



# **CHAINSAW CHAIN SHARPENER WITH LED LIGHT**

## **USER MANUAL**

[Revision 2.0 May 2018]

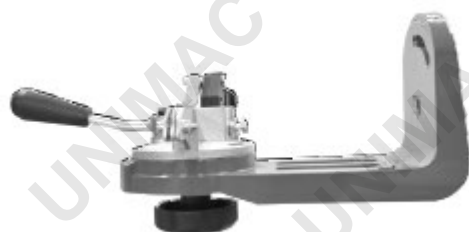
**RETAIN THIS MANUAL FOR FUTURE REFERENCE**

**PLEASE READ THIS MANUAL CAREFULLY BEFORE USE**

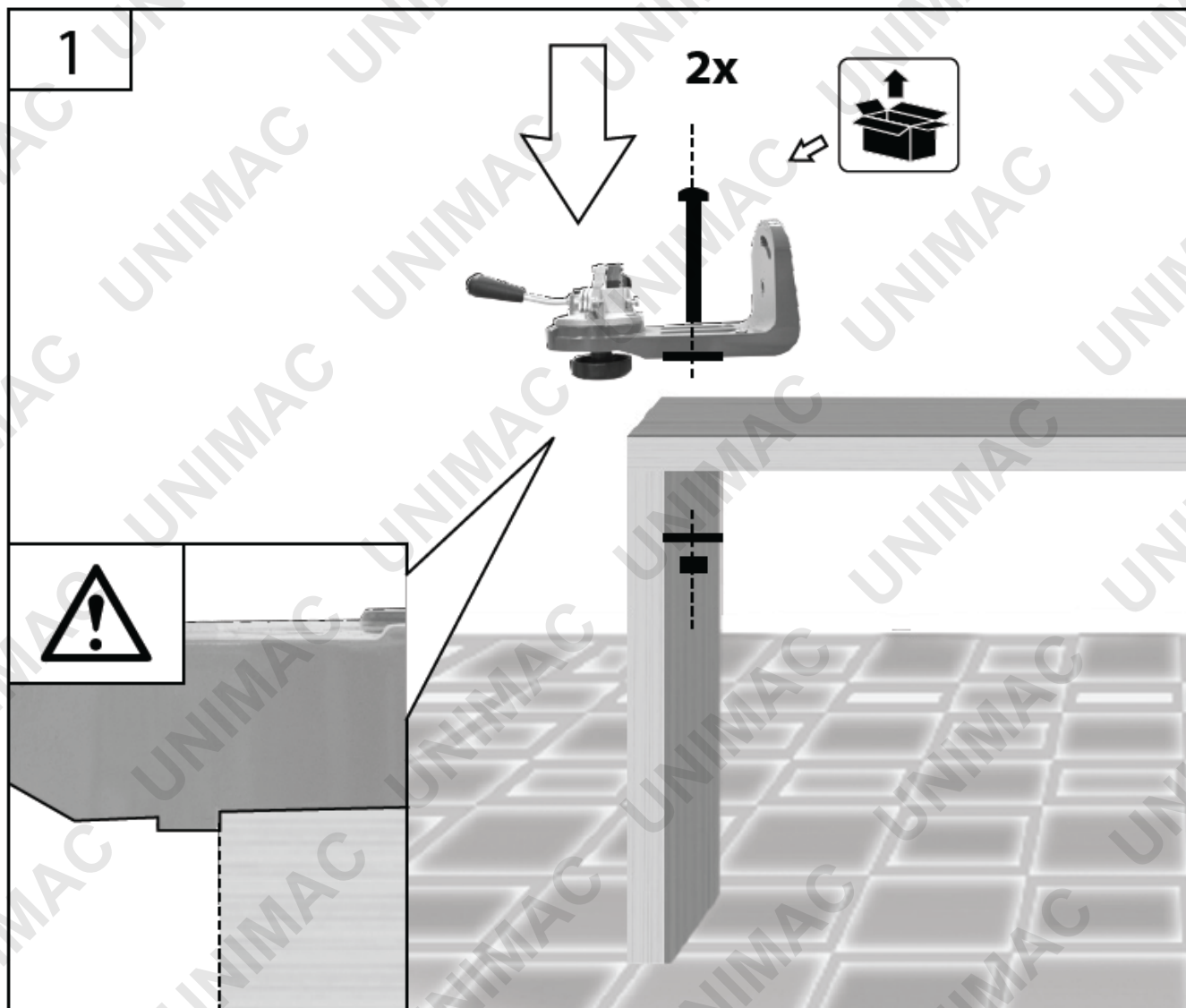
# TABLE OF CONTENTS

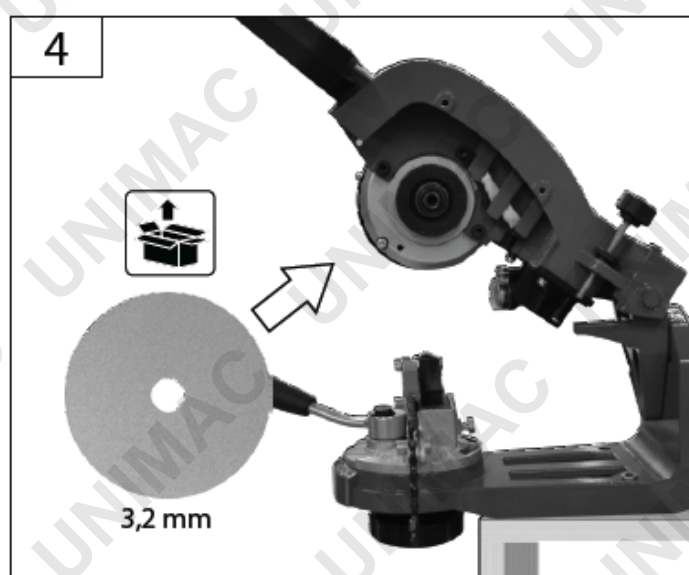
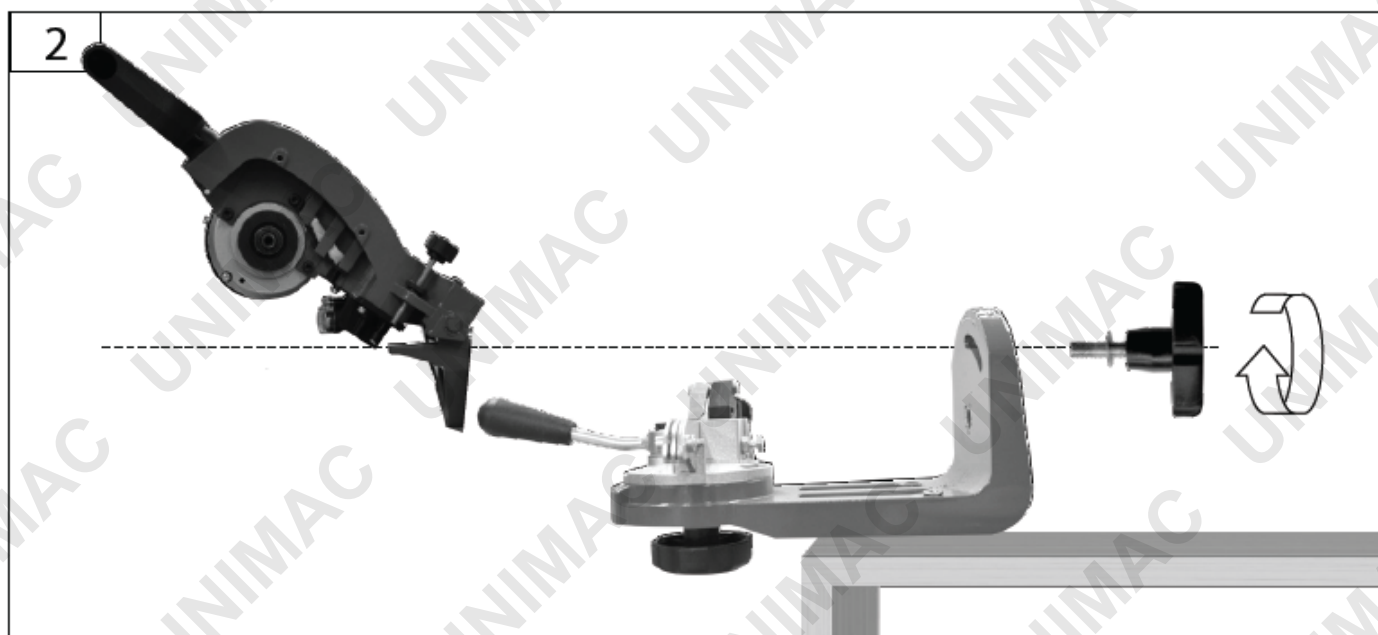
<b>WHAT'S IN THE BOX</b> .....	<b>1</b>
<b>ASSEMBLY</b> .....	<b>2</b>
<b>STARTING UP THE MACHINE</b> .....	<b>5</b>
<b>OPERATION</b> .....	<b>7</b>
<b>GRINDING DEPTH DELIMITER</b> .....	<b>9</b>
<b>SPECIFICATIONS</b> .....	<b>11</b>
<b>SPECIFIED CONDITIONS OF USE</b> .....	<b>12</b>
<b>REQUIREMENTS FOR OPERATING</b> .....	<b>12</b>
<b>GENERAL POWER TOOL SAFETY WARNINGS</b> .....	<b>12</b>
<b>SAFETY INSTRUCTIONS FOR THE SAW CHAIN SHARPENER</b> .....	<b>14</b>
<b>EMERGENCY PROCEDURES</b> .....	<b>14</b>
<b>MAINTENANCE</b> .....	<b>15</b>
<b>DISPOSAL INSTRUCTIONS</b> .....	<b>15</b>
<b>SYMBOLS</b> .....	<b>15</b>

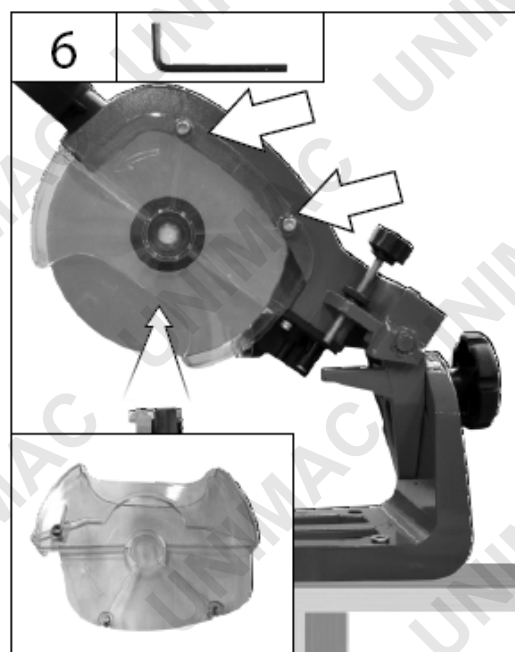
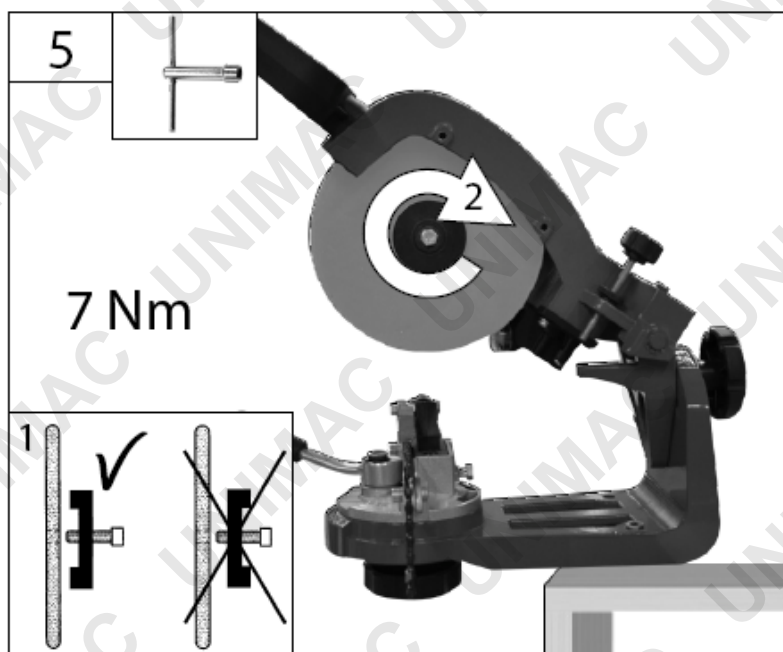
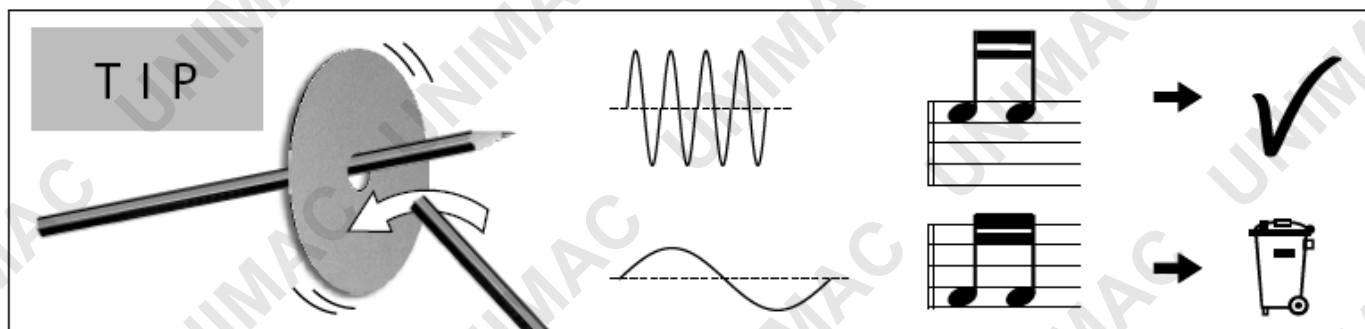
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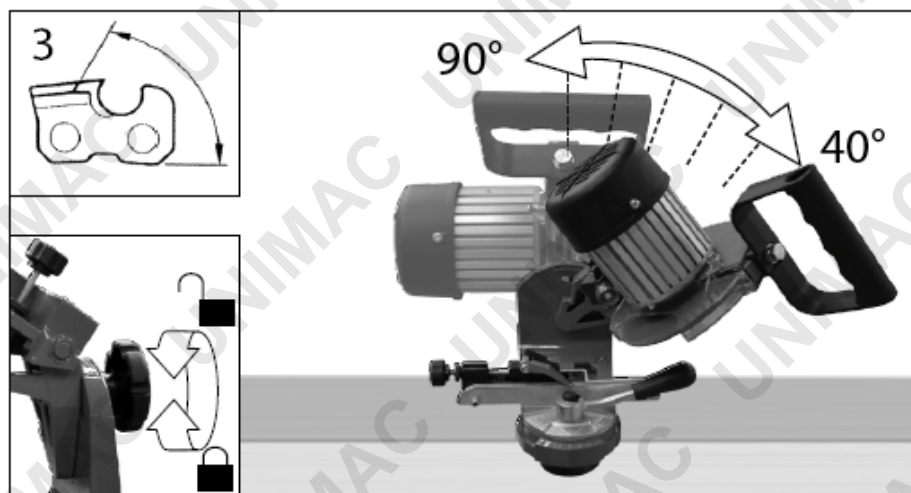
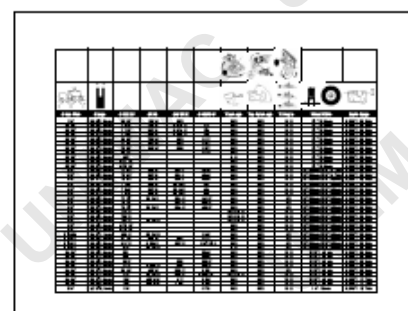
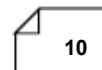
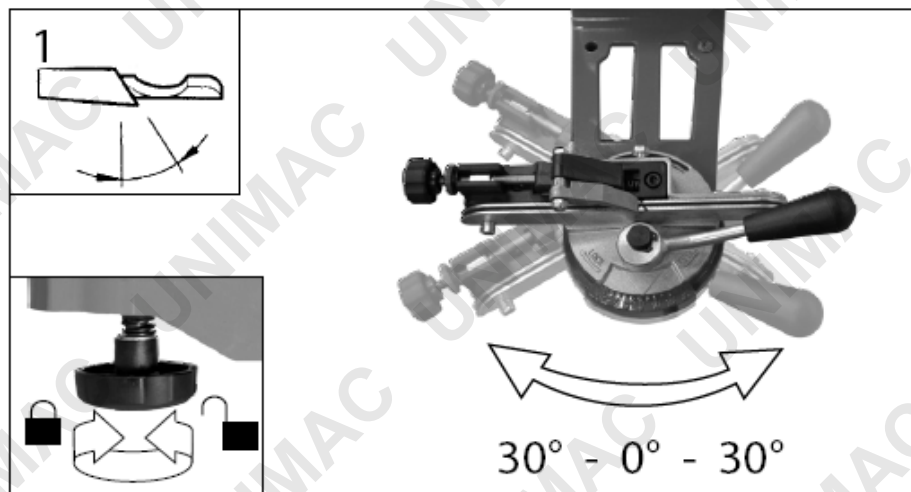
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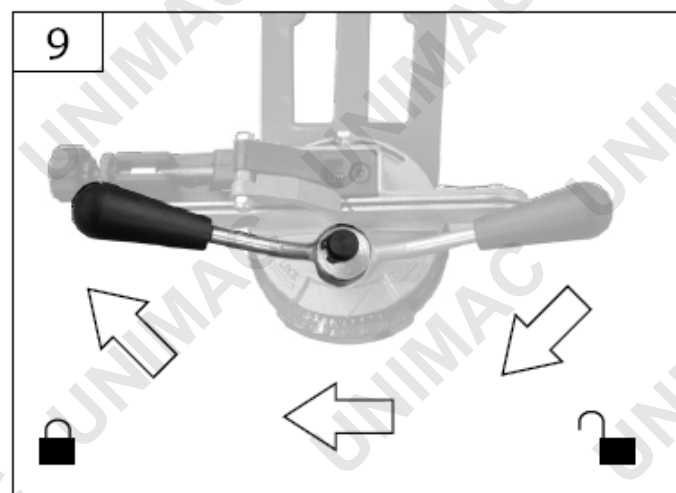
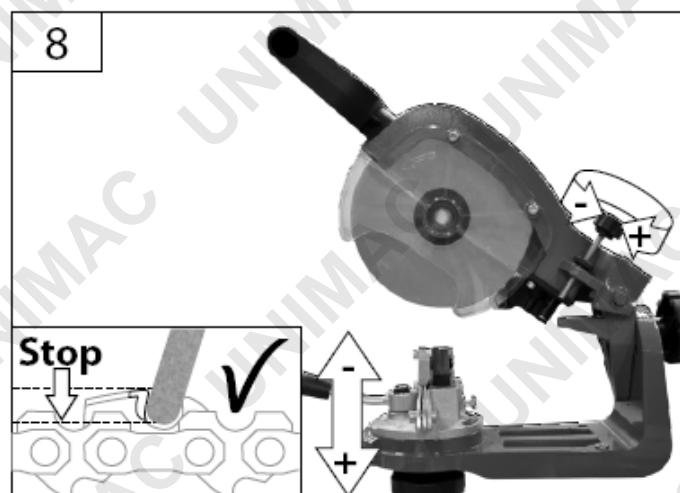
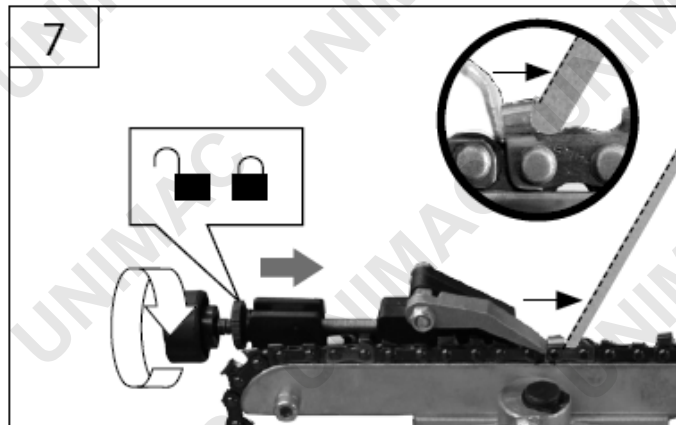
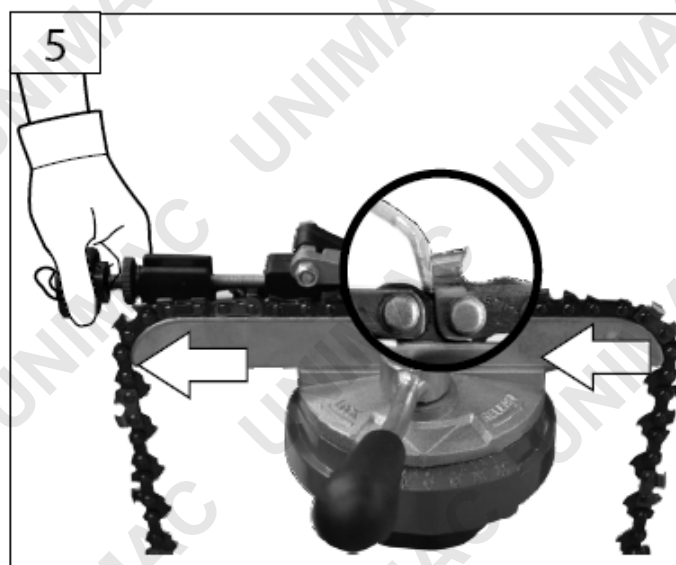




# STARTING UP THE MACHINE









# OPERATION



## 1 START



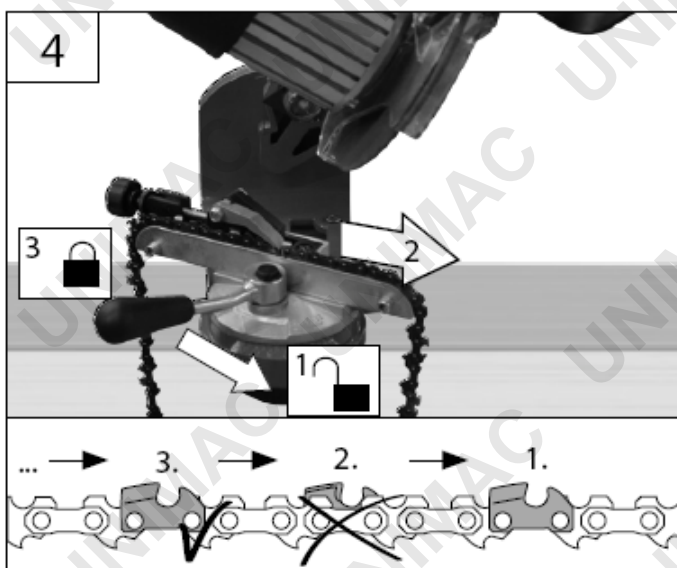
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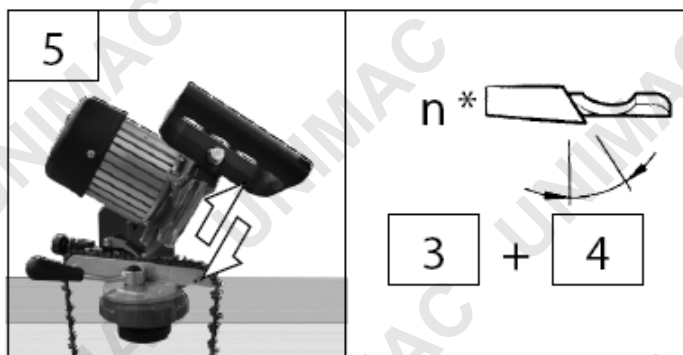
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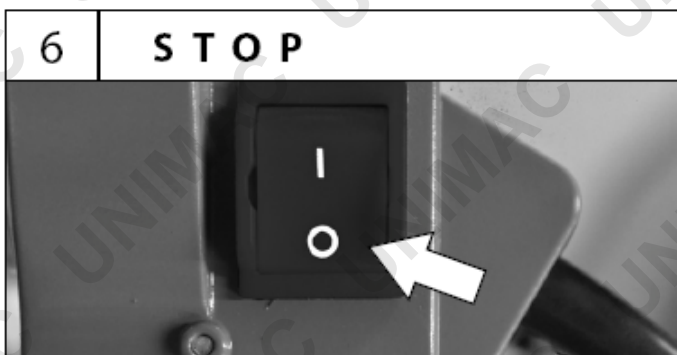


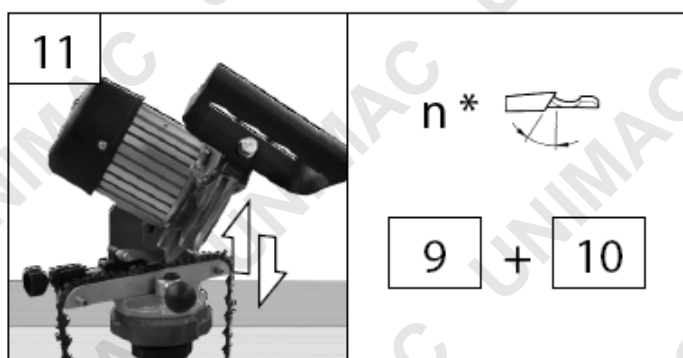
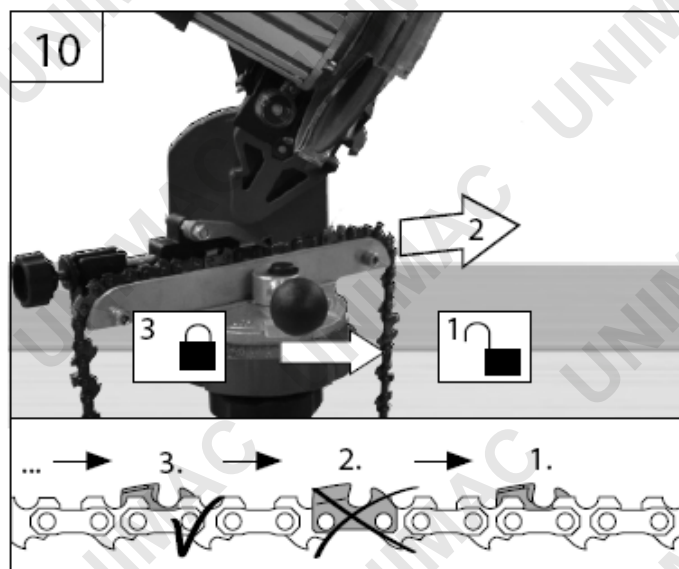
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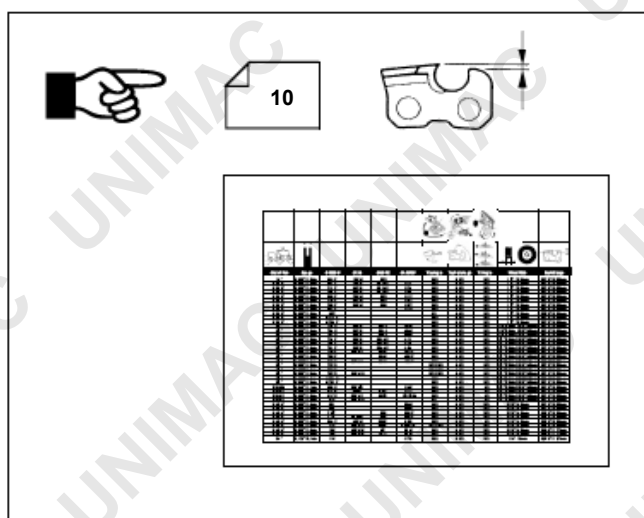
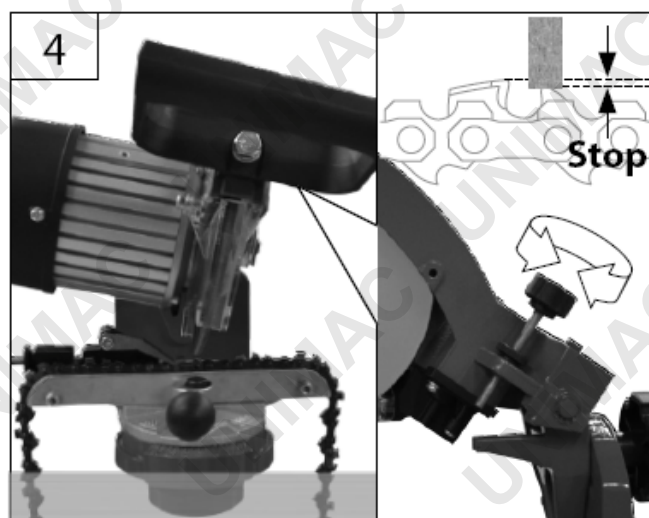
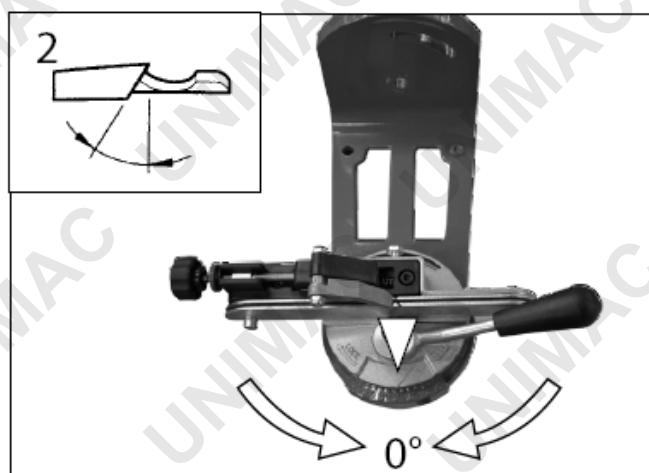
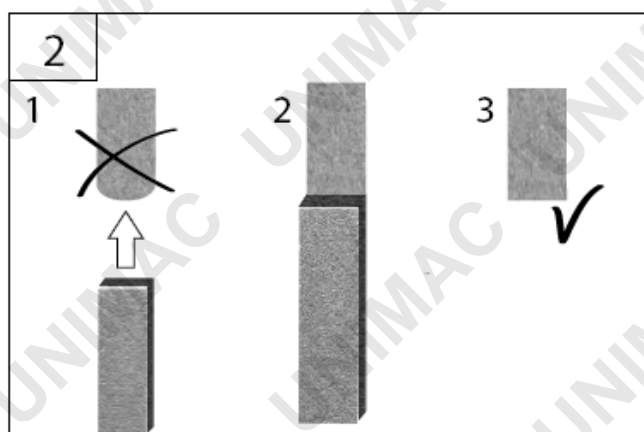
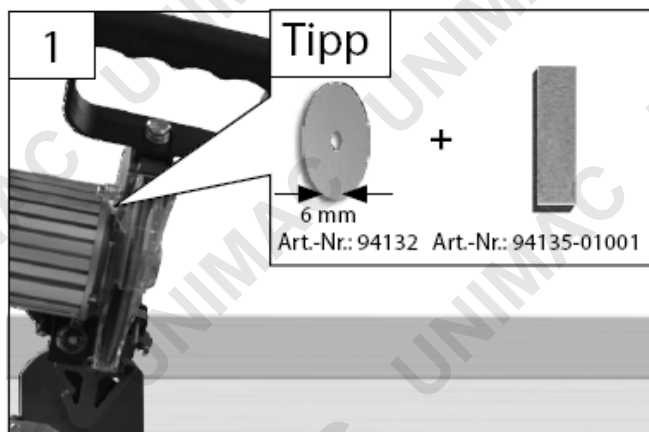
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## STOP





# GRINDING DEPTH DELIMITER





Chain Pitch	Gauge	OREGON	STIHL	SANDVIK	CARLTON	Vise Angle	Top Plate Angle	Wheel Width	Depth Gauge
1/4"	0,050"/1,3mm	25AP	13RM	50□		30□	60□	1/8" / 3,2mm	0,025" / 0,63mm
0,325"	0,050"/1,3mm	20LP	23RS	50□LG	□1L	25□	60□	1/8" / 3,2mm	0,025" / 0,63mm
0,325"	0,058"/1,5mm	21LP	25RS	58□LG	□2L	25□	60□	1/8" / 3,2mm	0,025" / 0,63mm
0,325"	0,063"/1,6mm	22LP	26RS	63□LG	□3L	25□	60□	1/8" / 3,2mm	0,025" / 0,63mm
0,325"	0,050"/1,3mm	20BP	23RM	50□	□1C	30□	60□	1/8" / 3,2mm	0,025" / 0,63mm
0,325"	0,058"/1,5mm	21BP	25RM	58□	□2C	30□	60□	1/8" / 3,2mm	0,025" / 0,63mm
0,325"	0,063"/1,6mm	22BP	26RM	63□	□3C	30□	60□	1/8" / 3,2mm	0,025" / 0,63mm
0,325"	0,050"/1,3mm	95VP			□1□	30□	60□	1/8" / 3,2mm	0,025" / 0,63mm
0,325"	0,050"/1,3mm	95R				5□	50□	1/8" / 3,2mm	0,030" / 0,76mm
0,325"	0,058"/1,5mm	M21LP				25□	60□	1/8" / 3,2mm	0,025" / 0,63mm
0,325"	0,063"/1,6mm	M22LP				25□	60□	1/8" / 3,2mm	0,025" / 0,63mm
3/8"	0,050"/1,3mm	72LG	33RS	50AL	A1LM	25□	60□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8"	0,058"/1,5mm	73LG	35RS	58AL	A2LM	25□	60□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8"	0,063"/1,6mm	75LG	36RS	63AL	A3LM	25□	60□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8"	0,050"/1,3mm	72LP	33RS	50ALG	A1L	25□	60□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8"	0,058"/1,5mm	73LP	35RS	58ALG	A2L	25□	60□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8"	0,063"/1,6mm	75LP	36RS	63ALG	A3L	25□	60□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8"	0,050"/1,3mm	72DP	33RM1	50AG	A1□P	35□	60□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8"	0,058"/1,5mm	73DP		58AG	A2□P	35□	60□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8"	0,063"/1,6mm	75DP	36RM1	63AG	A3□P	35□	60□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8"	0,050"/1,3mm	72RD				10□□15□	50□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8"	0,058"/1,5mm	73RD				10□□15□	50□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8"	0,063"/1,6mm	75RD	36RM□			10□□15□	50□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8"	0,058"/1,5mm	M73LP				25□	60□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8"	0,063"/1,6mm	M75LP				25□	60□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8(90)	0,043"/1,1mm	90SG	63PM□		□4C	30□	50□	1/8" / 3,2mm □3/16" / 4,7mm	0,020" / 0,50mm
3/8(91)	0,050"/1,3mm	91VS	63PM	50R	□1C	30□	60□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8(91)	0,050"/1,3mm	91VG	63PM1	50RG	□□C□BL	30□	60□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
3/8(91)	0,050"/1,3mm	91R	63PM□			5□	60□	1/8" / 3,2mm □3/16" / 4,7mm	0,025" / 0,63mm
0,404"	0,058"/1,5mm	58L			B2LM	25□	60□	3/16" / 4,7mm	0,025" / 0,63mm
0,404"	0,063"/1,6mm	59L			B3LM	25□	60□	3/16" / 4,7mm	0,025" / 0,63mm
0,404"	0,058"/1,5mm	26/P		58B	B2□P	35□	60□	3/16" / 4,7mm	0,030" / 0,76mm
0,404"	0,063"/1,6mm	27/P	46RS□	63B	B3□P	35□	60□	3/16" / 4,7mm	0,030" / 0,76mm
0,404"	0,063"/1,6mm	59AC	46RM	63BC	B3S	35□	60□	3/16" / 4,7mm	0,030" / 0,76mm
0,404"	0,063"/1,6mm	27R	46RM□	63BR	B3RM10	10□□15□	50□	3/16" / 4,7mm	0,030" / 0,76mm
0,404"	0,063"/1,6mm	16H	46RMH	HC	B3M	35□	60□	3/16" / 4,7mm	0,050" / 1,27mm
0,404"	0,080"/2,0mm	18H	49RMH	2HC	B5M	35□	60□	3/16" / 4,7mm	0,050" / 1,27mm
3/4"	0,122"/3,1mm	11H			G7S	35□	60□	1/4" / 6mm	0,070" / 1,77mm

## SPECIFICATIONS

Operating Voltage	220-240V
Rated Power	230W
Max Power Output	350W
Main Voltage	240V
Maximum Motor RPM	3000RPM
Light Type	LED
Maximum working angle	+/- 30° Adjustable
Grinding Disc Size	145 x 3.2 x 22.2mm Arbor
Approvals	CE, GS, C-TICK, EMC

*Note: Minimal Assembly required*

## SPECIFIED CONDITIONS OF USE

This machine is only determined for sharpening saw chains. Before commissioning, the device must be fixed to a workbench or another similar surface. Use the chainsaw sharpener only if you fully appreciate all the functions and perform without restrictions or have received appropriate instructions. Respecting technical data and safety precautions.

Do not use this product in any other way as stated for normal use. Not observing general regulations in force and instructions from this manual does not make the manufacturer liable for damages.

Please be sure to know that our appliances have not been designed for industrial use.

## REQUIREMENTS FOR OPERATING

Those who will be operating the chainsaw chain sharpener must carefully read the Operating Instructions before using the appliance.

**Qualification** Apart from the detailed instructions by a professional, no special qualification is necessary for using the tool.

**Minimum age:** Persons over 18 years of age can only work on the appliance. An exception includes youngsters trained in order to reach knowledge under supervision of the trainer during occupational education.

**Training:** Using the appliance only requires corresponding training by a professional or the Operating Instructions. No special training is necessary.

The operator is responsible for accidents or risks to third parties.

Be observant to keep out of dangerous zone.

## GENERAL POWER TOOL SAFETY WARNINGS



### WARNING!

**Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

**Save all warnings and instructions for future reference.**

The term "power tool" in the warnings refers to your mains-operated (cord power tool or battery-operated cordless) power tool.

#### 1. Work area safety

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



## 2. Electrical safety

*Operation is only allowed with a safety switch against stray current (RCD max. stray current of 30mA).*

- a. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (ground-power) tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- b. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- c. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d. **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 shock.
- e. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

## 3. Personal safety

- a. **Stay 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.
- b. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- d. **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.
- e. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f. **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.
- g. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

## 4. Power tool use and care

- a. **Do not force the power tool. Use the correct power tool for your application.** Do not use the power tool if the switch does not turn it on and off.
- b. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d. **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.
- e. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- f. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

- g. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

## 5. Service

- a. **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 INSTRUCTIONS FOR THE SAW CHAIN SHARPENER

- Wear ear protectors. Exposure to noise can cause hearing loss.
- Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and shop apron capable of stopping small abrasive or workpiece fragments.
- Do not use damaged wheels. Before each use, inspect the wheels for chips and cracks. If power tool or wheel is dropped, inspect for damage or install an undamaged wheel. After inspecting and installing the wheel, position yourself and bystanders away from the plane of the rotating wheel and run the power tool at maximum no load speed for one minute. Damaged wheels will normally break apart during this test time.
- Transport and store the tools in a suitable container.
- Always use the protective shields on the machine. Do not remove the transparent front guard. If the transparent front guard is damaged or missing, return tool to authorised service station for replacement.
- Do not use sawblades.
- The adjusting nut must be tightened before starting to work with the machine.
- Immediately switch off the machine in case of considerable vibrations or if other malfunctions occur.
- Check the machine in order to find out the cause.
- Before use check machine, cable, and plug for any damages or material fatigue. Repairs should only be carried out by authorised Service Agents.
- Sawdust and splinters must not be removed while the machine is running.

## EMERGENCY PROCEDURES

Conduct a first-aid procedure adequate to the injury and summon qualified medical attendance as quickly as possible. Protect the injured person from further harm and calm them down. For the sake of eventual accident, a workplace has to be fitted with a first-aid kit. It is essential to replace any used material in the first-aid kit immediately after it has been used.

If you seek help, state the following pieces of information:

- Accident site
- Accident type
- Number of injured persons
- Injury type(s)

# MAINTENANCE

Before carrying out any work on the machine, disconnect the plug from the socket.

- Prior to every use, visually check the machine to rule out any defects, in particular on the power cable and the plug.
- The machine must not be used under any circumstances if the machine or the safety devices are damaged.
- Use only original accessories and original spare parts.
- Regularly clean the power tool's air vents. The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.
- Only a regularly maintained and treated appliance can serve as a satisfactory aid. Insufficient maintenance and care can lead to unforeseen accidents and injuries.

# DISPOSAL INSTRUCTIONS

The disposal instructions are based on the icons placed on the appliance or on the package. Description of the respective meanings can be found in the section "Symbols".

## Transport package disposal

The package protects the appliance against damage during transport. Packing materials are usually chosen depending on their environmental friendliness and disposal method and can therefore be recycled.

Returning the package to material circulation saves raw materials and reduces waste disposal costs. Parts of packages (e.g. foils, styropor®) can be dangerous to children. Risk of suffocation! Keep parts of packages away from children and dispose them as soon as possible.

# SYMBOLS

	Caution!		Protect against humidity Never expose tool to rain.
	Read the Operating Instructions!		Warning against rotating parts
	Before carrying out any work on the machine, disconnect the plug from the socket.		Keep distance of persons Observe to keep out of dangerous zone
	Wear eye protective goggles! Wear ear protectors!		Warning against thrown-off items
	Wear protective gloves!		Any damaged or disposed electric or electronic devices must be delivered to appropriate collection centres.
	Do not touch the rotating tool.		Protect against humidity
	Cable pulling / transport prohibited		This side up



**Some experts believe the incorrect or prolonged use of almost any product could cause serious injury or death. For information that may reduce your risk of serious injury or death consult the points below and additionally, the information available at [www.datastreamserver.com/safety](http://www.datastreamserver.com/safety)**

- Consult all documentation, packaging and product labelling before use. Note that some products feature online documentation which should be printed and kept with the product.
- Check product for loose / broken / damaged / missing parts, wear or leaks (if applicable) before each use. Never use a product with loose / broken / damaged / missing parts, wear or leaks (if applicable).
- Products must be inspected and serviced (if applicable) by a qualified specialist every 6 months assuming average residential use by a person of average weight and strength, above average technical aptitude, on a property matching average metropolitan specification. Intended use outside these guidelines could indicate the product is not suitable for intended use or may require more regular inspection or servicing.
- Ensure all possible users of the product have completed an industry recognised training course before being given access to the product.

- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or your description of the application. Be sure to attain third party approval for your application from a qualified specialist before use regardless of prior assurances by the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (take an automobile, aircraft, computer or ball point pen for example) there is always a small chance of a technical issue that needs to be repaired or may require replacement of the product or a part. If the possibility of such failure and the associated time it takes to rectify could in any situation inconvenience the user, business or employee or could financially affect the user, business or employee then the product is not suitable for your requirements. This product is not for use where incorrect operation or a failure of any kind, including but not limited to a condition requiring product return, replacement, service by a technician or replacement of parts could cause a financial loss, loss of employee time or an inconvenience requiring compensation.
- If this item has been purchased in error considering the points above simply contact the retailer directly for details of their returns policies if required.

