

Keep this manual for future reference

Translation of the original instructions



BLUEBIRD INDUSTRIES

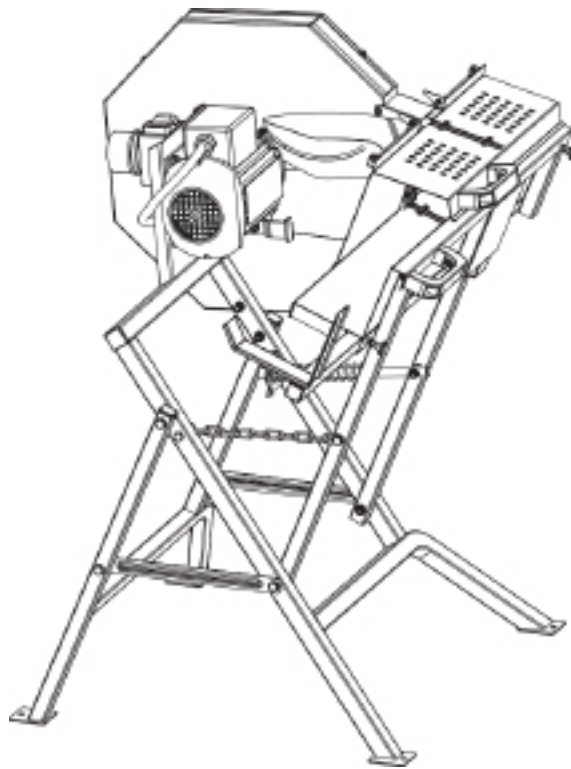


Table Saw Operator's manual

MODEL: Table Saw 140 mm

SERIAL NUMBER:

Both the model and the serial number can be found on the label.

You should record both in a safe place for future use.

**FOR YOUR SAFETY
READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE
USING THE MACHINE**

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INTRODUCTION

The new table saw will meet your expectations. It has been manufactured according to strict quality standards to meet superior performance criteria. You will find it easy and safe to use and, with proper care, it will give you many years of reliable service.



Carefully read the entire manual of the operator before using the machine. Pay particular attention to the precautions and warnings.

APPLICATION CONDITIONS

The table saw is designed to operate at ambient temperatures between +5°C and 40°C and for installation at altitudes not exceeding 1000m. The surrounding humidity should be below 50% at 40°C. It can be stored or transported at ambient temperatures between -25°C and 55°C.

Technical specifications

Model	TABLE SAW 140mm	
Engine	230VAC 50Hz	
Power	2200W S2 15min*	
Short-circuit current	1 kA	
Protection category	IP 54	
Blade size	Ø 405 × Ø 30 mm	
Number of teeth	32	
Capacity cutting	Diameter	140 mm
	Length	300-1000 mm
Blade speed	2800 / min	
Weight	36.3 kg	

Sound pressure level (LpA)	101 db(A) k=4 db(A)
Sound power level (LwA)	115 db(A) k=4 db(A)

*** S2 15 minutes, reduced duty cycle. After continuous operation for 15 minutes, the drill stops until the temperature deviates by less than 2 K (2 °C) from the ambient temperature.**

The figures quoted are emission levels and are not necessarily safe working levels. Although there is a correlation between emission and exposure levels, this cannot be reliably used to determine whether further precautions are necessary. The factors that influence the actual exposure level of the workforce include the characteristics of the workplace, other sources of noise, etc., i.e., the number of machines and other adjacent processes. The permitted exposure level may also vary from country to country. This information, however, will allow the machine user to make a better assessment of hazard and risk.

Electrical requirements

Connect the main cables to a standard 220V~240V (49Hz~51Hz) power supply that has undervoltage, overvoltage, overcurrent protection devices and a residual current device (RCD) with a maximum residual nominal current of 0.03 A.

RECYCLING AND DISPOSAL



This marking indicates that this product must not be disposed of with other household waste. To prevent possible damage to the environment or human health resulting from uncontrolled waste disposal, recycle them responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or check with your local authority or local stores for environmental safety and recycling advice.

SYMBOLS

The label on your machine may display symbols. These represent important product information or instructions for its use.



Read these operating instructions carefully.

Warning! Wear ear protection. The impact of noise can cause hearing damage.



Warning! Wear safety glasses. Sparks generated during work or splinters, chips, and dust emitted by the device can cause loss of vision.



Wear protective gloves.



Wear safety footwear.



Wear protective clothing.



Warning! Wear a respiratory mask.

Harmful dusts for health may be generated during work on wood and other materials. Never use the device to work on any material containing asbestos!



It is forbidden to remove or tamper with protective devices and safety devices.



Warning! Risk of injury! Keep hands away from the blade.



Disconnect the power plug before repairing, cleaning, or maintaining the machine!



Keep children and bystanders away.

SAFETY

Understand your table saw

Read and understand the user manual and the labels affixed to the machine. Learn its application and its limitations, as well as the specific potential hazards peculiar to it.

Drugs, alcohol, and medication

Do not use the table saw while under the influence of drugs, alcohol, or any medication that could affect your ability to use it properly.

Avoid dangerous conditions

Always use the table saw on dry, solid, and level ground. Never use the machine on slippery, wet, muddy, or icy surfaces. The chosen location must be free of any tall grass, brush, or other obstructions. There should be plenty of space for handling and to help the operator remain alert. Keep your work area clean and well lit. Cluttered areas invite injuries. To avoid tripping, do not leave tools, logs, or other components scattered around the work area. Do not use the machine in wet or damp areas or expose it to rain. Do not use it in areas where paint fumes, solvents, or flammable liquids pose a potential hazard.

Inspect your table saw

Check the table saw before turning it on. Keep guards in place and functioning. Use properly sharpened blades. Ensure that only blades made in accordance with EN847-1:2005 are used on the machine. Get into the habit of checking that wrenches and adjustment keys are removed from the tool area before turning it on. Replace damaged, missing, or faulty parts before using it. Make sure all nuts, bolts, screws, etc. are securely tightened. Never use the machine when it needs repairs or is in inadequate mechanical condition.

Dress appropriately

Do not wear loose clothing, gloves, ties, or jewelry (rings, wristwatches). They can be caught in moving parts. Electrically non-conductive protective gloves and non-slip footwear are recommended during work. Wear a protective hair covering to contain long hair, preventing it from getting caught in machinery.

Protect your eyes and face

Any table saw can throw foreign objects into your eyes. This can cause permanent eye damage. Always wear safety glasses. Ordinary glasses only have impact-resistant lenses. They are not safety glasses. Also use a face or dust mask if the cutting operation is dusty.

Extension cords

Improper use of extension cords can cause inefficient operation of the table saw, which can lead to overheating. Make sure the extension cord is no longer than 10 m and that its cross-section is not less than 2.5 mm² to allow sufficient current flow to the motor. Avoid using loose and inadequately insulated connections. Connections must be made with protected material suitable for outdoor use.

Avoid direct and indirect electric shocks

Check that the electrical circuit is adequately protected and matches the power, voltage, and frequency of the motor. Check that there is a ground connection and an upstream residual current circuit breaker. Secure the table saw. Avoid body contact with grounded surfaces: pipes, radiators, ranges, and refrigerator enclosures. Never open the switch or the plug box. If necessary, contact a qualified electrician. Make sure your fingers do not touch the metal prongs of the plug when connecting or disconnecting the machine.

Keep bystanders away

Allow only one person to load and operate the table saw. Always keep bystanders, including visitors, children, and pets, away from the work area, especially when the machine is operating. Only the operator should be near the machine and only within the safe operating area prescribed in this manual. Never use another person to help you clear a jammed log. No one under the age of 16 should be allowed to use the table saw. Any individual under the age of 18 should have the necessary training, the skills to perform the functions correctly and safely, and should always be under adult supervision.

Inspect the log

Never attempt to cut logs containing nails, wire, or debris. Branches must be cut flush with the log.

Do not overreach

Always maintain proper footing and balance. Never climb onto the table saw. Serious injuries may occur if the tool is tipped over or if you come into contact with the cutting tools unintentionally. Do not store anything on or near the table saw where someone might climb on the tool to reach them.

Avoid injury from unexpected accidents

Do not attempt to load or unload logs until the saw has stopped. Refrain from removing any cut piece or other part of the workpiece from the cutting area while the machine is running, except by using a stick. Keep hands away from all moving parts. Never use a blade that is damaged or has been dropped. Do not reach for the blade with both hands while the cutter is running. Do not stand or have any part of your body in line with the path of the blade. Avoid awkward cutting operations and hand positions where a sudden slip could cause your hand to move

into the blade. Never split logs in a way that makes you reach toward the machine. Use only your hands to operate the control handle. Never use your foot, knee, or any other part of your body. Never attempt to free a jammed blade without first turning off the machine.

Do not force the tool

It will do a better and safer job at its designed pace. Do not use the saw for a purpose for which it is not intended. Do not alter the table saw under any circumstances. This equipment has been designed to be used in accordance with the operating instructions. Modifying the equipment or using it in a way that bypasses its design capabilities could cause serious or fatal injuries and void the warranty. Never attempt to cut logs larger than those specified in the specifications table. This could be dangerous and could damage the machine.

Never leave the tool running unattended

Do not leave the tool until it has come to a complete stop.

Disconnect the power supply

Disconnect when not in use, before making adjustments, changing parts, or cleaning the table saw. Consult the technical manual before maintenance.

Maintain the table saw with care

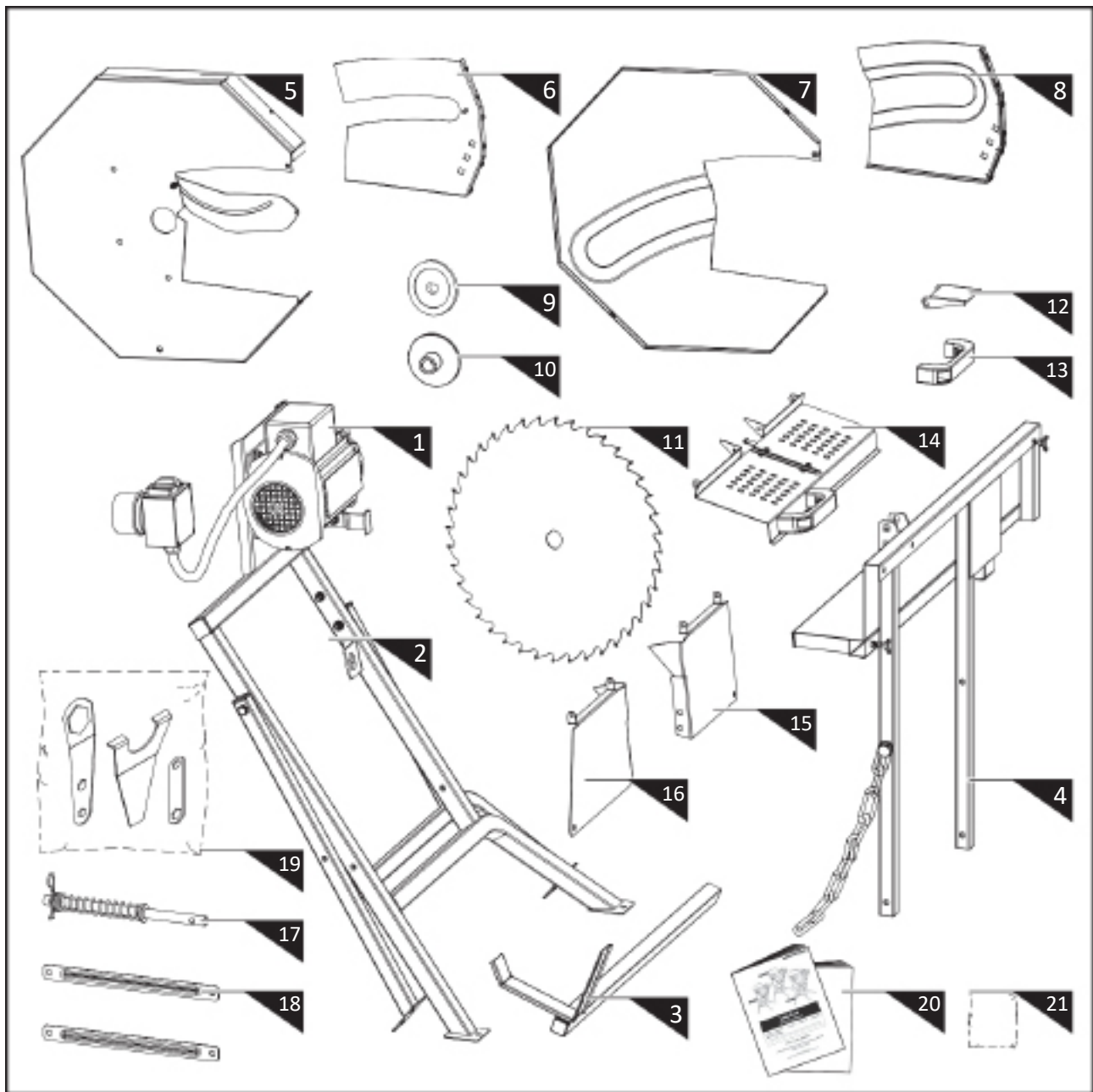
Always clean the unit after each use. Keep the machine clean for better and safer performance. Follow the lubrication instructions. The control handles and power switch must be kept clean, dry, and free of oil and grease at all times.

Make the shop childproof

Lock the shop. Keep the table saw away from children and others not qualified to use it.

PROVIDED CONTENTS

The table saw is partially assembled and shipped in a carefully packed box. After all parts have been removed from the box, you should have:



1. Motor

2. Frame

3. Log carriage extension

4. Log carriage

5. Inner blade cover

6. Blade guard 2

7. Outer blade cover

8. Blade guard 1

9. Front blade flange

10. Rear blade flange

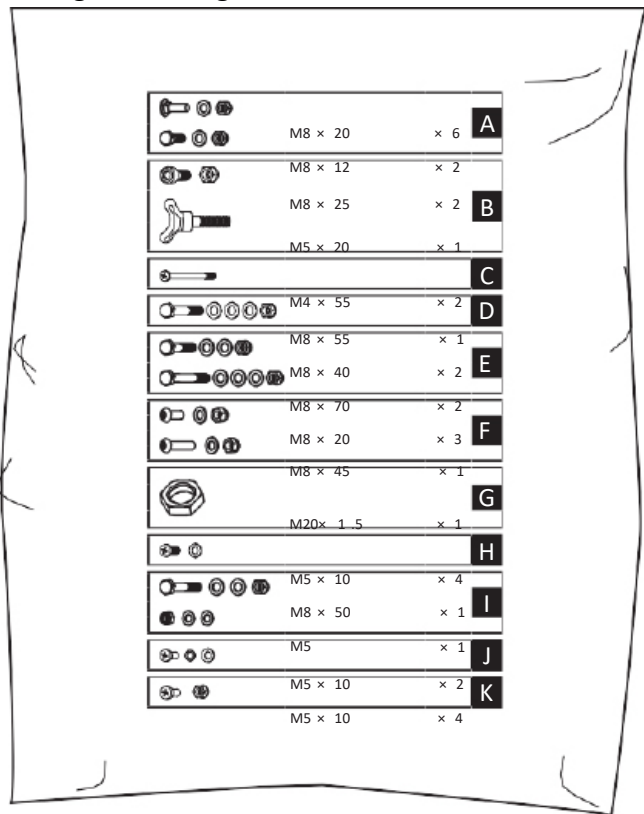
11. Blade

12. Limiting plate

13. Handle

14. Upper guard

15. Rear plate 1
16. Rear plate 2
17. Guide tube with return spring
18. Side plates (× 2)
19. Wrenches
20. Operator's manual
21. Bag containing:



ASSEMBLY

This table saw has been partially assembled at the factory. To assemble your machine, follow the instructions below.

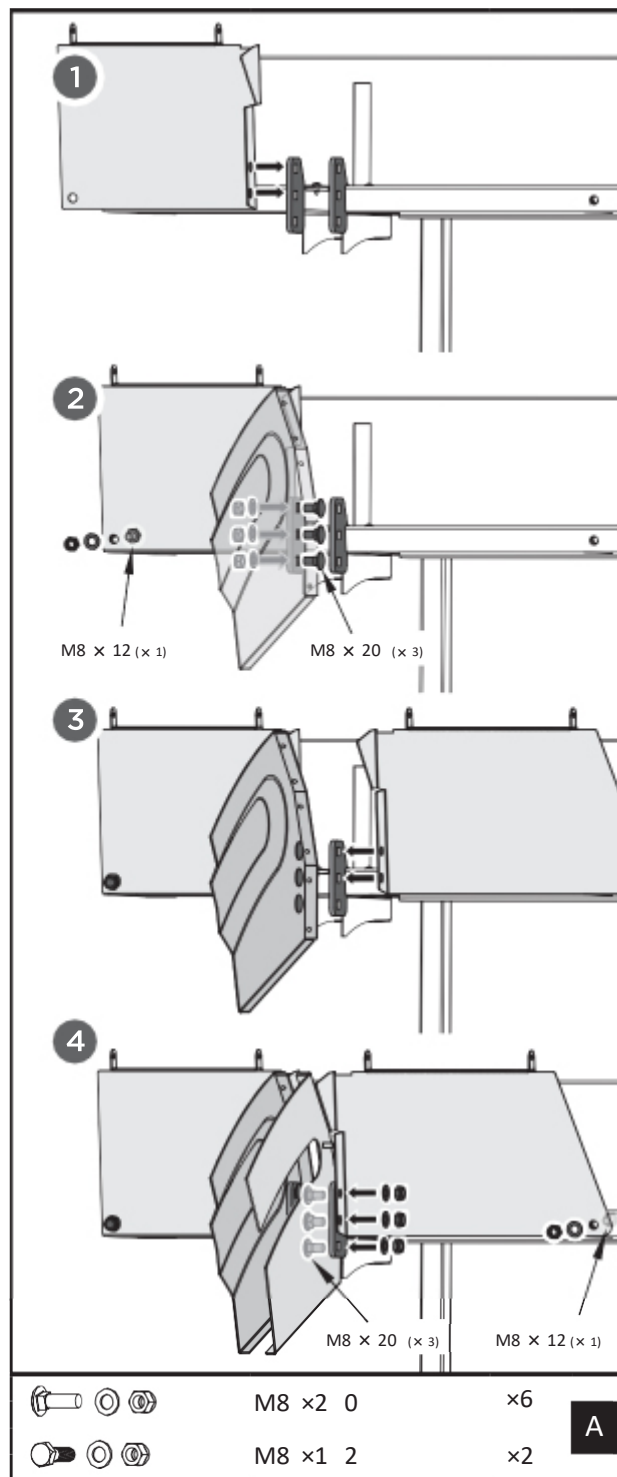
Blade guards

Place the rear plate 1 against the outside of the connecting part at the log carriage and align its two holes with the two upper holes of the connecting part as shown in fig. A, illustration 1.

Fasten the rear plate 1 to the table with an M8×12 bolt, flat washer, and nut as in Fig. A, illustration 2.

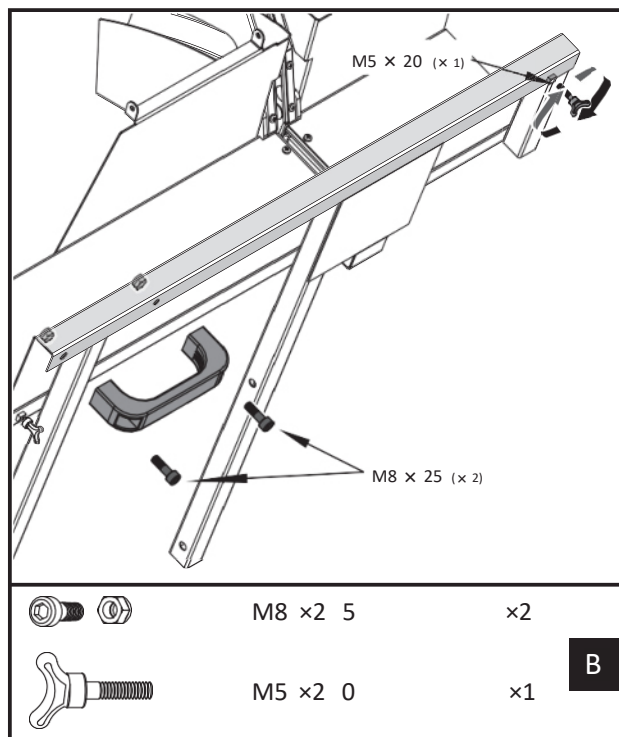
Place blade guard 1 against the inner side of the same connecting part, align the holes, and bolt blade guard 1, connecting the part and rear plate 1 together with three M8×20 bolts, washers, and nuts.

Repeat the same assembly steps on the other side for rear plate 2 and blade guard 2, as shown in Fig. A, illustrations 3 and 4.



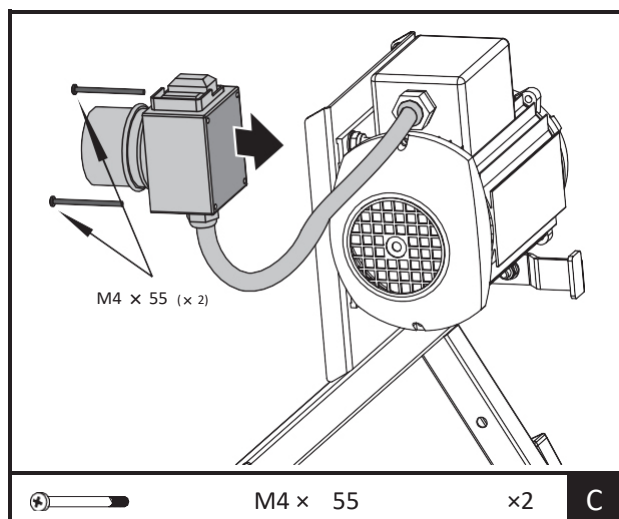
Handle

Attach the handle to the back of the log carriage. Secure it with two M8×25 bolts and lock nuts as in Fig. B. Screw the M5×20 bolt into the hole in the top right corner.



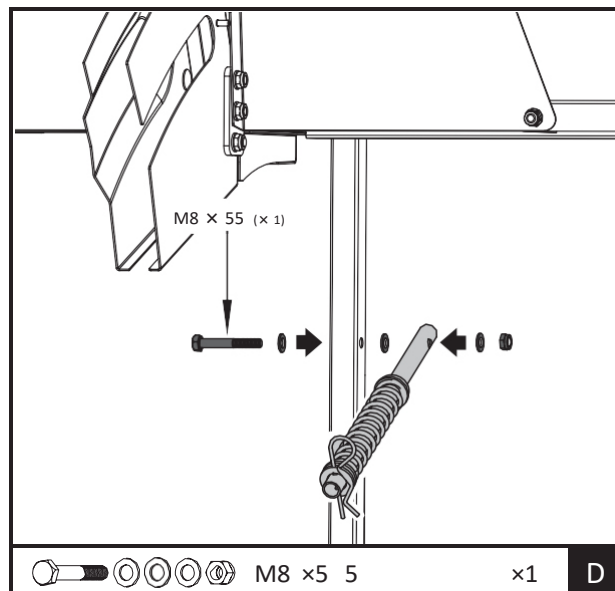
ON/OFF switch

Attach the switch to the motor plate with M4×55 bolts as in Fig. C.



Return spring

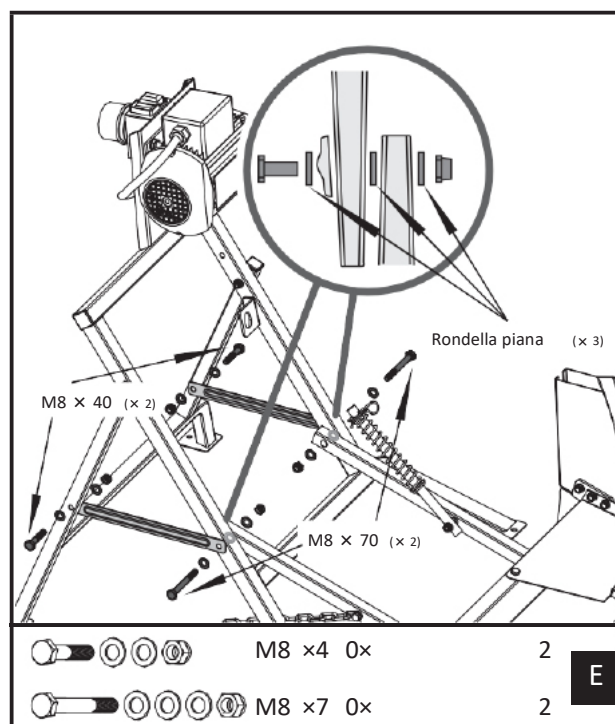
Fasten one end of the guide tube with return spring to the left leg with M8×55 bolts, washers, and nut as in Fig. D.



Connecting the log carriage and the frame

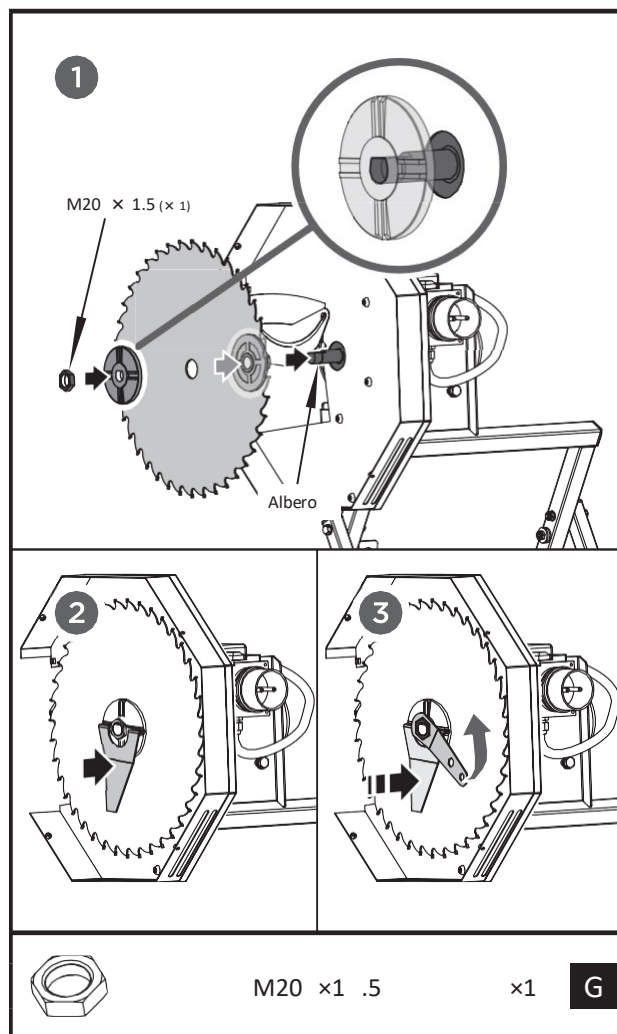
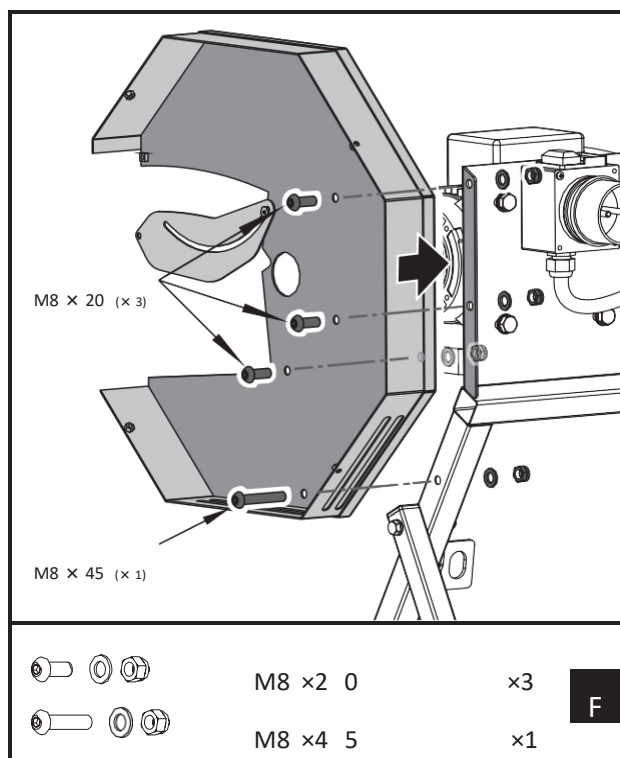
Place the log carriage on the ground with the legs inside the frame and position one end of the side plate on the outside as shown in Fig. E. Fasten them together with M8×40 bolts, washers, and lock nuts on both sides.

Fasten the other end of the side plate from the inside of the frame with M8×70 bolts, washers, and lock nuts on both sides.



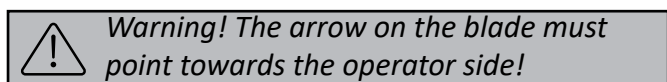
Inner blade cover

Slide the shaft through the central hole of the inner blade cover and align the other holes with those on the motor plate as in Fig. F. Secure it with three M8×20 bolts, washers, and lock nuts on the upper side and one M8×45 bolt, washer, and lock nut on the lower side.



Blade

Slide the rear blade flange onto the drive shaft. Place the blade together with the front clamping flange onto the rear flange and secure it with the M20×1.5 nut as in Fig. G, illustration 1.

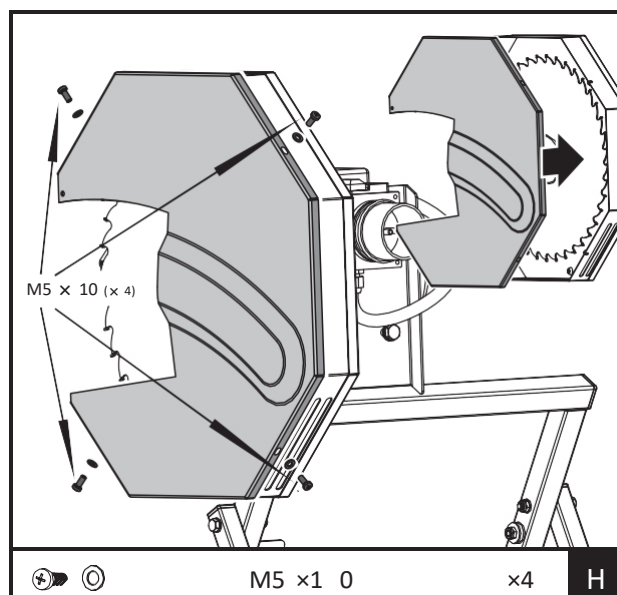


Tighten the nut with the blade wrench while holding the front clamping flange with the front wrench to keep it from turning back as in Fig. G, illustrations 2 and 3.

Reminder! Properly store the two special wrenches.

Outer blade cover

Tighten the outer blade cover to the inner cover with four M5×10 cross-head screws and flat washers as in Fig. H



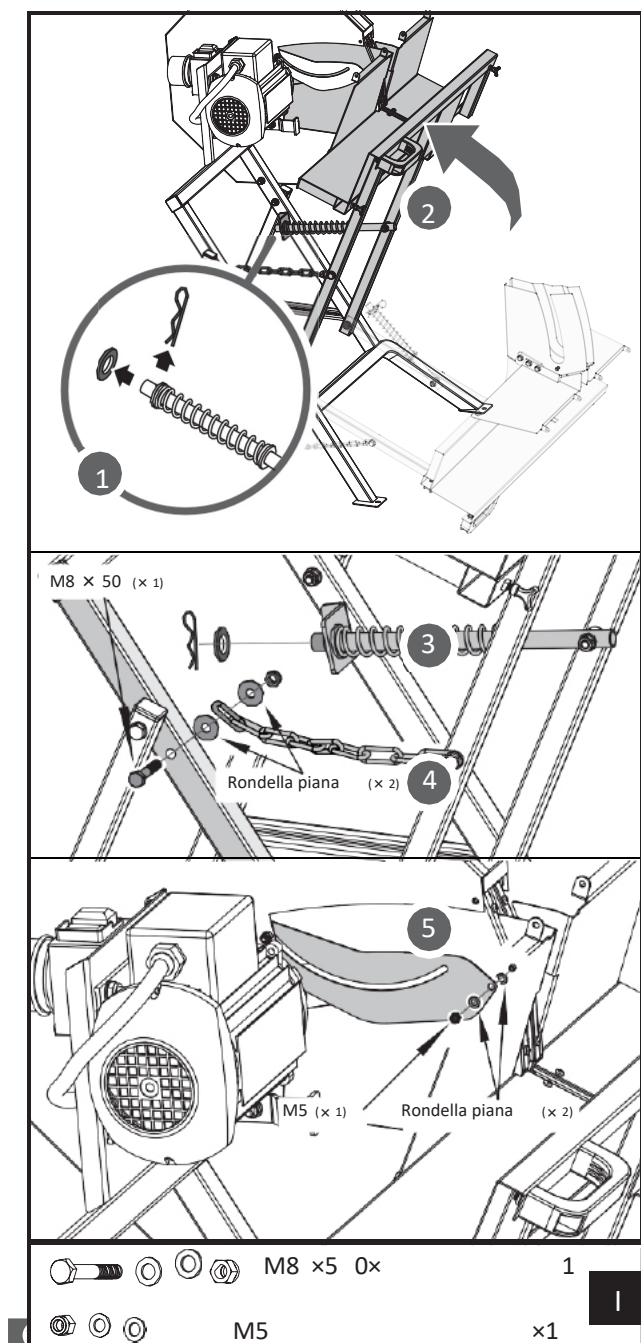
Return spring and fastening chain

Take the pin and washer from the guide tube with spring as in Fig. I, step 1. Push the log carriage towards the frame until the open end of the guide tube is inserted into the corner part at the frame as in Fig. I, step 2. Secure the tube with the washer and cotter pin as in Fig. I, step 3.

Fasten the open end of the chain to the frame on the left side with an M8×50 bolt, two washers, and a nut as in Fig. I, step 4.

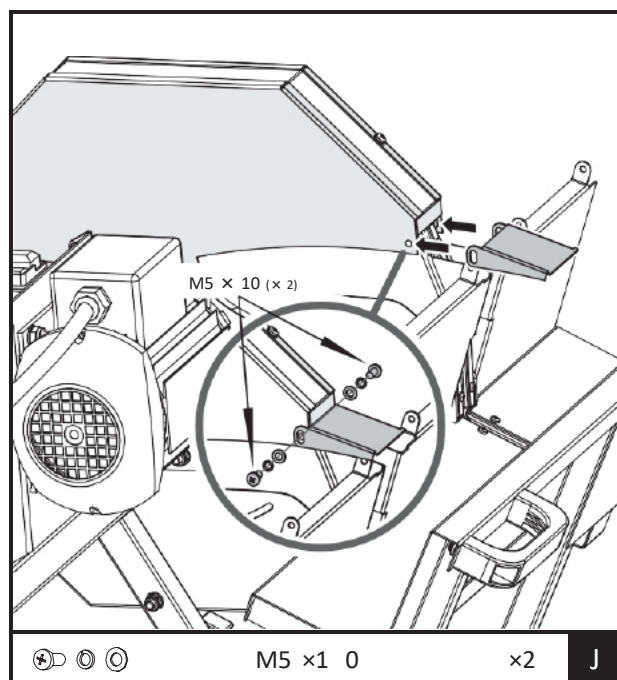
Inner blade cover guard

Install the inner blade cover guard onto the blade guard with an M5 nut and two flat washers as in Fig. I, step 5.



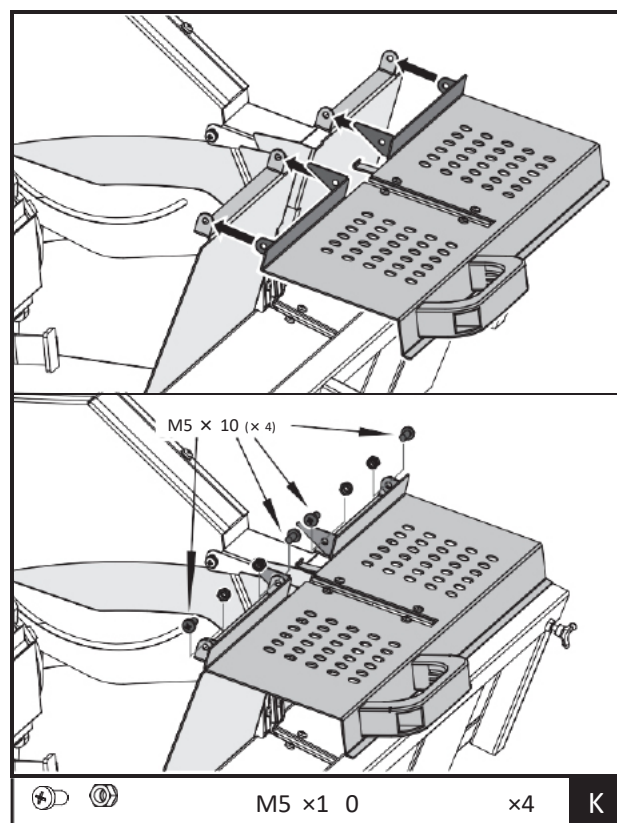
Limiting plate

Mount the limiting plate and secure it with two M5×10 screws and washers as in Fig. J.



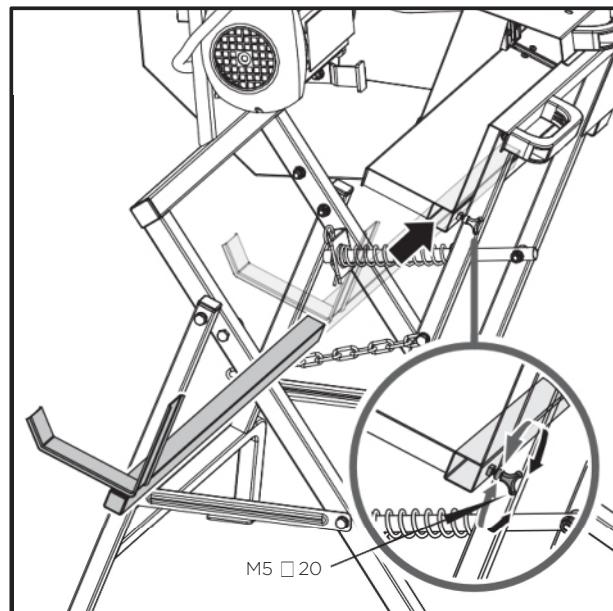
Upper guard

Mount the upper guard with four M5×10 bolts and lock nuts as in Fig. K.



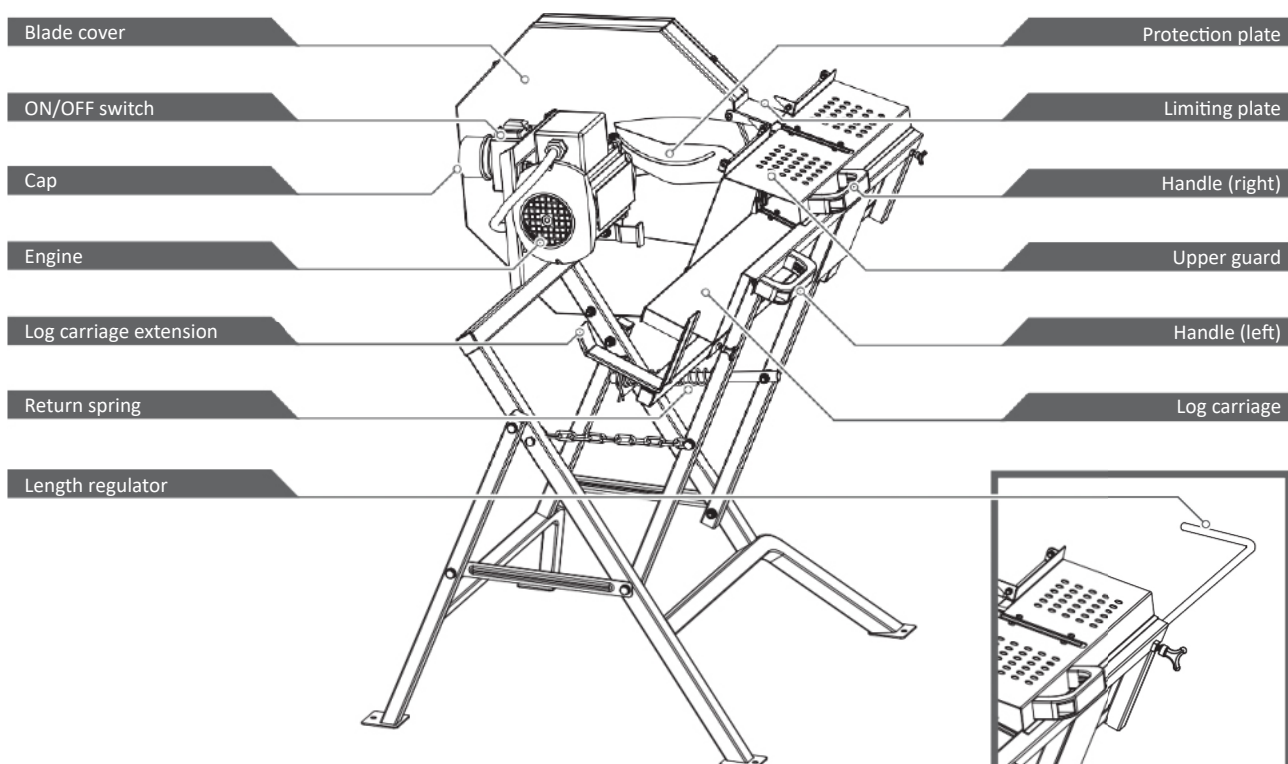
Log carriage extension

Loosen the M5×20 bolt on the rear side of the log carriage until the carriage extension can be inserted into the opening. Slide the carriage extension into the channel and align it properly. Then tighten it with the bolt.



KNOW YOUR MACHINE

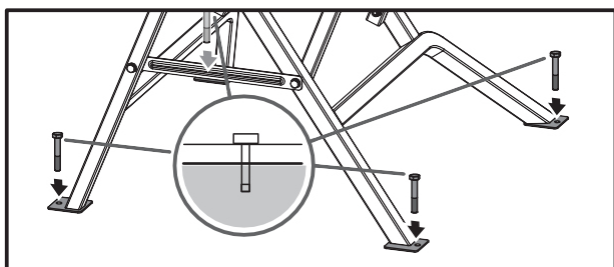
Features and controls



Operations

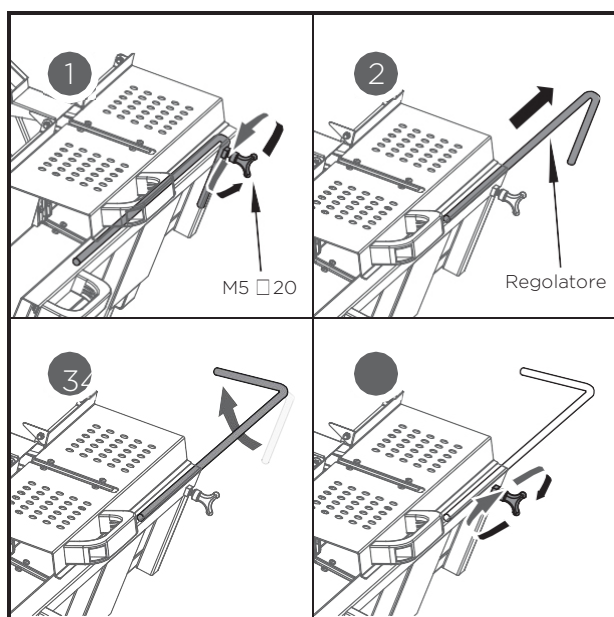
Secure the machine on level ground

To secure the saw bench, use four bolts or stakes on level ground. Due to different ground surfaces, these are not included. Choose the right type of bolt or stake for your surface type.



Set the log length regulator

Loosen the M5×20 wing bolt to allow free removal of the regulator. Set the desired length on the scale. Turn it clockwise as shown in illustration 3 and secure it by tightening the wing bolt.



Power supply and operation

Use the correct power supply and cables. Insert the plug into the socket and turn on the motor switch.

Once the motor switch is turned on, the cutting blade begins to rotate. Open the upper guard, place the log in the cutting position on the log carriage, and close the guard. Grasp the handle on the left side of the log carriage and push it toward the blade cover.

The movable blade guard will open and reveal the blade. Continue to push with even force until the log on the carriage is cut. Stop pushing and the carriage will retract to its original position. Move the remaining log into the cutting position and continue the next cycle until the job is complete. To stop the machine, turn off the motor switch until the cutting blade comes to a complete stop. Unplug the machine and clean it with a cloth.

Preventive maintenance

Inspect the general condition of the saw bench. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, and any other condition that may affect its safe operation. Remove all debris with a soft brush, vacuum cleaner, or compressed air. Make maintenance a regular part of daily operation.

- Checks
- Nuts, bolts, and fittings: make sure all are tight and secure.
- Blade condition: sharpen or replace a dull or damaged blade.

Log jamming

If a jam is likely to occur. Immediately turn off the device.

- Wait for the saw to stop.
- Unplug the power cord.
- Carefully remove the jammed log from the machine.

Blade sharpening

The blade can be sharpened.

This blade can be sharpened several times without removing it from the machine. Use a fine-cut 8-12" square blade file for sharpening.

During manual sharpening, file only the front rake of the tooth for a distance of about 5-7 mm.

Always maintain the original shape of the tooth.

Do not make sharp notches at the root of the tooth.

Always thoroughly clean the blade clamps.

Carefully check the blade to ensure you never saw with a cracked blade.

MAINTENANCE



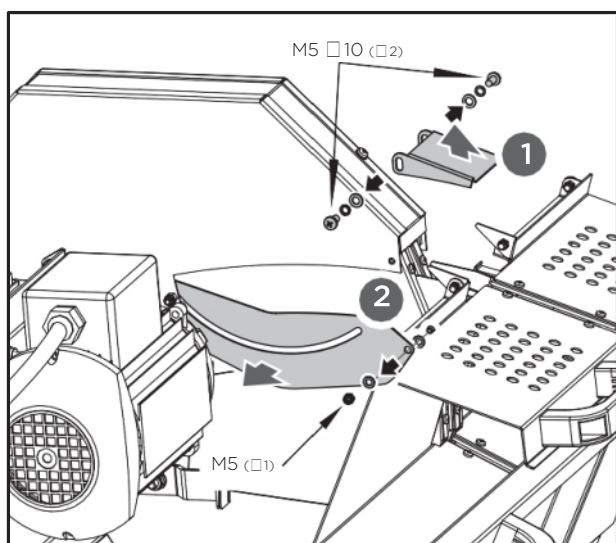
Warning! Before any work of adjustment, maintenance, or service, unplug the power cord!

General maintenance measures

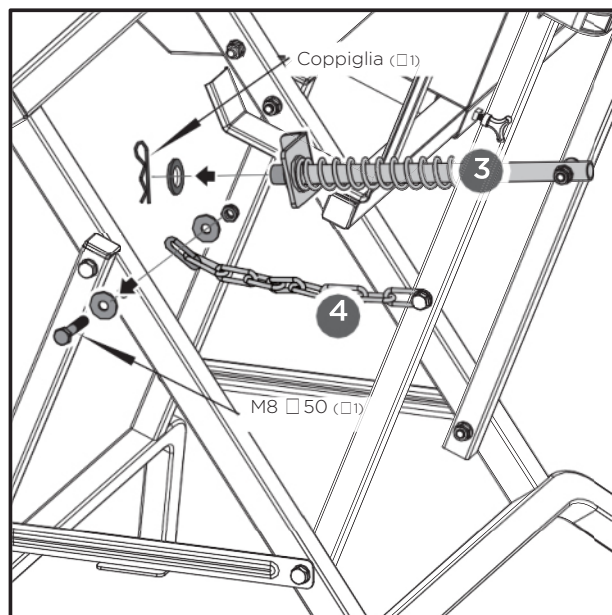
Keep all safety devices, air vents, and the motor housing as free from dirt and dust as possible. Clean the equipment with a clean cloth or blow it with low-pressure compressed air. It is recommended to clean the device immediately each time after use. Regularly clean the equipment with a damp cloth and a little mild soap. Do not use detergents or solvents; these could attack the plastic parts of the equipment. Make sure that water cannot enter the device. The entry of water into a power tool increases the risk of electric shock. In order to prolong the life of the tool, oil the rotating parts once a month. Do not oil the motor.

Blade replacement

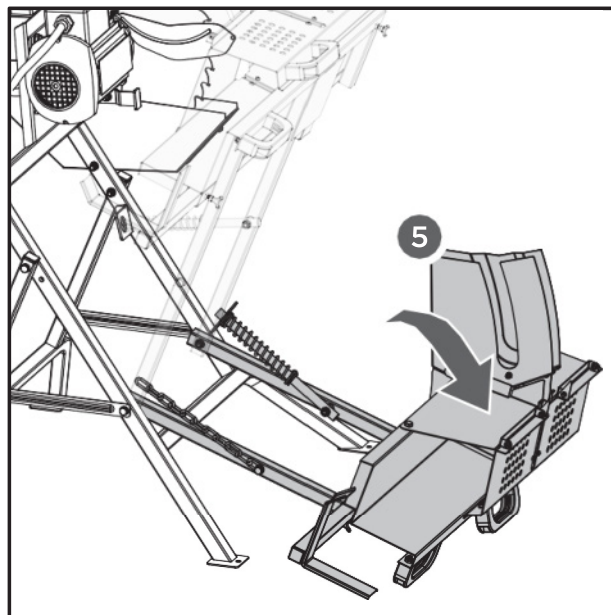
1. Remove the limiting plate by loosening the M5×10 screws, spring washers, and flat washers.
2. Remove the M5 nut and flat washers from the guard plate.



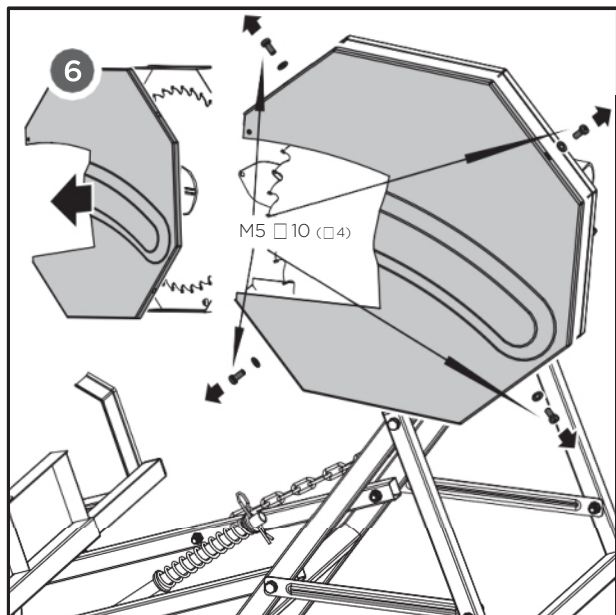
3. Pull the pin and washer from the return guide tube.
4. Remove the M8×50 bolt, washers, and nut securing the chain.



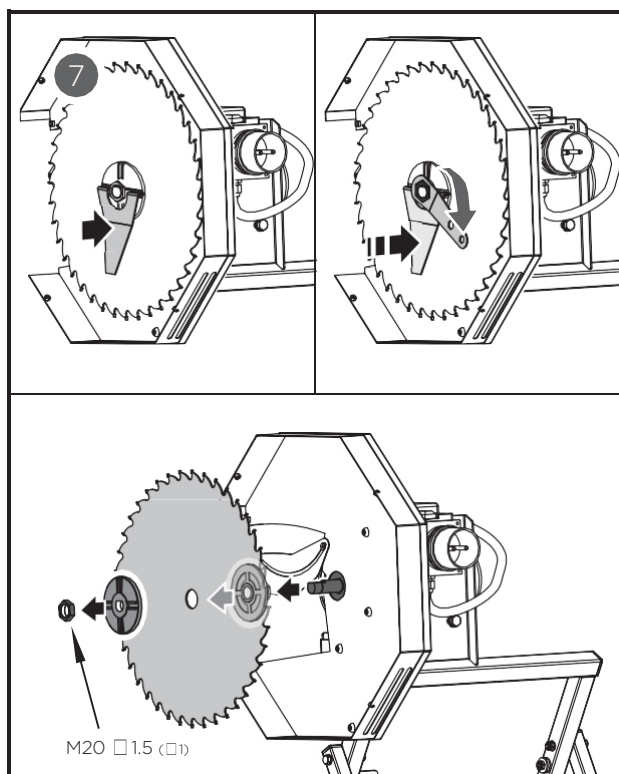
5. Slowly lower the log carriage towards the ground.



6. Remove the four M5×10 screws and washers from the blade guard and also from the outer blade cover.



7. Remove the M20×1.5 nut and the front clamping flange. Remove the old blade.

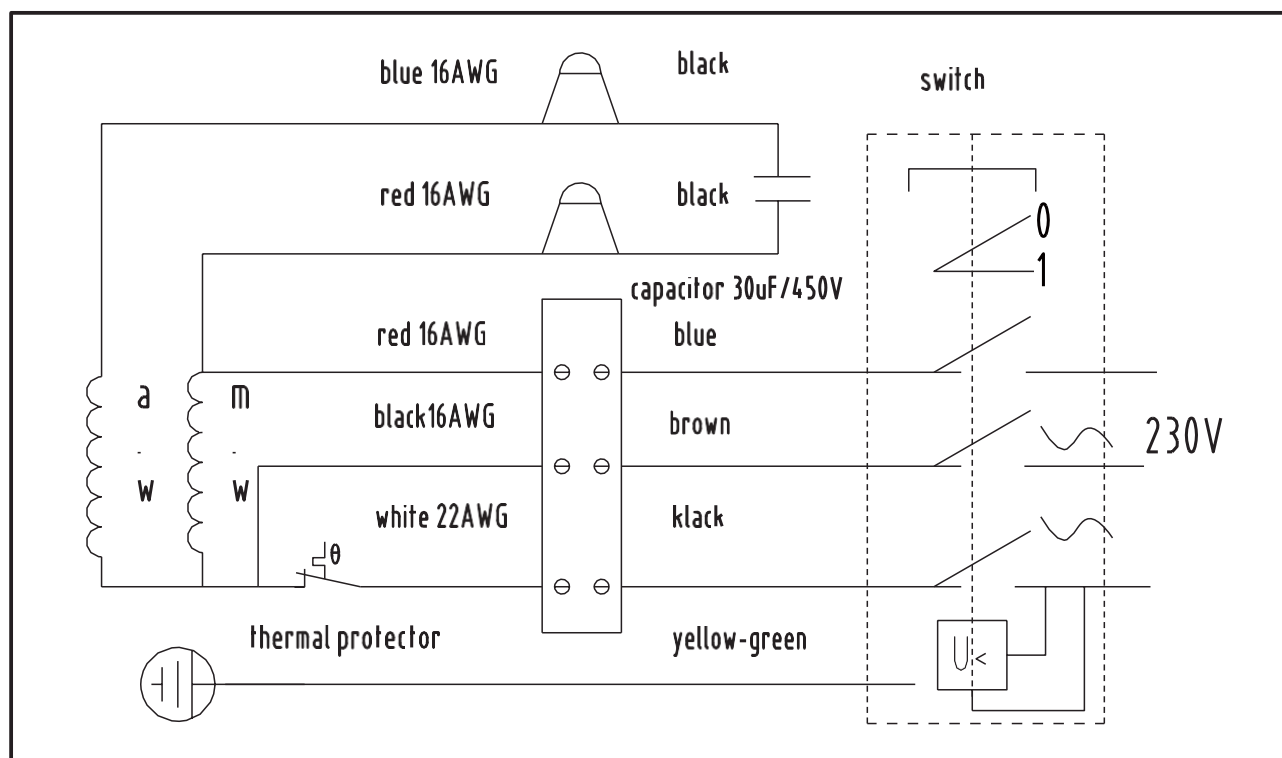


STORAGE

Store unused equipment in a dry, locked place out of the reach of children. Before a longer storage period, perform the following to prolong the life of the saw and ensure easy operation.

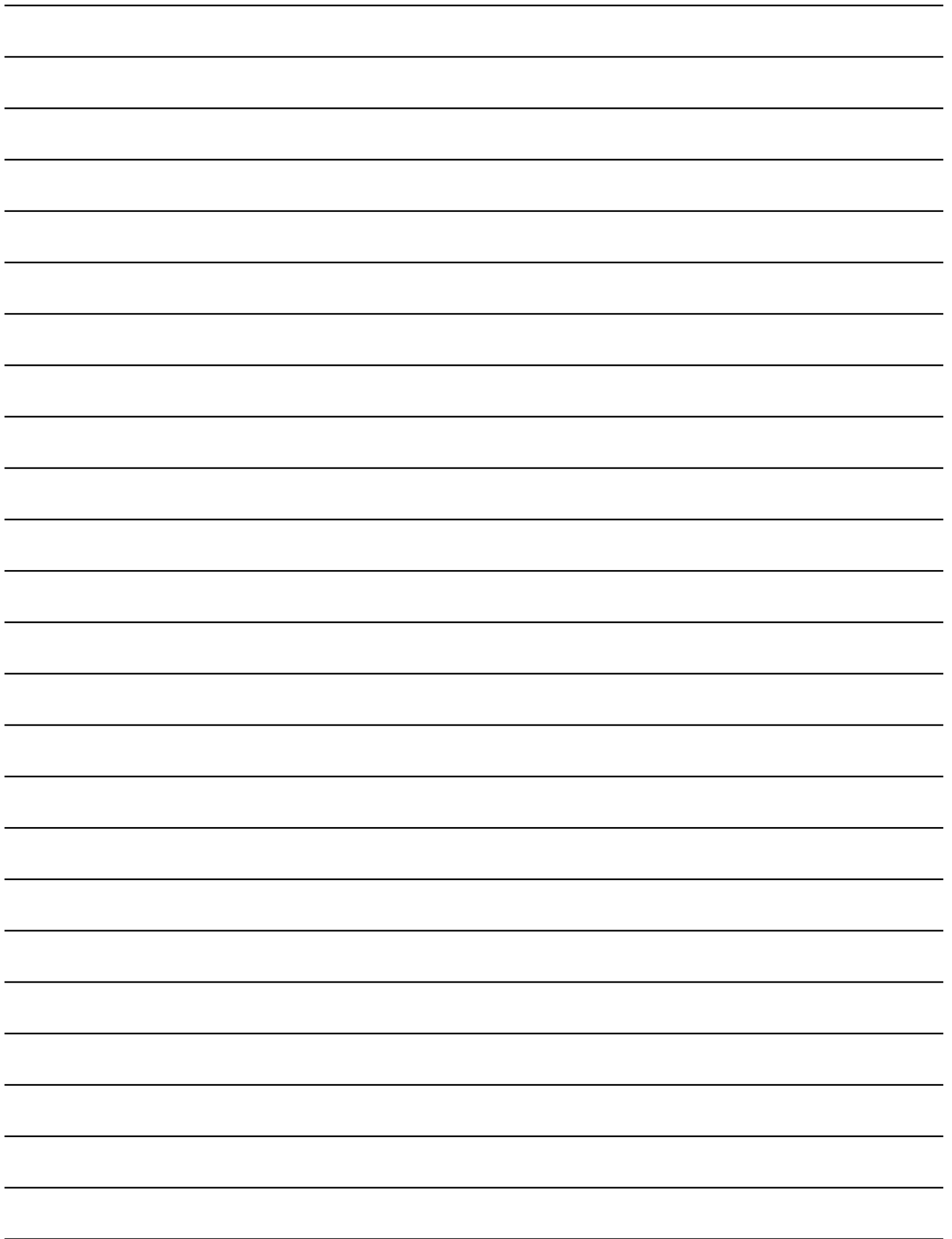
- Thoroughly clean the device.
- Treat all moving parts with an environmentally friendly oil.

WIRING DIAGRAM



TROUBLESHOOTING

Problem	Cause	Remedy
The blade loosens after turning off the motor	Fastening nut insufficiently tightened	Tighten the right-threaded fastening nut
The engine does not start	1. Blown fuse 2. Extension cable defect 3. Motor connections or switch defect 4. Motor or connection defect	1. Check the fuse 2. Replace the extension cable 3. Have it checked by an electrician 4. Have it checked by an electrician
Incorrect direction of motor rotation	Capacitor defect	Have it checked by an electrician
The motor is unable to operate: the fuse has tripped	1. Insufficient extension cable cross-section 2. Overload due to blunt blade	1. See "WIRING DIAGRAM" in the user manual 2. Replace the blade
Burns on the cutting surface	1. Blunt blade 2. Wrong blade	1. Insert a sharp blade 2. Replace the blade



EC DECLARATION OF CONFORMITY - HERSTELLERERKLÄRUNG - DECLARATION 'CE' DE CONFORMITE - DECLARACION DE CONFORMIDAD - DICHIARAZIONE DI CONFORMITA' EUROPEA - GELIJKVORMIGHEIDSVERKLARING - EC DEKLARATION I OVERENSSTEMMELSE - DECLARAÇÃO CE DE CONFORMIDADE - EY ILMOITUS - FORSAKRAN OM OVERENSSTAMMELSE - BEKREFTENDE EU ERKLÆRING - ΔΗΛΩΣΗ ΕΚ ΣΥΜΜΟΡΦΩΣΗΣ - EUROPEJSKA DEKLARACJA ZGODNOSCI

1) MANUFACTURER – HERSTELLER – FABRICANT – FABRICANTE – COSTRUTTORE – CONSTRUCTEUR – PRODUCENT – FABRICANTE – VALMISTAJA – TILLVERKARE – FABRIKANT – Κατασκευαστής – PRODUCENT:
Blue Bird Industries Fabbrica Motori s.r.l.
Via Due Camini 19, 36010 Zanè (VI) Italia

2) DESCRIPTION OF THE MACHINERY – BESCHREIBUNG DER MASCHINE – DESCRIPTION DE LA MACHINE – DESCRIPCION DE LA MAQUINARIA – DESCRIZIONE DELLA MACCHINA – BESCHRIJVING VAN DE MACHINE – BESKRIVELSE AF MASKINEN – DESCRIÇÃO DA MAQUINA – KONEEN NIMITYS – MATERIELSLAG – BESKRIVELSE AV MASKINERIE – ΠΕΡΙΓΡΑΦΗ ΤΩΝ ΜΗΧΑΝΩΝ – OPIS MASZYN:
BANCO SEGA – LOG SAW

a) MAKE – FABRIKAT – MARQUE – MARCA – MARCA – MERK – MÆRKE – MARCA – MERKKI – FABRIKAT – FABRIKANT – MAPKA – MARKA:
BLUE BIRD

b) TYPE / TYP / TYPE / TIPO / TIPO / TYPE / TYPE / TIPO / MALLI / TYPBE / TYPE / ΤΥΠΟΣ / ΤΥΡ:
BANCO SEGA 140MM

2000/14/EC (2005/88/EC) – Livelli di potenza sonora come da allegato V – Sound Power Levels performed per annex V	
TIPO	Livelli di Potenza Sonora Misurata / Livelli di Potenza Sonora Garantita LWA Sound Power Levels Measured / Sound Power Level Guaranteed LWA (dB)
BANCO SEGA 140MM	101/115

c) Il prodotto è conforme alle direttive - The product complies with the directives - Das Produkt entspricht den Richtlinien - Le produit est conforme aux directives - El producto cumple con las directivas :

- 2006/42/EC – 2014/30/EU – 2000/14/EC (2005/88/EC) – 2011/65/EU

d) Il controllo CE del campione di costruzione secondo la direttiva 2006/42/CE, Art 12.3(b) è stato eseguito presso:
The EC type examination test was carried out pursuant to Directive 2006/42/EC, Art 12.3(b) at:
Die EG-Baumusterprüfung nach Richtlinie 2006/42/EG, Art. 12.3(b) wurde durchgeführt bei:
L'examen CE de type conformément à la directive 2006/42/CE Art. 12.3(b) a été effectué par l'office de contrôle:
La prueba de examen CE de tipo se llevó a cabo de conformidad con la Directiva 2006/42 / CE, Art.12.3 (b) en:
• TÜV SÜD Product Service GmbH at Ridlerstraße 65, 80339 Munich, Germany No.0123 - Certificate No. M6A 086973 0005 Rev. 02

e) REFERENCE TO STANDARDS/HARMONIZED STANDARDS - VERWEIS AUF NORMEN/HARMONISIERTE NORMEN - REFERENCE AUX NORMES/NORMES HARMONISEES - REFERENCIA A ESTANDARES/ESTANDARES ARMONIZADOS - RIFERIMENTO ALLE NORME/NORME ARMONIZZATE - REFERENTIE NAAR STANDAARDEN/GEHARMONISEERDE STANDAARDEN - REFERENCE TIL STANDARDER/HARMONISEREDE STANDARDER - REFERENCIA AS NORMAS/NORMAS HARMONIZADAS - VITTAUS STANDARDEIHIN/YHTEISIIN STANDARDEIHIN - REFERERANDE TILL STANDARDER/HARMONISERADE STANDARDER - HENVISNING TIL STANDARD/FELLES STANDARD - ΑΝΑΦΟΡΑ ΣΤΑ ΠΡΟΤΥΠΑ/ΕΝΑΡΜΟΝΙΣΜΕΝΑ ΠΡΟΤΥΠΑ - ODNIESIENIE DO NORM/NORM ZHARMONIZOWANYCH:

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VANDA VITELLA



BLUE BIRD INDUSTRIES Fabbrica Motori s.r.l.

Via Due Camini, 19
36010 ZANÉ ITALIA

Tel. 0445 314138

Fax 0445 314225

www.bluebirdind.com