be returned to a collection system which conforms to the European WEEE Directive. Contact your local authorities or stockist for advice on recycling. It will then be recycled or dismantled in order to reduce the impact on the environment. Electric and electronic equipment can be hazardous for the environment and for human health since they contain hazardous substances.

### Disposal of packaging

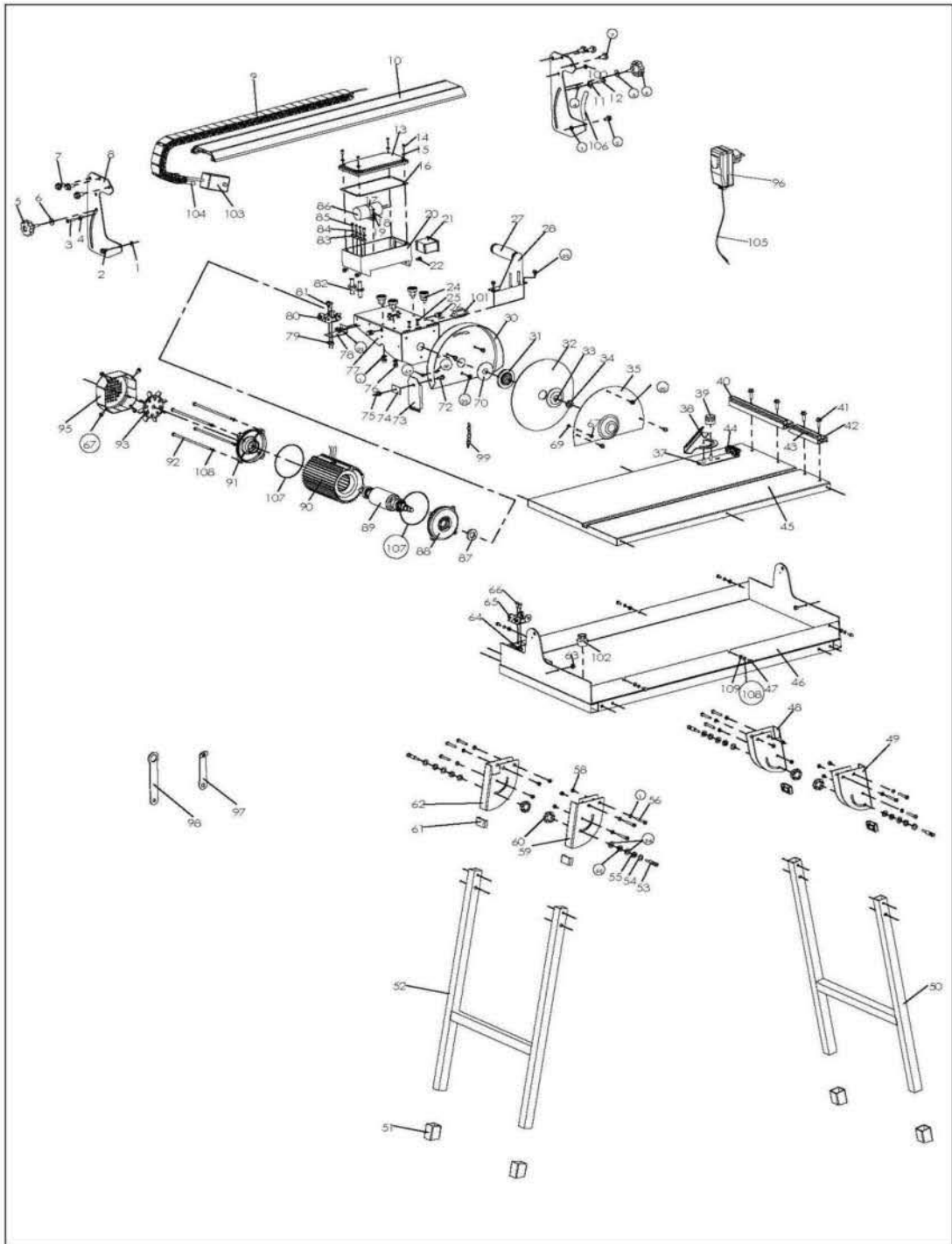


The packaging consists of cardboard and correspondingly marked plastics that can be recycled.

-Make these materials available for recycling.

**Technical data**

Item number	12162
<b>Tile cutter</b>	
Rated voltage:	240V-50Hz
Rated power:	500W S1; 800W S6 15%
Idling speed:	2990min <sup>-1</sup>
Degree of protection:	IP 54
Support table (length*width):	690 X385mm
Max. Cutting length approx.:	620mm
Max. Cutting Width dimension	770mm
Max. Work piece thickness for a 90 <sup>0</sup> :	32mm
Max. Work piece thickness for a 45 <sup>0</sup> :	28mm
Dimension of cutting disc:	φ200x 25.4x2.4mm
Nominal Mass:	26kg
Max. operation Mass:	30kg
<b>Noise emission</b>	
The noise emission values have been obtained according to this noise test code- Grade 2 of accuracy.	
Acoustic pressure (L <sub>PA</sub> ):	85dB(A); (K=3 dB(A))
Sound power level (L <sub>WA</sub> ):	98dB(A); (K=3 dB(A))



CODE	DESCRIPTION	QTY.	CODE	DESCRIPTION	QTY.
1	Flat padφ6	18	56	Screw	12
2	Flange bolts	2	58	Self-locking nut	12
3	Phillips screws	1	59	Bracket3	1
4	Positioning block	2	60	Plastic insert nut	4
5	Turn locking handle	2	61	Bracket pad	4
6	Flat pad	2	62	Bracket4	1
7	Flange bolts	6	63	Self-locking nut	2
8	Rotating plate	2	64	Screw nut	2
9	Towline	30	65	Towline connector	1
10	Beam	1	66	Phillips screwsM5	2
11	Pointer	1	67	Phillips screws trio	6
12	Phillips screws	1	69	Screw nut	2
13	Switch cover	1	70	Water blocking ring	1
14	Self-tapping screws	4	71		
15	Flat pad	4	72	Coach screws	1
16	Switch box pad	1	73	Flap	1
17	Capacitor Card	1	74	Plate	1
18	Self-tapping screws	1	75	Wing nut	1
19	Flat pad	1	76	Self-locking nut	4
20	Switch Box	1	77	Motor fixing plate	1
21	Switch	1	78	Towline angle iron	1
22	Phillips screws trioM5	14	79	Screw nut	2
24	Davit bearings (riveting)	4	80	Towline connector	1
25	Countersunk head screws	4	81	Phillips screws	2
26	Limiting nails	2	82	Outlet hose	2
27	The gloves	1	83	Pressure line card	2
28	Handle	1	84	Flat pad	4
30	Inner shroud	1	85	Self-tapping screws	4
31	Within chuck	1	86	Capacitance	1
32	Cutting discs	1	87	Seal	1
33	Outside chuck	1	88	Front cover	1
34	Screw nut	1	89	Rotor shaft	1
35	The outer housing	1	90	Motor cylinder	1
37	Square mounting plate	1	91	Endcap	1
38	Square	1	92	Hex screws	4
39	Square locking handle	1	93	Blade	1
40	Ruler guide1	1	95	Fan cover	1
41	Flange bolts	4	96	PRCD	1
42	Ruler guide2	1	97	Small wrench	1
43	Locking block	1	98	Big Wrench	1



CODE	DESCRIPTION	QTY.	CODE	DESCRIPTION	QTY.
44	Square mounting plate locking handle	2	99	Chain	1
45	Countertops	1	100	Screw nut	1
46	Sink	1	101	Hexagonal rods	1
47	Hex screws	6	102	Sink stopper	1
48	Bracket 1	1	103	Pump	1
49	Bracket2	1	104	Pipes	1
50	Supporting leg1	1	105	Power Cord	1
51	Rubber feet	4	106	45 ° stickers	1
52	Supporting leg2	1	107	Cover gasket	2
53	Locking screw	4	108	Shells padφ5	10
54	Flat pad	12	109	Flat padφ5	6
55	Wave spring	8			

# ***EXCEL***

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