

CLASS

- I Istruzioni per l'uso della
Taglierina elettrica
- GB Operating Instructions
Tile cutting machine
- F Mode d'emploi
Machine à découper les carreaux
- DK Betjeningsvejledning
Flisesavemaskine

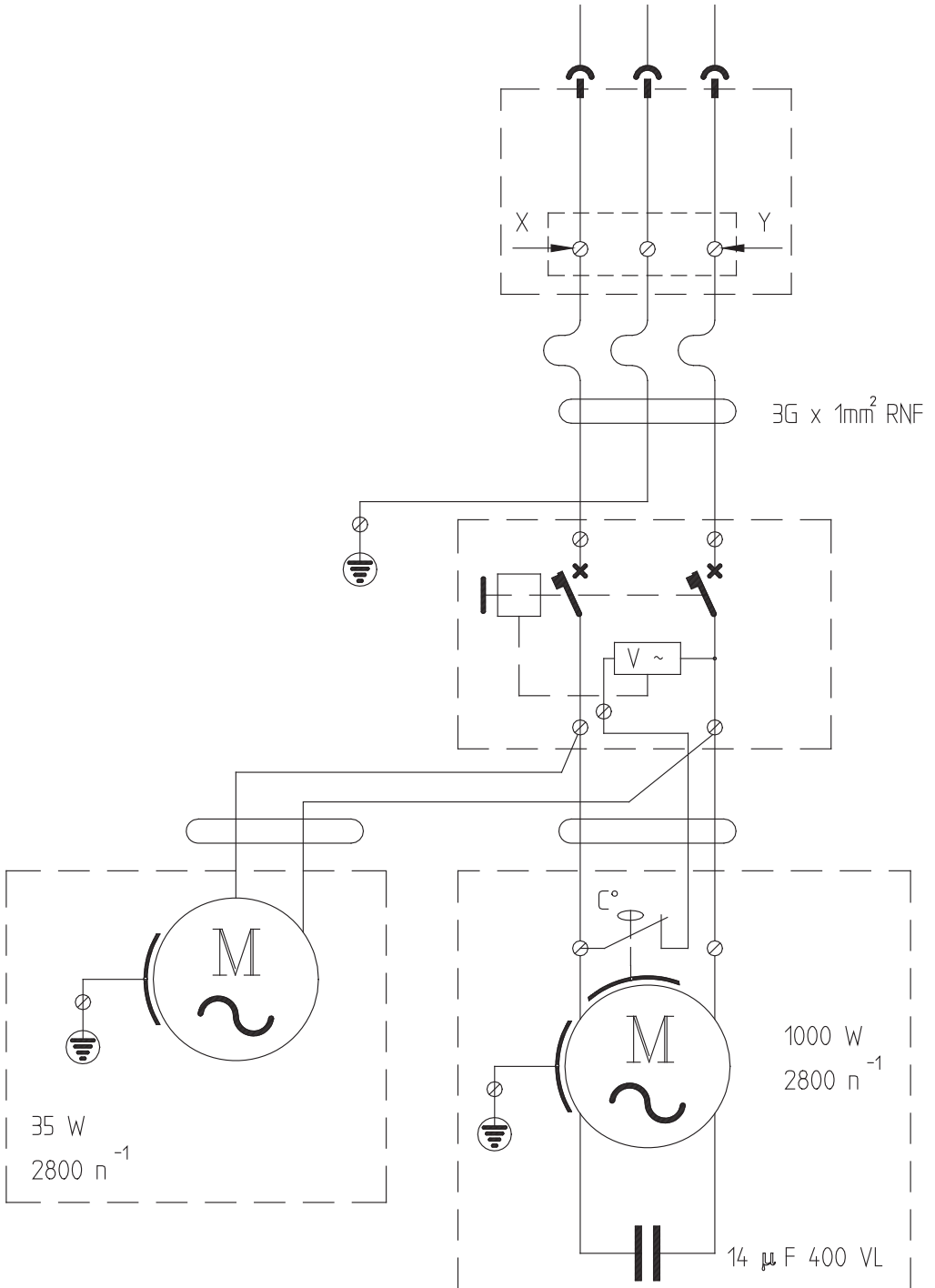
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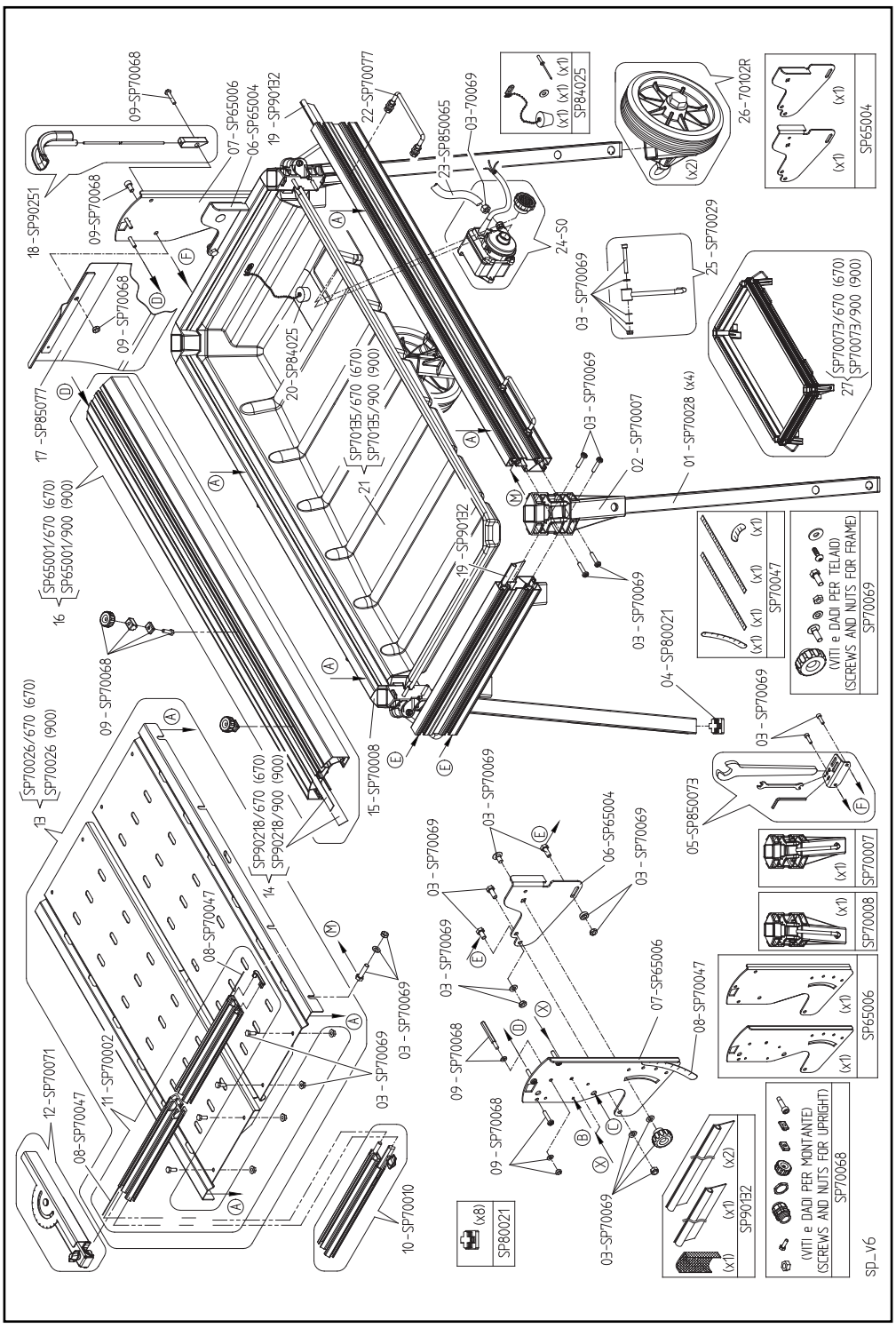
EAC



www.battipav.com

230 V ~ 50 Hz





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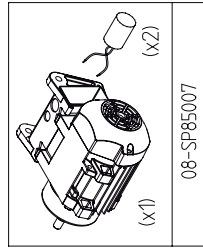
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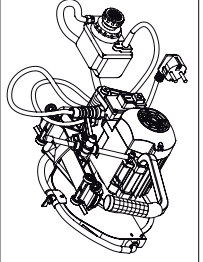
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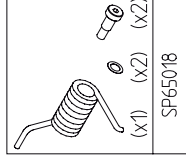
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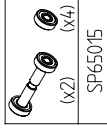
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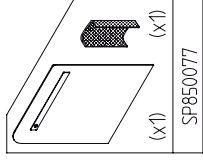
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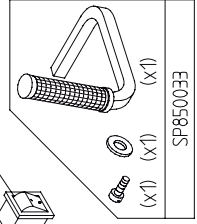
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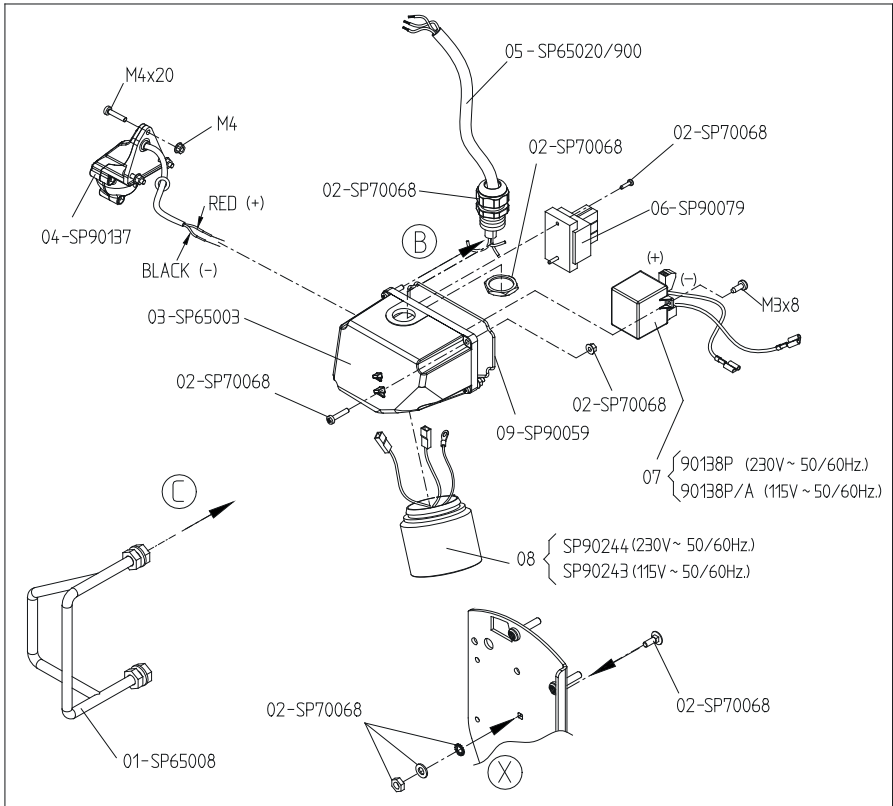
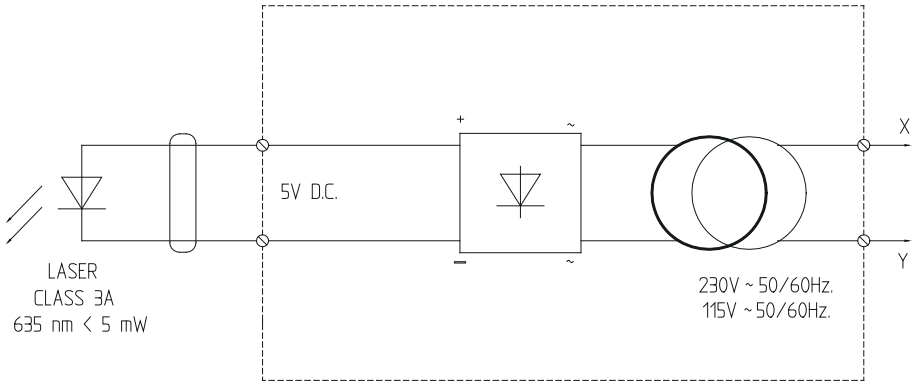
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<p style="text-align: center;">I</p> <p>DICHIARAZIONE CE DI CONFORMITÀ</p> <p>Il sottoscritto, rappresentante il seguente costruttore</p>	<p style="text-align: center;">GB</p> <p>EC DECLARATION OF CONFORMITY</p> <p>The undersigned, representing the following manufacturer</p>	<p style="text-align: center;">F</p> <p>DECLARATION CE DE CONFORMITE</p> <p>Le soussigné, représentant le constructeur ci-après</p>	<p style="text-align: center;">D</p> <p>KONFORMITÄTSERKLÄRUNG</p> <p>Der Unterzeichner, der den nachstehenden Hersteller vertritt</p>
<p>BATTIPAV S.R.L. Z. I. 2 - Via Cavatorta, 6/1 - 48010 Cotignola (Ra) ITALY</p>			
<p>dichiara qui di seguito che la taglierina per ceramica, monocottura, marmo</p>	<p>herewith declares that the cutting machine for ceramic, single-firing ceramic, marble</p>	<p>déclare par la présente que le coupe-carreaux pour céramique, monocuisson, marbre</p>	<p>erklärt hiermit, daß die Schneidemaschine für Keramikfliesen, einfach gebrannten Fliesen, Marmor</p>
<p>Mod. 65670 230V ~ 50 Hz 1000 W S3 50% 30s/30s 2800 min-1 MOTOR CLASS F</p>	<p>Mod. 65671 230V ~ 50 Hz 1000 W S3 50% 30s/30s 2800 min-1 MOTOR CLASS F</p>	<p>Mod. 65900 230V ~ 50 Hz 1000 W S3 50% 30s/30s 2800 min-1 MOTOR CLASS F</p>	<p>Mod. 65901 230V ~ 50 Hz 1000 W S3 50% 30s/30s 2800 min-1 MOTOR CLASS F</p>
<p>risulta in conformità a quanto previsto dalle seguenti direttive comunitarie: DIRETTIVA 2006/42/CE, DIRETTIVA 2004/108/CE, DIRETTIVA 2006/95/CE, DIRETTIVA 2002/96/CE, e che sono state applicate tutte le norme e/o specifiche tecniche indicate.</p>	<p>is in conformity with the provisions of the following EC directives: 2006/42, 2006/95, 2004/108, 2002/96 and that the standards and/or technical specifications referenced have been applied.</p>	<p>est conforme aux dispositions des directives CE suivantes: DIRECTIVE 2006/42/CE, DIRECTIVE 2004/108/CE, DIRECTIVE 2006/95/CE, DIRECTIVE 2002/96/CE, et que les normes et/ou spécifications techniques ont été appliquées.</p>	<p>in Übereinstimmung ist mit den Bestimmungen der nachstehenden EG-Richtlinien: EG RICHTLINIE 2006/42, EG RICHTLINIE 2004/108, EG RICHTLINIE 2006/95, EG RICHTLINIE 2002/96, und daß die Normen und/oder technischen Spezifikationen, zur Anwendung gelangt sind.</p>
<p>EN ISO 12100-1, EN ISO 12100-2, EN ISO 14121-1, EN 61029-1, EN 60335-1, EN 60335-2-41, EN 12418, IEC 1029-2-7, EN 55014-1, EN 55014-2, EN 610006-1, EN 610006-3, EN 610006-4-2, EN 610006-4-4, EN 610006-4-5, EN 610006-4-6</p>			
<p>e autorizzo Zoli Alberto a costituire il fascicolo tecnico</p>	<p>and Zoli Alberto is authorized to compile the technical file</p>	<p>et Alberto Zoli est autorisé à constituer le dossier technique</p>	<p>und Alberto Zoli ist berechtigt die technischen Unterlagen zusammenzustellen</p>
<p>Data di costruzione</p>	<p>Date of manufacture</p>	<p>Date de fabrication</p>	<p>Produktionsdatum</p>
<p>N° di Serie:</p>	<p>Series N.</p>	<p>N° de série</p>	<p>Seriennummer</p>
<p>Direttore Generale Claudio Tondini</p> 	<p>General Manager Claudio Tondini</p> 	<p>Le Directeur Général Claudio Tondini</p> 	<p>Der Generaldirektor Claudio Tondini</p> 

E	PL	DK	P
DECLARACIÓN DE CONFORMIDAD CE	DEKLARACJA ZGODNOOCI WE	EFOVERENSSTEMMELSESEKLERING	DECLARAZÃO CE DE CONFORMIDADE
El abajo firmante, en representación de	Nizej podpisany, reprezentujący firmę:	Undertegnede, der repræsenterer følgende fabrikant	O abaixo assinado, em representação do seguinte fabricante
BATTIPAV S.R.L. Z.i.2 - Via Cavatorta, 6/1 - 48010 Cotignola (Ra) ITALY			
declara que la cortadora para cerámica, monococción, mármol	niniejszym deklaruje, że przycinarka tarczowa do ceramiki	erklærer hermed at Skæremaskinen for keramik, enkeltbrændt, marmor	pela presente declara que a cortadora para cerâmica, mono-cozedura, mármore
Mod. 65670 230V ~ 50 Hz 1000 W S3 50% 30s/30s 2800 min-1 MOTOR CLASS F	Mod. 65671 230V ~ 50 Hz 1000 W S3 50% 30s/30s 2800 min-1 MOTOR CLASS F	Mod. 65900 230V ~ 50 Hz 1000 W S3 50% 30s/30s 2800 min-1 MOTOR CLASS F	Mod. 65901 230V ~ 50 Hz 1000 W S3 50% 30s/30s 2800 min-1 MOTOR CLASS F
es conforme con las disposiciones de las siguientes directivas CE: DIRECTIVA 2006/42/CE, DIRECTIVA 2006/95/CE, DIRECTIVA 2004/108/CE, DIRECTIVA 2002/96/CE y que se han aplicado las normas y/o especificaciones técnicas referenciadas.	spełnia wymagania następujących dyrektyw Wspólnoty Europejskiej: 2006/42/CE, 2006/95/CE, 2004/108/CE, 2002/96/CE oraz, że zastosowano normy zharmonizowane.	er i overensstemmelse med bestemmelserne i følgende EF direktiver: EF direktiv 2006/42, EF direktiv 2006/95, EF direktiv 2004/108, EF direktiv 2002/96, og at alle standarder og/eller tekniske specifikationer er blevet anvendt.	está em conformidade com o estabelecido nas seguintes diretivas comunitárias: DIRECTIVA 2006/42/CE, DIRECTIVA 2006/95/CE, DIRECTIVA 2004/108/CE, DIRECTIVA 2002/96/CE e que foram aplicadas as normas e/ou especificações técnicas referenciadas.
EN ISO 12100-1, EN ISO 12100-2, EN ISO 14121-1, EN 61029-1, EN 60335-1, EN 60335-2-41, EN 12418, IEC 1029-2-7, EN 55014-1, EN 55014-2, EN 610006-1, EN 610006-3, EN 610006-4-2, EN 610006-4-4, EN 610006-4-5, EN 610006-4-6			
y Alberto Zoli tiene autorización para elaborar el expediente técnico	i Alberto Zoli jest upoważniona do przygotowania dokumentacji technicznej	og Alberto Zoli bemyndiges til at udarbejde det tekniske dossier	e Alberto Zoli está autorizado a compilar o processo técnico
Fecha de fabricación	Data produkcji	Fremstillingsdato	Data de produção
N° de serie:	Numer serijny.	Serie N.:	N° de serie
Director General Claudio Tondini 	Dyrektor naczelny Claudio Tondini 	Direktør Claudio Tondini 	Diretor Geral Claudio Tondini 

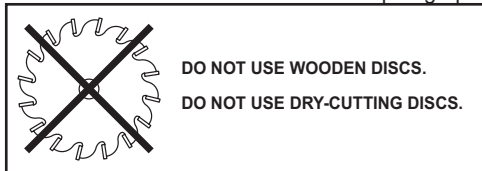
"TRANSLATE OF THE ORIGINAL INSTRUCTION"**1. Purpose of this Manual**

This manual is an integral part of the machine. It was produced by BATTIPAV S.R.L. to provide those authorised to work with the machine with the information required for its foreseeable lifespan. Before starting to use this machine read the safety chapter carefully.

Each machine is subjected to a series of tests and carefully checked before leaving our factory. BATTIPAV S.R.L. is constantly striving to develop their machines and therefore reserves the right to make any change without prior notice. Therefore, no claims may be made on the basis of the data and illustrations contained in this manual.

2. Safety information

- The manufacturer accepts no responsibility where the CLASS cutter is used with any tools other than those specified in the "RECOMMENDED USE" paragraph.



- CLASS is made to operate exclusively under the conditions indicated under "TYPE OF OPERATION ALLOWED", in the "TECHNICAL DATA" paragraph.
- During cutting operations, allow the machine to rest as indicated.
- CLASS is not made for use with a continuous load.

**CAUTION!**

DO NOT USE DIAMOND TIPPED DISCS OF LOW QUALITY OR THAT ARE NOT SUITABLE FOR THE SPECIFIC USE FOR WHICH THE MANUFACTURER SUPPLIED THEM. THE USE OF POOR QUALITY DISCS CAN HARM THE OPERATOR AND DAMAGE THE MACHINE, AS WELL AS SIGNIFICANTLY SLOWING THE WORK.

**CAUTION!**

THE MACHINE IS NOT INTENDED FOR USE IN AN EXPLOSIVE ENVIRONMENT

**CAUTION!**

ALWAYS USE INDIVIDUAL PROTECTION DEVICES TO REDUCE THE RISKS CAUSED BY WORK. NEVER START THE MACHINE WHEN THE CUTTING TOOL IS MOVING; WAIT FOR IT TO STOP.

Warning! When using electric tools, following safety precautions should always be followed to reduce the risk of fire, electric shock and personal injuries. Read and follow all these instructions before attempting to operate this product and save them with care!

SAVE THESE INSTRUCTIONS WITH CARE.**Keep your work area perfectly clean**

- Cluttered areas invite injuries.

Consider work area environment

- Don't expose tools to rain.
- Don't use tools in damp or wet locations. Keep work area well lit.
- Don't use tools in presence of flammable liquids or gases.

Guard against electric shocks

- Prevent body contact with grounded surfaces.

Keep children away!

- Do not let third parties contact tool or extension cord. All visitors should be kept away from work area.

Store your tools in a save place

- When not in use, tools should be stored in dry and save places, out of the reach of children.

Don't force tool

- It will function better and in a safer way at the rate for which it was intended.

Use the right tool

- Don't use low duty tools or accessories to do the job of a heavy-duty tools. Don't use tools for purposes not intended.

Dress properly

- Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair. Use safety glasses.
- Use a mask if working operations are dusty.

Don't abuse cord

- Never carry tool by cord or yank it to disconnect it from socket.
- Keep cord from heat, oil and sharp edges.

Avoid unsteady positions

- Be sure to work in a safe and balanced position.

Maintain tools with care

- Keep tools sharp and clean for better and safer performance.
- Follow all maintenance advice and instructions to replace accessories subject to wear. Inspect tool cords periodically and, if damaged, have them repaired by an authorised expert. Check extension cords periodically and replace them if damaged. Keep handles dry, clean and free from oil and grease.

Disconnect tools

- When not in use, before servicing, and when changing accessories subject to wear.

Remove service keys from tool

- Form the habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.

Avoid unintentional starting

- Be sure that the switch is off when plugging in the tool.

Extension cords for outdoor works

- When tool is used outdoors, use only extension cords intended for this particular use and so marked.

Stay alert

- Watch what you are doing. Use common sense. Do not operate tool when you are inattentive.

Check tool for damaged parts

- Before further use of the tool, check it and the safety devices for damages and be sure that they operate properly. Check for functioning and binding of moving parts, breakage of parts, correct mounting, and any other conditions that may affect the correct operation of the tool.
- Damaged safety devices or other parts should be properly repaired or replaced by an authorised Service Centre unless otherwise

indicated elsewhere in this instruction manual.

- Have defective switches replaced by an authorised Service Centre.
- Do not use tool if its switch cannot be turned on or off.

Warning

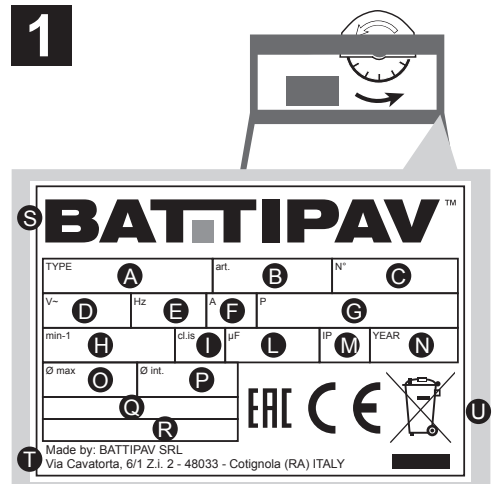
- For your personal safety use only accessories recommended in this instruction manual or in the relevant catalogues. The use of any other accessory or attachment other than those recommended in this instruction manual or in the relevant catalogue may present a risk of personal injury.

Have tools repaired by qualified personnel

- This electric appliance is in accordance with the safety rules in force. Only qualified experts may carry out repairing of electric appliances otherwise it may cause considerable danger for the user.

3. Manufacturer and machine

The nameplate shown is fitted directly on the machine. It indicates all the references and information necessary for safe operation.



A	Machine model	M	IP Level
B	Item	N	Year of manufacture
C	Serial number	O	Max tool diameter
D	Power supply voltage	P	Internal tool diameter
E	Power supply frequency	Q	Accessories
F	Current absorption	R	Accessories
G	Installed power rating	S	Manufacturer's name
H	Tool rotation speed	T	Manufacturer's name and address
I	Class of protection	U	Certification Marks
L	Starter capacitor		

4. Machine description



The CLASS site cutter is a machine intended specifically for cutting ceramics, marble, granite, bricks, concrete items and similar materials, up to a thickness of 40 mm.








The machine uses a wet diamond tipped tool cutting system and is intended for personnel specialized in the construction sector.

The operator works in front of the narrow side of the machine, within reach of the operating controls, and positions the material to be cut on the moving worktop. He/she starts the machine and moves the cutting head to bring the tool into contact with the material.

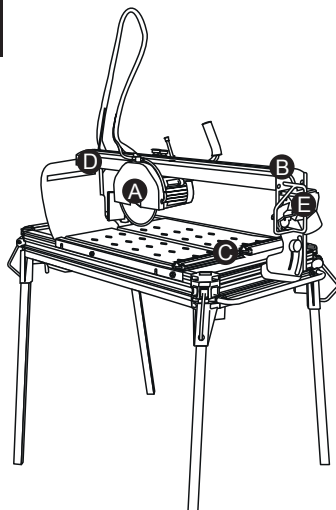
5. Signs

Symbols and signs:
Danger/prohibition stickers are applied to the machine where necessary. Look at these prior to using the machine.

A		Use of prescribed PPE obligatory (Safety eyewear and earmuffs)
A		Read operating instructions before each use.

A		Use of prescribed PPE obligatory (Protective Gloves)
A		Warning! Danger of accidental contact
A		Do not use discs for wood or metal
B		Do not wash with water under pressure
C		Recovery tank water level
D		Warning! Secure the carriage
E		Presence energy electric

2



6. Technical Data

Voltage:	230V 50/60Hz~
Power absorbed:	1000 W

Admissible working conditions:
 INTERMITTENT S3 SERVICE
 30s Under load running
 30s Repose

Rotation speed:	2800 min ⁻¹
Condenser:	14 µF
Thermal circuit breaker:	170°C
IP Degree:	54

CLASS 670 CLASS 670S	CLASS 900 CLASS 900S
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Operating weight

37 Kg	41 Kg
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Tank capacity (min/max)

12/15,5Lt	15/19,5Lt
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CUTTING TOOL

DIAMOND BLADE WET CUTTING

CONTINUOUS CROWN:

ceramic, single-fired ceramic, cotto and marble
 (max. thickness 20 mm.)

THE TOOL / MATERIAL TO BE CUT MATCHES ARE PURELY INDICATIVE.

**ALWAYS FOLLOW THE INTENDED USE
 INDICATIONS PROVIDED BY THE CUTTING
 TOOL MANUFACTURER BEFORE ANY
 APPLICATION.**

CLASS 670 CLASS 670S	CLASS 900 CLASS 900S
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Max tool diameter:	Ø200mm
Centre hole:	25,4 mm
Max. cutting depth:	
90° cut:	40 mm

Max. cutting length

670 mm	900 mm
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Water recirculation pump:	S0 230V 50/60Hz
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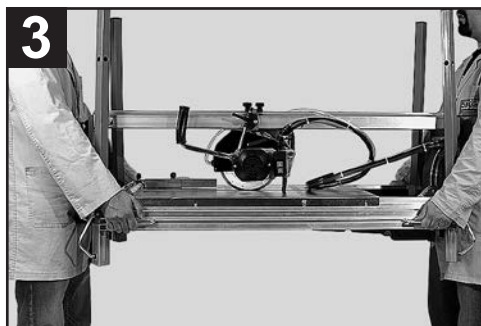
Machine dimensions:

CLASS 670	660 x 1070 x h. 1200 mm
CLASS 670S	660 x 1070 x h. 1200 mm
CLASS 900	660 x 1300 x h. 1200 mm
CLASS 900S	660 x 1300 x h. 1200 mm

7. Installation

TRANSPORT

The CLASS machine is easy to carry by using the specially provided side handles(See picture 3).



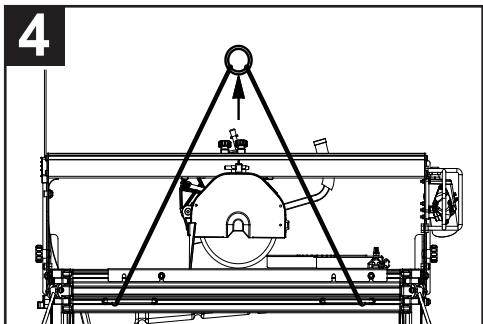
Before carrying the machine make sure that:

- The motor slide is locked in place with the two cutting adjustment knobs on the slide rail.
- The motor carriage is completely lowered and locked with the locking lever.
- The inclination adjustment knobs are properly tightened.
- The tube-holder rod is out of its housing.

TO MOVE THE MACHINE

- a) Use a 4 (four)-arm tie rod, making use of the hooks in the transport handles (See picture 4).
- b) With the aid of a second person, move the machine by means of the transport handles. (See picture 3)

4



To move the machine, use a four-arm tie rod with the capacity to lift 200 kg or at least 20% more than the machine weight, by making use of the hooks in the transport handles (see picture 4).

HANDLING

By using the “transport wheels” accessory (standard for Art. 65671, 65901), the machine can be moved with the aid of a second person.



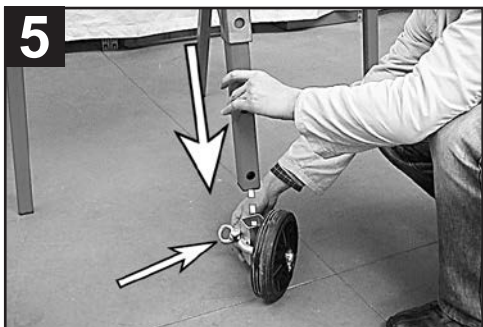
CAUTION!

IN ORDER NOT TO COMPROMISE THE MACHINE STABILITY, KEEP STRICTLY TO THE FOLLOWING PROCEDURES. HOLD THE MACHINE DURING THE OPERATIONS DESCRIBED BELOW.

When the machine is in working position:

- loosen the leg locking pin on the opposite side of the control unit;
- lift the leg and put it in the wheel support (see picture 5);

5



- lock the leg with the relative locking pin;
- tighten the wheel support setscrew (see picture 5);
- repeat the operation for the other wheel.



CAUTION!

IN ORDER TO FACILITATE THE CLASS MACHINE MOVEMENT IN THE YARD, WE RECOMMEND LOWERING IT UNTIL THE LOWERED POSITION.

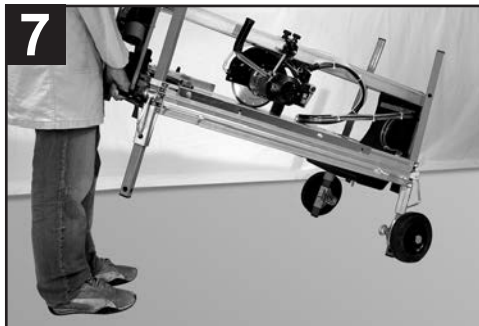
- loosen the leg locking pins on the front side, one at a time, holding the machine from the transport handles;
- lower the machine front side, making the legs slide inside the supports until the leg middle hole matches the hole of the supports (see picture 6);
- lock the legs by means of the relevant leg locking pins;
- repeat the operations indicated in points (a), (b), (c) for the rear side.

6



MOVE THE MACHINE AS INDICATED IN PICTURE 7

7



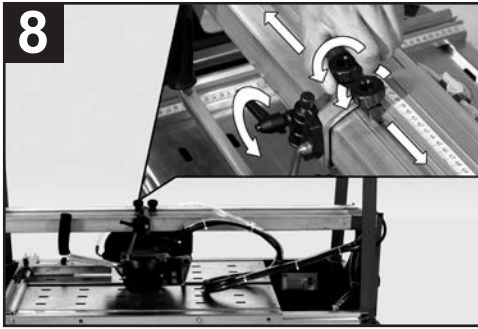
POSITIONING

Place the machine on a stable surface.

**CAUTION!**

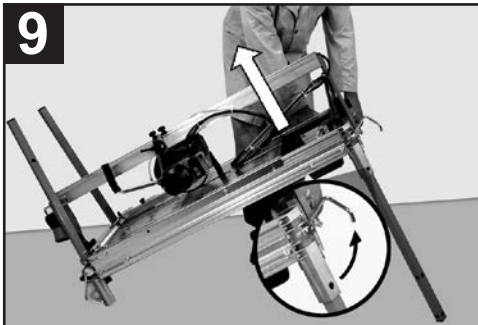
Make sure that:

- The motor head is locked by means of the relevant locking knobs located on the slide rail (See picture 8).
- The motor head inclination adjustment lever is properly tightened (See picture 8).



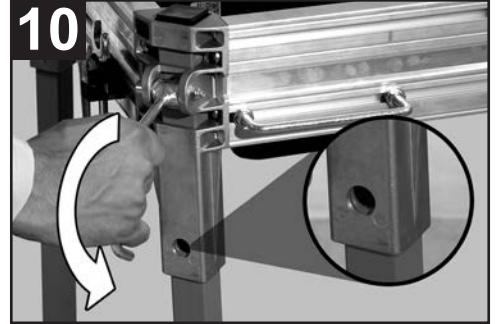
To place the machine in working position, proceed as follows:

- a) Put the leg locking pins in release position. (See picture 9)
- b) By means of the transport handles, lift one side of the machine until the working position. (See picture 9)

**CAUTION!**

For correct machine positioning, make sure that the leg upper hole matches the leg coupling hole. (See picture 10)
Hold the machine during the leg locking phases.

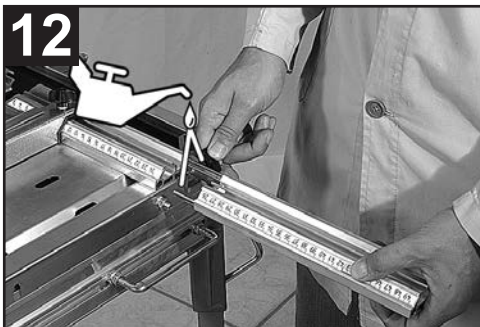
- c) Lock the legs one at a time (See picture 10).



- d) Repeat the operation for the opposite side.
- e) Loosen the motor head locking knobs.
- f) Insert the tube-holder rod in its seat. (See picture 11)



- g) Insert the tile bearing extension (See picture 12).



CHECKING BEFORE USE



CAUTION!

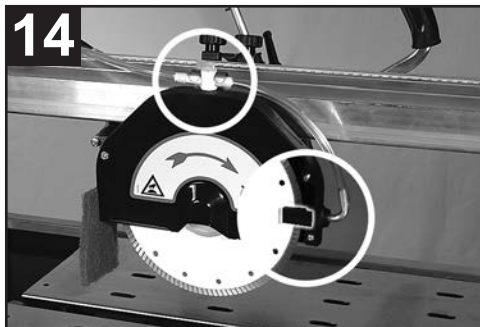
THE CLASS MACHINE HAS BEEN DESIGNED FOR WORKING WITH WATER.



Before any cutting operation, make sure that the water level inside the basin is correct.
(See picture 13)

ADJUSTMENT OF COOLING WATER

Through an on-off valve placed on the disk protection, the water flow can be adjusted according to the type of material to be cut.
(See picture 14) The innovative Spray System cooling system makes it possible and allows the disk to be always wet.



CONNECTING TO POWER SUPPLY



CAUTION!

The machine is to be connected to the power supply by a residual current circuit breaker (RCCB) with the following characteristics:

RCCB	In 6 A Id 30 mA
Transformer	230 V 50 Hz 1500 W Cont. duty

N.B. To ensure correct functioning, periodically check the efficiency of RCCBs by pressing the push-button on the front of the device.

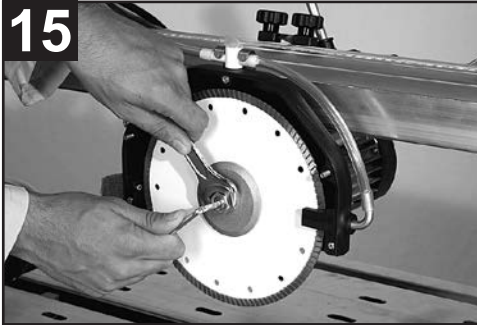
- Make sure that the section of the power supply cable cores has been measured according to the starting current and its length.
For cables up to 50 m long, a section of 2.5 mm² is enough.
- Before connecting the machine to the power socket, check that the power supply voltage corresponds to that shown on the plate on the machine.
- The machine must be connected to an effective earth wire. In case of doubt, do not connect the machine.

BLADE ASSEMBLY / DISASSEMBLY

Before performing any operation or adjustment, disconnect the machine from the supply mains.
Loosen both nuts located on the blade cover guard and remove it.
Remove the blade fixing nut using the 19 mm spanner and a 5 mm Allen key.

**CAUTION!**

THE BLADE FIXING NUT HAS A LEFT-HAND THREAD.



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

CONTROL DEVICES**CAUTION!**

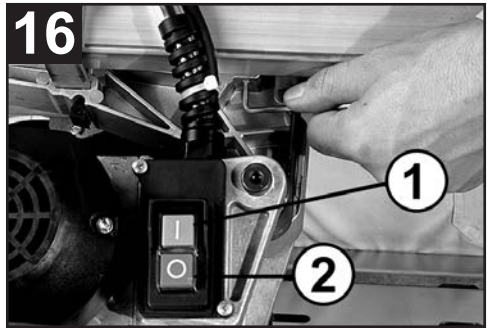
The CLASS machine is equipped with a control board made up of:

1) START BUTTON (GREEN COLOUR):

Press the button fully to activate machine starting.

2) MANUAL STOP BUTTON (RED COLOUR)

Press the button fully to activate machine stop.

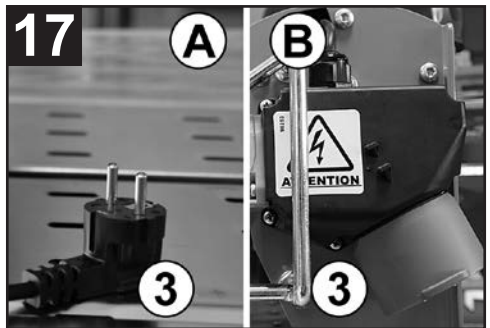
**3) DEVICE FOR DISCONNECTION FROM THE MAINS (PLUG):**

Machine power supply point.

During the maintenance phases, take out the device plug in order to disconnect the machine from the mains.

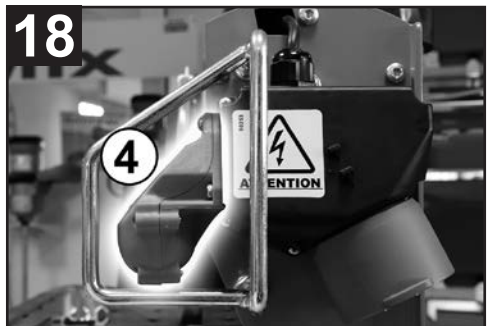
A- 65670, 65900 Version

B- 65671, 65901 Version

**4) LASER MARKER (OPTIONAL ON CLASS 670 AND CLASS 900)**

It projects the cutting line on the table.

It is enabled when the machine is connected to the mains.



8. Cutting on the table



CAUTION!

BEFORE PERFORMING THE CUTTING OPERATIONS, MAKE SURE THAT THE MATERIAL IS PROPERLY LEANED AGAINST THE TILE STOPPER.

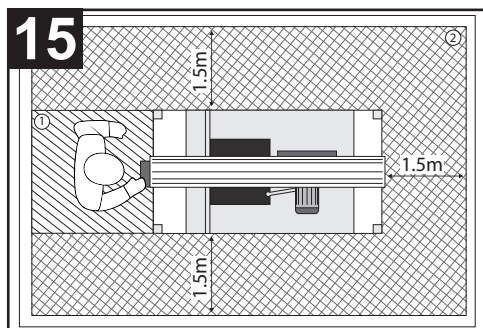


CAUTION!

BEFORE STARTING THE CUTTING OPERATIONS, THE OPERATOR MUST MAKE SURE THAT AT LEAST 150 cm ARE LEFT FREE AROUND THE MACHINE (Pos. 2 Picture 15).

IN ORDER TO WORK IN SAFETY CONDITIONS, DO NOT LET OTHER PEOPLE REMAIN NEAR THE MACHINE DURING THE CUTTING OPERATIONS.

THE OPERATOR STANDS IN THE WORKING POSITION (Pos. 1 Picture 15) DURING THE DIFFERENT MACHINE OPERATION PHASES.



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

Position the piece which needs cutting on the working table and make sure that it is properly leaned against the tile-stopper. If necessary, a bearing square can be of help (See picture 18).



CAUTION!

THE MILLIMETRE RULER PLACED ON THE WORKING TABLE HELPS ONLY WITH THE CARRYING OUT OF LINEAR CUTTING.

In order to carry out any diagonal cutting, lean the tile against the square and go on with the cutting operation (See picture 19).



9. Cutting a surface at 45°

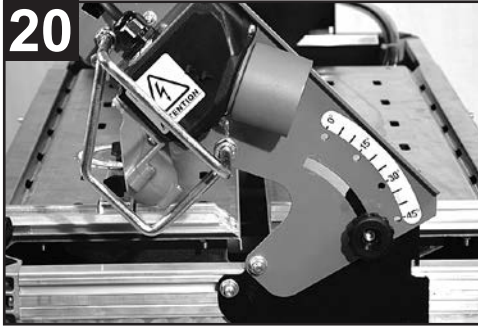


CAUTION!

Before positioning the motor head ensure that:

- The machine is turned off.
- The cutting tool is not in motion.

Referring to the graded scale located on the machine upright, move the motor head to the JOLLY position and tighten the knobs.
(See picture 20) With the locking lever, lower the cutting head until placing the blade some millimetres below the table level.



CAUTION!

BEFORE ANY CUTTING MAKE SURE THAT THE TILE TO BE CUT IS PROPERLY LEANED AGAINST THE TILE-STOPPER.

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

- the cutting length with the cutting adjustment knobs;
- the cutting depth with the locking lever;
- the straight cut measurement with the tile bearing square as well as the ruler placed on the working table.

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 16).



LASER MARKER



CAUTION!

CLASS IIIA 635 nm, < 5 mW LASER INSTRUMENT
By means of the laser marker accessory, the cutting operations can be accelerated.



CAUTION!

THE LASER MARKER STARTS WORKING ONCE THE MACHINE IS CONNECTED TO THE POWER SUPPLY.



CUTTING WITH LASER MARKER

- connect the machine to the power supply;
- position the piece to be cut making sure that the line indicated by the laser marker matches the reference on the material to be cut;
- perform the cutting operation as indicated in the paragraph: "cutting on the table"
(See picture 22).



CAUTION!

DO NOT MODIFY THE MARKER POSITION BY TURNING THE BEAM TOWARDS THE OPERATOR'S EYES.

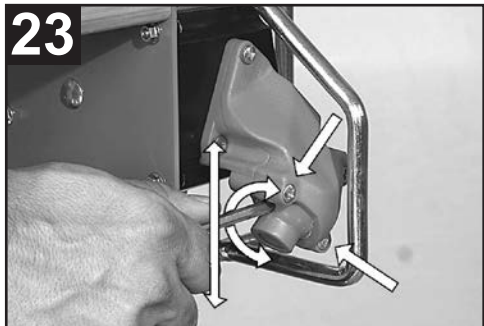
DO NOT GAZE AT THE BEAM WITH THE NAKED EYE OR LOOK DIRECTLY WITH OPTICAL INSTRUMENTS.

ADJUSTMENT OF THE TRACER

In case the marker is not aligned with the cutting line, its correct alignment can be adjusted.

In order to correctly position the marker, proceed as follows:

- Loosen the three bulb locking screws so that it can be moved (See picture 23).



- Position a reference properly on the tool cutting line (See picture 22).
- Insert the 5 mm Allen wrench provided in the hexagonal slot located on the bulb. (See picture 23)
- Using the Allen wrench, turn the bulb until aligning the mark with the tool cutting line. (See picture 22)



CAUTION!

DURING THE ADJUSTMENT OPERATIONS, MAKE SURE THAT THE LINE PRODUCED BY THE MARKER DOES NOT REACH THE OPERATOR'S EYES.



CAUTION!

THE MANUFACTURER DECLINES ANY LIABILITY FOR THE USE OF THE LASER MARKER IN APPLICATIONS OTHER THAN THE INDICATED APPLICATION.

10. Residual Risks

During the design phase, BATTIPAV SRL paid particular attention to the aspects that may generate risks for the safety and health of operators.

In spite of this, there are still some potential risks, which are described below:



CAUTION!

- Danger of presence of electric current:
The machine has an internal electric system.
CONNECT THE MACHINE TO A SYSTEM WITH DIFFERENTIAL PROTECTION AND EFFECTIVE EARTH WIRE.



CAUTION!

- Danger of prolonged exposure to noise:
The continuative use of the machine causes an exposure to noise levels above 85 dB (A).
OPERATORS MUST USE PROPER EAR DEFENDERS.



CAUTION!

- Danger of exposure to fragments of materials.
OPERATORS MUST WEAR PROTECTIVE GOGGLES.



CAUTION!

- Danger of accidental contact with the moving tool.
OPERATORS MUST WEAR HEAVY PROTECTIVE GLOVES

ALWAYS STAY IN THE WORKING POSITION (Pos. 1 picture 15) DURING THE MACHINE OPERATION PHASES:

- During material loading;
- During material cutting;
- During the cutting tool deceleration following the machine stop.

11. Maintenance



CAUTION!

BEFORE PERFORMING ANY OPERATION OR ADJUSTMENT, DISCONNECT THE MACHINE FROM THE SUPPLY MAINS.

CLEANING

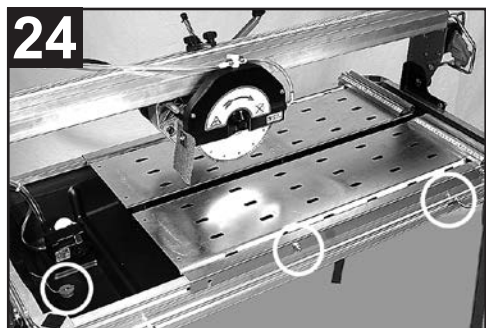


CAUTION!

DO NOT WASH THE MACHINE WITH HIGH PRESSURE WATER JETS

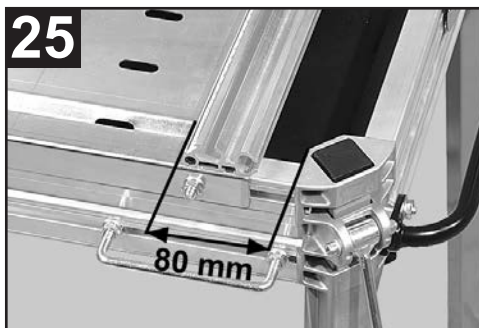
It is extremely easy to clean the CLASS machine by loosening the locking nuts and dismantling the working table.

Through the tap located on the bottom of the recovery tank, remove any working residual from the machine (See picture 24).

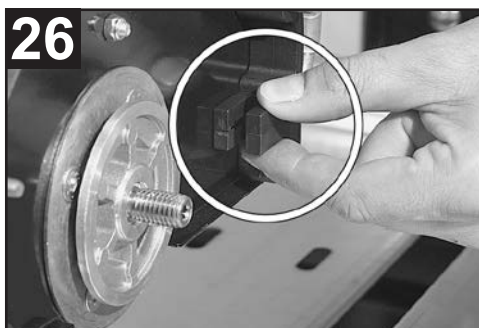


CAUTION!

AFTER THE TANK CLEANING OPERATIONS, PLACE THE WORKING TABLE BACK IN POSITION, OBSERVING THE DISTANCE FROM THE LEG SUPPORT (SEE PICTURE 25).



For a greater efficiency of the patented SPRAY SYSTEM lubrication system, clean it regularly as indicated. (See pictures 26 and 27)

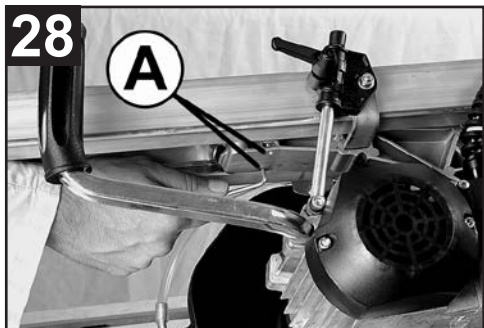


MOTOR CARRIAGE ADJUSTMENT

The motor carriage is provided with two registers for the motor head vertical play adjustment.

For correct adjustment, proceed as follows:

- with a 3 mm Allen wrench, screw both front adjustment dowels (A), until the play is eliminated; (See picture 28)



- repeat the operation for both back adjustment dowels (B) (See picture 29).

**CAUTION!**

TIGHTEN THE FOUR REGISTERS EQUALLY IN ORDER TO OBTAIN SUITABLE SMOOTHNESS.

12. Disposal

In the event of scrapping the entire machine, it must be disposed of in accordance with the methods laid down by current legislation.

**Electric Motor**

Aluminium	AL
Steel	AC
Copper	CU
Polyamide	PA

Main Casing

Steel	AC
Polyamide	PA
Aluminium	AL

Submerged Pump

Polyamide	PA
Steel	AC
Aluminium	AL
Copper	CU
Epoxy Resin	

W.E.E.E. IT0802000002803

The European Directive 2002/96/CE arranges that in the event of scrapping of electrical equipment, they must not be disposed of city solid refusals but collected separately, in order to optimize the level of recovery and recycling of the materials and above all in order to prevent damages to health and environment.

To comply with European Directive 2002/96/CE, all electrical equipments must be marked with crossed basket symbol.

The packing of the machine will be disposed of in accordance with the methods laid down by current legislation.

For further information concerning disposal of electrical equipment, please refer to public administration service.



13. Troubleshooting

HAVE YOUR TOOL REPAIRED BY A QUALIFIED PERSON

This electric tool 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.

<u>Fault</u>	<u>Cause</u>	<u>Remedy</u>
The machine does not work.	The power supply cable is damaged or not properly connected.	Press the plug firmly into the power socket. Check the power supply cable.
	No voltage in the socket.	Have the socket checked.
	Control switch is damaged.	Consult local dealer for replacement.
If lubrication does not arrive at the disk with the pump running.	The sprayer unit is clogged.	Dismantle the sprayer assembled inside the disk 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.	Unplug the power supply cable and consult local dealer.
The machine is cutting out of square.	The tile supports are not at right angles with the cutting disc.	Using a square, adjust the tile supports to 90° in relation to the cutting line of the disc.
	The disc is not suitable for the type of material to be cut.	Replace the disc with a more suitable one.
The laser marker does not work.	The laser unit is damaged.	Contact your local dealer for a replacement.
	The marker feeder is damaged.	Contact your local dealer for a replacement.