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MAF02452/a

WARNUNG

Lesen Sie alle Sicherheitshinweise und Anweisungen. Versäumnisse bei der Einhaltung der Sicherheitshinweise und Anweisungen können elektrischen Schlag, Brand und/oder schwere Verletzungen verursachen. **Bewahren Sie alle Sicherheitshinweise und Anweisungen für die Zukunft auf.**

WARNING

Please read all safety instructions and directions. Failure to comply with the safety instructions and directions can cause electric shock, fire and/or serious injuries. **Please retain all safety instructions and directions for future reference.**

AVERTISSEMENT

Veillez lire toutes les consignes de sécurité et instructions. Tout non-respect des consignes de sécurité et instructions risque d'être à l'origine de décharges électriques, d'incendies et/ou de blessures graves. **Conservez toutes les consignes et instructions pour pouvoir les relire à tout moment.**

AVVERTENZA

Leggere tutte le avvertenze di sicurezza e le istruzioni. La mancanza del rispetto delle avvertenze di sicurezza e delle istruzioni possono causare scossa elettrica, incendio e/o gravi lesioni. **Conservare tutte le avvertenze di sicurezza e le istruzioni per il futuro.**

WAARSCHUWING

Lees alle veiligheidsaanwijzingen en instructies. Nalatigheid bij het naleven van de veiligheidsinstructies en aanwijzingen kan elektrische schok, brand en/of ernstige letsels veroorzaken. **Bewaar alle veiligheidsaanwijzingen en instructies voor later gebruik.**

ADVERTENCIA

Lea todas las indicaciones de seguridad e instrucciones. Si no se cumplen las indicaciones de seguridad e instrucciones, se pueden producir descargas eléctricas, incendios y/o lesiones graves. **Guarde todas las indicaciones de seguridad e instrucciones para el futuro.**

VAROITUS

Lue kaikki turvaohjeet ja käyttöohjeet. Laiminlyönti turvaohjeiden ja käyttöohjeiden noudattamisessa voi aiheuttaa sähköiskun, tulipalon ja/tai vakavia vammoja. **Säilytä kaikki turvaohjeet ja käyttöohjeet tulevaisuuden varalle.**

VARNING

Läs alla säkerhetsanvisningar och anvisningar. Underlåtenhet att följa säkerhetsanvisningar och anvisningar kan orsaka elstötar, brand och/eller allvariga personskador. **Behåll alla säkerhetsanvisningar och anvisning för framtida användning.**

ADVARSEL

Læs alle sikkerhedshenvisninger og instruktioner. En manglende overholdelse af sikkerhedshenvisningerne og instruktionerne kan føre til elektrisk stød, brand og/eller alvorlige kvæstelser. **Opbevar alle sikkerhedshenvisninger og instruktioner til fremtidig brug.**

ПРЕДУПРЕЖДЕНИЕ

Прочитайте все правила и инструкции по технике безопасности. Несоблюдение этих правил и инструкций по технике безопасности может привести к поражению электрическим током, возгоранию и/или другим серьезным травмам. **Сохраните все правила и инструкции по технике безопасности для дальнейшего использования.**

OSTRZEŻENIE

Przeczytać wszystkie przepisy bezpieczeństwa i wskazówki. Zaniedbanie przestrzegania przepisów bezpieczeństwa i wskazówek może prowadzić do porażenia prądem, pożaru i/lub ciężkich zranień. **Zachować wszystkie przepisy bezpieczeństwa i wskazówki na przyszłość.**

UPOZORNĚNÍ

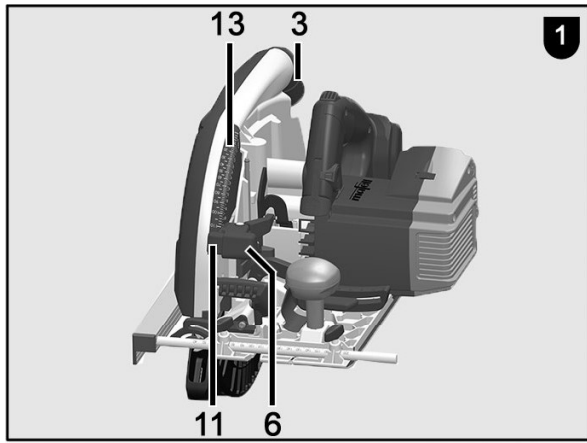
Přečtěte si všechna bezpečnostní upozornění a pokyny. Zanedbání bezpečnostních upozornění a pokynů může způsobit zásah elektrickým proudem, požár a/nebo vážná zranění. **Všechna bezpečnostní upozornění a pokyny si ponechejte pro pozdější použití.**

OPOZORILO

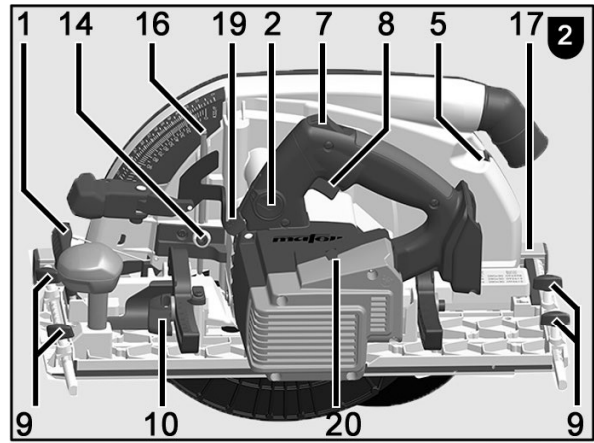
Preberite vsa varnostna opozorila in napotke. Neupoštevanje varnostnih opozoril in napotkov lahko povzroči udar električnega toka, požar in/ali hude telesne poškodbe. **Vsa varnostna opozorila in napotke shranite za prihodnjo uporabo.**

VÝSTRAHA

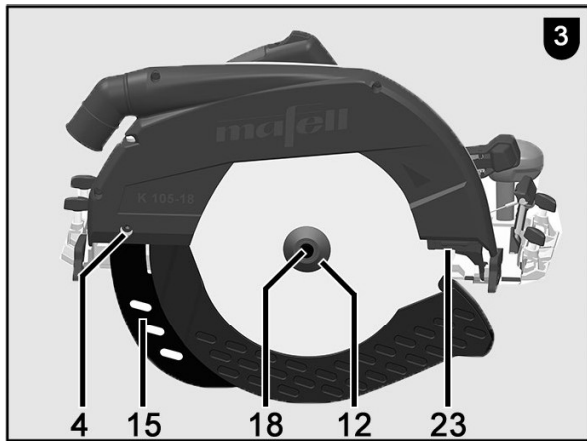
Prečítajte si bezpečnostné pokyny a inštrukcie. Nedbalé dodržiavanie bezpečnostných pokynov a inštrukcií môže spôsobiť úder elektrickým prúdom, požiar a/alebo ťažké zranenia. **Uschovajte si všetky bezpečnostné pokyny a inštrukcie pre možné budúce použitie.**



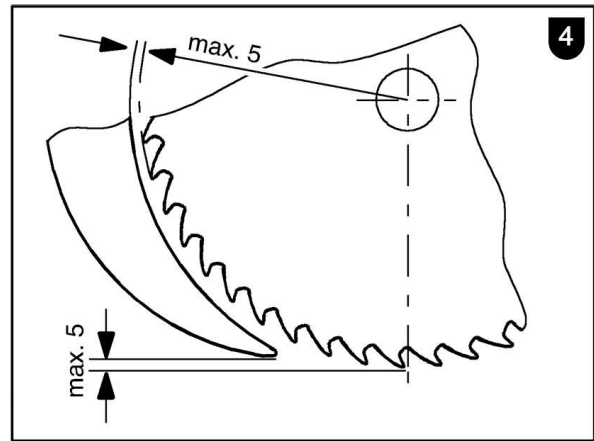
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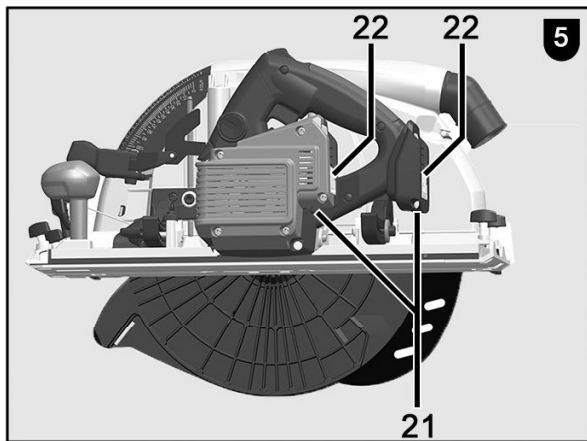
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MAF02456/a

D - EG Konformitätserklärung

Wir bescheinigen hiermit, dass die Maschine K 105-18 den angeführten EU-Richtlinien entspricht. Bei Konstruktion und Bau wurden die gelisteten Normen angewendet. Bevollmächtigter für die Zusammenstellung der technischen Unterlagen: Mafell AG

GB - EC Declaration of Conformity

We herewith confirm that the machine K 105-18 complies with the EU directives quoted. The standards listed were used for design and construction. Empowered person for the configuration of the technical documents: Mafell AG

F - Déclaration CE de conformité

Nous déclarons par la présente que la machine K 105-18 est conforme aux directives CE applicables comme suit. Lors de la construction, les règlements suivants ont été utilisés. Plénipotentiaires pour l'assemblage des documentations techniques: Mafell AG

I - Dichiarazione di conformità CE

Con la presente certifichiamo che la macchina K 105-18 è conforme alle seguenti direttive CE applicabili. Nella progettazione e la costruzione sono state applicate le seguenti norme. Responsabile per la composizione della documentazione tecnica: Mafell AG

NL - EG conformiteitsverklaring

Wij bevestigen hiermede dat de machine K 105-18 aan de vermelde EU-richtlijnen beantwoord. Bij constructie en bouw werden de vermelde normen toegepast. Gemachtigde voor de samenstelling van de technische documenten: Mafell AG

E - Declaración de conformidad CE

Con la presente se certifica que la máquina K 105-18 cumple las directivas europeas mencionadas, las cuales forman la base tanto del diseño constructivo como de los procesos de fabricación. Apoderado legal para la compilación de la documentación técnica: Mafell AG

FIN - EY-vaatimustenmukaisuusvakuutus

Vakuutamme täten, että kone K 105-18 vastaa mainittujen EU-direktiivien vaatimuksia. Sen suunnittelussa ja valmistuksessa on sovellettu luettelossa ilmoitettuja standardeja. Teknisten asiakirjojen laatimiseen valtuutettu henkilö: Mafell AG

S - EG Konformitetsförklaring

Vi intygar härmed att maskinen K 105-18 uppfyller angivna EU direktiv. De angivna normerna användes vid konstruktion och tillverkning. Befullmäktigad för sammanställningen av den tekniska dokumentationen: Mafell AG

DK - EU overensstemmelseserklæring

Vi attesterer hermed, at maskinen K 105-18 opfylder de angivene EU-direktiver. Konstruktion og bygning er udført iht. de angivene standarder. Person, der er befuldmægtiget til at sammenstille det tekniske materiale: Mafell AG

RUS - Сертификат соответствия ЕС

Настоящим подтверждаем, что машина K 105-18 отвечает требованиям указанных директив ЕС. При проектировании и изготовлении применялись перечисленные нормы. Уполномоченный представитель по составлению технической документации: Mafell AG

PL - Deklaracja zgodności UE

Niniejszym potwierdzamy, że maszyna K 105-18 spełnia wymagania wyszczególnionych dyrektyw UE. W trakcie konstrukcji urządzenia zastosowano przedstawione normy. Pełnomocnik odpowiedzialny za zestawienie dokumentacji technicznej: Mafell AG

CZ - PROHLÁŠENÍ O SHODĚ

Tímto prohlašujeme, že stroj K 105-18 splňuje pokyny uvedených směrnic EU. Při plánování a sestavení byly využity uvedené normy. Za sestavení technických podkladů zodpovídá: Mafell AG

SLO - ES izjava o skladnosti

S tem izjavljamo, da stroj K 105-18 ustreza navedenim direktivam EU. Pri konstrukciji in izdelavi so uporabljeni našeti standardi. Za sestavo tehnične dokumentacije je pooblaščen podjetje: Mafell AG

SVK - Vyhlásenie o zhode

Týmto potvrdzujeme, že stroj K 105-18 zodpovedá uvedeným smerniciam EÚ. Pri projektovaní a stavbe boli použité normy uvedené v zozname. Osoba poverená vyhotovením technických podkladov: Mafell AG



2006/42/EG
2014/30/EU
2011/65/EU

EN 62841-1, EN 62841-2-5, EN 55014-1, EN 55014-2,
EN ISO 12100, EN 847-1

K 105-18

Art.-Nr.: 91D302, 91D303

Mafell AG

Beffendorfer Str. 4
D - 78727 Oberndorf, den 28.11.2025

Dipl.-Ing. (FH) Thorsten Bühl
Vorstandsvorsitzender / CEO

i. V. Dipl.-Ing. Harald Schmid, MBA
Leitung Entwicklung und Konstruktion

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1 Signs and symbols



This symbol is found in all places where you will find information for your safety.

Non-compliance with these instructions may result in very serious injuries.



This symbol indicates a potentially hazardous situation.

If this situation is not avoided, the product or objects in its vicinity may get damaged.



This symbol indicates tips for the user and other useful information.

2 Product information

for machine with Art.-No. 91D302, 91D303

2.1 Manufacturer's data

MAFELL AG, Beffendorfer Straße 4, D-78727 Oberndorf / Neckar, Phone +49 (0)7423/812-0, Fax +49 (0)7423/812-218, e-mail: mafell@mafell.de, Homepage www.mafell.com

2.2 Information on the rechargeable battery

The CE Declaration of Conformity with regard to the rechargeable batteries can be found on our website www.mafell.com in the footer area under the header Legal Matters, Declaration of Conformity.

2.3 Machine identification

All details required for machine identification are available on the attached rating plate.



CE symbol to document compliance with the basic safety and health requirements according to Appendix I of the Machinery Directive.



For EU countries only

Do not dispose of electrical tools together with domestic waste!

In accordance with the European directive 2012/19/EU on waste electrical and electronic equipment and transposition into national law, obsolete electrical tools must be collected separately and recycled in an environmentally-compatible manner.



Read the operating instructions. This reduces the risk of injury.



Protect the rechargeable battery from heat, excessive solar radiation, fire, frost, water and humidity.

Protect rechargeable battery packs from humidity!



Protect rechargeable battery packs from fire!

There is danger of explosion!



Cordless Alliance System (=CAS) is a cross-manufacturer battery pack system. Further information is available at www.cordless-alliance-system.com

2.4 Technical data

Type of motor	brushless
Operating voltage	18 V DC
Speed during idling	2800 - 5200 min ⁻¹
Cutting depth 0°/30°/45°/60°	110/94/77/55 mm (4 21/64 3 45/64 3 1/32 2 11/64 inches)
Tilting saw unit	0° - 60°
Saw blade diameter	280 mm (11 1/32 inches)
Saw blade base body thickness	1.8 mm (5/64 inches)
Tool cutting width	2.8 mm (7/64 inches)
Saw blade mounting hole	30 mm (1 3/16 inches)
Hose connector diameter	35 mm (1 3/8 inches)
Weight with rechargeable battery (without parallel stop)	9.3 kg (20.50 lbs)
Dimensions (W x L x H)	297 x 450 x 327 mm (11 11/16 x 17 23/32 x 12 7/8 inches)

2.5 Emissions

The declared noise emission values have been measured in accordance with EN 62841-1 and EN 62841-2-5 and may be used for comparing the tool with another and also in a preliminary assessment of exposure.



Danger

The noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used especially what kind of workpiece is processed.

Always wear hearing protection, even when the power tool is running idle in addition to the trigger time!

2.5.1 Noise emission specifications

Noise emission values determined according to EN 62841-1 and EN 62841-2-5:

Sound pressure level	$L_{PA} = 94 \text{ dB (A)}$
Uncertainty	$K_{PA} = 3 \text{ dB (A)}$
Sound power level	$L_{WA} = 102 \text{ dB (A)}$
Uncertainty	$K_{WA} = 3 \text{ dB (A)}$

The noise measurement was recorded using the saw blade included in the standard equipment.

2.5.2 Vibration specifications

The typical hand-arm vibration according to EN 62841 is less than 2.5 m/s².

2.6 Scope of supply

Portable circular saw K 105-18 complete with:

- 1 carbide-tipped circular saw blade Ø 280 mm (11 1/32 inches), 15 teeth
- 1 riving knife/splitter (thickness 2.2 mm (3/32 inches))
- 1 parallel guide fence
- 1 service tool in bracket on the machine
- 1 operating manual
- 1 folder "Safety instructions"

2.7 Safety devices



Danger

These devices are required for the machine's safe operation and may not be removed or rendered inoperative.

Before operating the machine, check the safety devices for function and possible damage. Do not use the machine with missing or ineffective safety devices.

The machine is equipped with the following safety devices:

- Upper stationary saw guard
- Lower retractable saw guard
- Large base plate
- Handles
- Riving knife / splitter
- Index mechanism and electrical brake
- Hose connector

2.8 Intended use

The K 105-18 is suitable for longitudinal and cross cutting of solid wood. Processing of panel materials (chip board, core board and Mdf board), wood fibre insulation material and synthetic materials (polystyrene) is also possible. In addition, the K 105-18 is suitable for processing sandwich panels.

Use saw blades according to EN 847-1 approved for the respective purpose.

The use in industrial continuous operation is not permitted.

Any other use than described above is not permissible. The manufacturer shall not be liable for any damage arising from such other use; such use shall also void all guarantee and warranty claims.

So as to use the machine as intended, comply with the operating, maintenance and repair instructions specified by Mafell.

Only use original Mafell / CAS rechargeable batteries and accessories.

2.9 Residual risks



Danger

Even if used in accordance with its intended purpose and despite conforming with the safety instructions, residual risks caused by the intended use that can lead to health consequences will always remain.

- Touching the saw blade in the vicinity of the starting aperture below the base plate.
- Touching the part of the saw blade that protrudes below the workpiece when cutting.
- Touching of turning parts from the side: saw blade, clamping flange and flange screw.
- Machine backlash if the blade gets stuck in the workpiece.
- Breakage of the saw blade and risk of the blade or pieces of the blade being hurled away.
- Touching live parts with the housing open and the rechargeable battery not removed.
- Hearing can be impaired when working for long periods without ear protectors.
- Emission of harmful wood dusts during longer operation without extraction.

3 General safety instructions for power tools



Danger

Always observe the following safety instructions and the safety regulations applicable in the respective country of use!

Please also read the safety information in the enclosed folder 070500 "Safety instructions" (according to standard EN 62841-1).

4 Safety information for circular saws

4.1 Sawing method

- **Danger: Never place your hands in the vicinity or in line with the saw blade. With your other hand, support the supplementary handle or the motor casing.** If both hands are holding on to the saw they cannot get hurt by the saw blade.
- **Do not reach underneath the workpiece.** The guard cannot protect you from the blade below the workpiece.
- **Adjust the cutting depth to the thickness of the workpiece.** Less than a full tooth of the blade teeth should be visible below the workpiece.
- **Never hold the workpiece in your hands or across your leg while cutting. Secure the workpiece to a stable platform.** It is important to support the work properly to minimise body exposure, blade binding, or loss of control.
- **Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a "live" wire will also make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **When ripping, always use a rip fence or straight edge guide.** This improves the accuracy of cut and reduces the chance of blade binding.
- **Always use blades with correct size and shape (diamond versus round) of arbour holes.** Blades that do not match the mounting hardware of the saw will run off-centre, causing loss of control.
- **Never use damaged or incorrect blade washers or bolt.** The blade washers and bolt were specially designed for your saw, for optimum performance and safety of operation.

4.2 Kickback - reasons and corresponding safety instructions

- kickback is a sudden reaction to a pinched, jammed or misaligned saw blade, causing uncontrolled saw to lift up and out of the workpiece toward the operator;
- When the blade is pinched or jammed tightly by the kerf closing down, the blade stalls and the motor reaction drives the unit rapidly back toward the operator;
- if the blade becomes twisted or misaligned in the cut, the teeth at the back edge of the blade can dig into the top surface of the wood causing the blade to climb out of the kerf and jump back toward the operator.

Kickback is the result of saw misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

- **Maintain a firm grip with both hands on the saw and position your arms to resist kickback forces. Position your body to either side of the blade, but not in line with the blade.** Kickback could cause the saw to jump backwards, but kickback forces can be controlled by the operator, if proper precautions are taken.
- **When blade is binding, or when interrupting a cut for any reason, release the trigger and hold the saw motionless in the material until the blade comes to a complete stop. Never attempt to remove the saw from the work or pull the saw backward while the blade is in motion or kickback may occur.** Investigate and take corrective actions to eliminate the cause of blade binding.
- **When restarting a saw in the workpiece, centre the saw blade in the kerf so that the saw teeth are not engaged into the material.** If a saw blade binds, it may walk up or kickback from the workpiece as the saw is restarted.

- **Support large panels to minimise the risk of blade pinching and kickback.** Large panels tend to sag under their own weight. Supports must be placed under the panel on both sides, near the line of cut and near the edge of the panel.
- **Do not use dull or damaged blades.** Unsharpened or improperly set blades produce narrow kerf causing excessive friction, blade binding and kickback.
- **Blade depth and bevel adjusting locking levers must be tight and secure before making the cut.** If blade adjustment shifts while cutting, it may cause binding and kickback.
- **Use extra caution when sawing into existing walls or other blind areas.** The protruding blade may cut objects that can cause kickback.

4.3 Function of the lower guard

- **Check the lower guard for proper closing before each use. Do not operate the saw if the lower guard does not move freely and close instantly. Never clamp or tie the lower guard into the open position.** If the saw is accidentally dropped, the lower guard may be bent. Raise the lower guard with the pre-feed lever and make sure it moves freely and does not touch the blade or any other part, in all angles and depths of cut.
- **Check the operation of the lower guard spring. If the guard and the spring are not operating properly, they must be serviced before use.** Lower guard may operate sluggishly due to damaged parts, gummy deposits, or a build-up of debris.
- **The lower guard may be retracted manually only for special cuts such as "plunge cuts" and "compound cuts". Raise the lower guard by pre-feed lever and as soon as the blade enters the material, the lower guard must be released.** For all other sawing, the lower guard should operate automatically.
- **Always observe that the lower guard is covering the blade before placing the saw down on bench or floor.** An unprotected, coasting blade will cause the saw to walk backwards, cutting whatever is in its path. Be aware of the time it takes for the blade to stop after switch is released.

4.4 Function of the riving knife/splitter

- **Use the appropriate saw blade for the riving knife.** For the riving knife to function, the body of the blade must be thinner than the riving knife and the cutting width of the blade must be wider than the thickness of the riving knife.
- **Adjust the riving knife as described in this instruction manual.** Incorrect spacing, positioning and alignment can make the riving knife ineffective in preventing kickback.
- **Always use the riving knife except when plunge cutting.** The riving knife must be replaced after plunge cutting. The riving knife causes interference during plunge cutting and can create kickback.
- **For the riving knife to work, it must be engaged in the workpiece.** The riving knife is ineffective in preventing kickback during short cuts.
- **Do not operate the saw if the riving knife is bent** Even a light interference can slow the closing rate of a guard.

5 Specific safety regulations

5.1 Working range

General instructions:

- Children and adolescents must not operate this saw. This rule does not apply to young persons receiving training under expert supervision.
- Ensure that no persons are within the danger zone.
- Never work without the protection devices prescribed for the respective operating sequence and do not make any changes to the saw that could impair safety.
- Always wear your personal protective equipment while working (hearing protection, safety goggles, dust mask, safety footwear).
- Provide a free and non-slip location with adequate lighting.
- Examine the workpiece for foreign objects.
- Only saw into metal parts, e.g. nails, with a suitable saw blade.
- Do not use any cracked and warped saw blades.
- Do not use any blunt saw blades as they cause an excessive load on the motor.
- Do not use any saw blades made of high-alloy high-speed steel (HSS saw blades).

- Do not use any saw blades which are not suitable for the saw blade's idling speed.
- Do not use any grinding disks.
- Use a residual current circuit breaker when using the machine outdoors.
- Immediately replace damaged cables or plugs. Replacement may only be carried out by MAFELL or an authorised MAFELL service workshop in order to avoid safety hazards.
- Avoid sharp bends in the cable.
- Remove the rechargeable batteries from the machine before carrying out any setting, retooling, maintenance or cleaning tasks.
- Remove the rechargeable batteries when the machine is put down, transported or stored without supervision.
- Ensure that the saw is switched off when you inserting the rechargeable battery.

5.2 Instructions on service and maintenance

- Clean the saw regularly, in particular the adjusting devices and guides. This is an important safety factor.
- Pay attention during transport and storage that the cable does not wind around the machine and avoid sharp bends in the cable.
- Risk of injury when changing the saw blade! Wear protective gloves when you change the saw blade and proceed with caution. You can get injured when you touch the sharp teeth of the saw blade.
- Only use original MAFELL spare parts and accessories. Otherwise, the manufacturer will not accept any warranty claims and cannot be held liable.

5.3 Note on rechargeable batteries

- Protect the machine and the rechargeable batteries from humidity!
- Do not throw the rechargeable batteries into a fire!
- Do not use any defective or deformed rechargeable batteries!
- Do not open the rechargeable batteries!
- Do not touch the contacts of the rechargeable batteries and do not short-circuit them!
- A slightly acidic, combustible liquid may leak from defective li-ion rechargeable batteries! If any battery liquid is leaking and comes in contact with the skin, immediately rinse with a copious amount of water. If any battery liquid gets into your eyes, rinse with clean water and immediately consult a doctor for medical treatment!

6 Layout

6.1 Depicted components

(see Fig. 1-5)

- | | |
|------|------------------------------------------|
| (1) | Pre-feed lever |
| (2) | Push-button |
| (3) | Hose connector |
| (4) | Screw |
| (5) | Hexagon screwdriver |
| (6) | Plunge lever |
| (7) | Switch lock |
| (8) | Shift lever |
| (9) | Wing screws |
| (10) | Clamping lever |
| (11) | Push-button |
| (12) | Front clamping flange |
| (13) | Scale |
| (14) | Clamping screw |
| (15) | Riving knife/splitter |
| (16) | Stop bar |
| (17) | Parallel guide fence |
| (18) | Flange screw |
| (19) | Locking lever |
| (20) | Setting wheel |
| (21) | Unlocking mechanism rechargeable battery |
| (22) | Rechargeable battery |
| (23) | Light module |

7 Setting / adjustment

7.1 Charging the rechargeable battery

Check whether the rated voltage of the rechargeable battery agrees with the information specified on the machine.

Rechargeable battery and charger are matched to each other. Only use original Mafell / CAS rechargeable batteries and chargers.

Before using a new machine, first of all charge the rechargeable battery.



The charging operation is described in the instructions supplied with the charger.

The rechargeable battery is equipped with a temperature monitoring system. This guarantees that the rechargeable battery is only charged in the temperature range between 0°C and 50°C. This achieves a long service life for the rechargeable battery.

A considerably shortened operating time per charging procedure indicates that the rechargeable battery is spent and needs to be replaced.



Danger **Explosion hazard**

Protect the rechargeable battery from heat, fire and moisture.

Do not place the rechargeable battery onto heating appliances and do not expose the rechargeable battery to strong solar radiation for a longer period of time. Temperatures above 50°C are detrimental to the rechargeable battery. Allow a heated rechargeable battery to cool down before charging it.

The optimum storage temperature ranges between 10°C and 30°C.



Do not open the rechargeable battery and protect it from impacts. Keep the rechargeable battery in a dry and frost-proof place.



Danger

Cover the rechargeable battery's contacts if it is stored outside the charger. There is a fire and explosion hazard in case of a short circuit caused by metallic bridging.



Follow the instructions for the protection of the environment.

7.2 Fitting the rechargeable battery

Before inserting, check whether the rated voltage of the rechargeable battery agrees with the information specified on the machine.



Danger

There is an explosion hazard if the rechargeable battery is replaced incorrectly. Only replace the rechargeable battery with the same or equivalent type.

Slide the two rechargeable batteries one after the other into the two battery guides - next to the handle and at the rear of the handle - until the rechargeable batteries perceptibly engage.



Before using the machine, convince yourself that the rechargeable batteries are firmly seated in the machine.

7.3 Removing the rechargeable battery

Unlock the rechargeable batteries one after the other by pressing push button 21 (Fig. 5) and pull them out.



Do not use force to do so.

7.4 Chip extraction



Danger

Substances that are harmful to health must be taken up with an M-suction device.

Connect the machine to a suitable external dust extractor during all work generating a considerable amount of dust. The air velocity must be at least 20 m/s (65.6 ft / sec.).

The internal diameter of hose connector 3 (Fig. 1) is 35 mm (1 3/8 in.).

7.5 Saw blade selection

Use a sharp tool to obtain a good cut quality and select a tool from the following list according to material and application:

For cuts along and across the grain in soft and hard wood:

- Saw blade KSB-WU280 GT, circular saw blade carbide Ø 280 x 2.8 x 30 mm, 28 teeth

For cuts especially along the grain in soft and hard wood:

- Saw blade KSB-WL280 GT, circular saw blade carbide Ø 280 x 2.8 x 30 mm, 15 teeth

For cuts especially across the grain in soft and hard wood:

- Saw blade KSB-WF280 GT, circular saw blade carbide Ø 280 x 2.8 x 30 mm, 56 teeth

Cutting of wood fibre insulation materials:

- Saw blade KSB-WF280 GT, circular saw blade carbide Ø 280 x 2.8 x 30 mm, 56 teeth

Cutting of synthetic materials (polystyrene):

- Saw blade KSB-WU280 GT, circular saw blade carbide Ø 280 x 2.8 x 30 mm, 28 teeth

Cutting of sandwich panels with cores made of polyurethane/polyisocyanurate foam (PUR/PIR):

- Saw blade KSB-SP280, circular saw blade carbide Ø 280 x 2.6 x 30 mm, 52 teeth

7.6 Saw blade change



Danger

Unplug the rechargeable battery for all service work.

Risk of injury even if the saw wire is standing still. Wear protective gloves!

- Press the push-button 2 (Fig. 2) and pull the locking lever 19 upwards. Now the saw shaft is locked in position and the gearshift lever locked. You can lock the retractable saw guard in an open position with the aid of the pre-feed lever 1 (Fig. 2) or manually to make the tool change easier.
- Using the Allen key 5 (bracket Fig. 2), release the flange screw 18 (Fig. 3) **counter clockwise**. Now remove both the screw and the front clamping flange 12.
- You can now remove the saw blade.
- The clamping flanges must be free of adhering parts.
- Pay attention to the sense of rotation when inserting the saw blade.
- Afterwards, push on the clamping flange, apply the flange screw and tighten it by turning it **clockwise**.
- Close the retractable saw guard. To do so, press the locking lever 19 (Fig. 2) downwards.

7.7 Riving knife/splitter



Danger

Unplug the rechargeable battery for all service work.

The riving knife/splitter 15 (Fig. 3) prevents the saw blade from jamming during longitudinal cutting. The riving knife/splitter swings up and away when the blade enters the workpiece. As soon as the slit behind the saw blade is cleared during the forward motion of the machine, the riving knife/splitter reverts to its normal position. The correct distance to the saw blade is shown in (Fig. 4).

- For adjustment purposes, release the screw 4 (Fig. 3) with the Allen key 5 that is included in the supply (Fig. 2)

- Adjust the riving knife/splitter by moving it in its longitudinal groove and retighten the screw afterwards.



Due to the riving knife/splitter (flipping wedge) which is under spring tension it is possible to dispense with the previously necessary mounting and dismounting of the riving knife/splitter to be able to execute plunge cuts at all.

8 Operation



During operation and given corresponding conditions - in particular if the air is dry, or if materials such as coated board materials are used and there is no anti-static suction hose - electrostatic discharges via the operator can occur. The electronic system's protective function is activated and the machine goes into a safe state. The machine switches off automatically.

8.1 Putting into operation

Personnel entrusted to work with the machine must be made aware of the operating instructions, calling particular attention to the chapter "Safety instructions".

8.2 Switching on and off

- **Switching on:** Press the switch-on lock 7 (Fig. 2) forward to unlock it. Then, with the switch-on lock depressed, press shift lever 8.

As this is a switch without locking device, the machine will only run for as long as this shift lever is pressed.

The built-in electronic system provides for jerk-free acceleration when the machine is switched on and under load readjusts the speed to the fixed setting.

In addition, this electronic system adjusts the motor down in case of overload, i.e. the saw blade will stop. Switch the machine off then. Then switch the machine on again and continue sawing at a reduced feed speed.

Warming of the machine leads to faster overload shutdown.

The setting wheel 20 (Fig. 2) can be used to adjust the saw blade speed in a continuously variable manner between 2800 and 5200 rpm.



A suitable setting of the speed prevents the saw teeth from overheating and extends the life time of the saw blades.

Please refer to the details below for the appropriate setting of the saw blade speed for your intended use and material.

Level	Speed rpm
1	2800
2	3250
3	3700
4	4100
5	4750
6	5200

Material groups

- Hardwood, softwood, plywood
 - Level: 4 - 6
- Coated panel materials
 - Level: 4 - 6
- Soft fibre
 - Level: 6
- Sandwich panels
 - Level: 4
- Plastic (polystyrene)
 - Level: 1 - 2



The instructions for cutting wood can also be used for cutting structural plastic materials. When cutting plastic materials, always make a test cut to determine whether the saw will cause the material to melt. If required, adapt the cutting speed and/or the feed rate and/or the saw blade to minimise/avoid melting.

- **Switching off:** To switch off, release the shift lever 8. The built-in automatic brake limits the saw blade slowing time to approx. 5 s. The switch-on lock automatically takes effect again and secures the portable circular saw against accidental switch-on.

8.3 Light

The power tool is equipped with a light module 23 (Fig. 3).

The light module is supplied with power for a certain period of time as soon as the machine is switched on, and is then ready for operation.

If the machine is at a standstill for a longer period of time, the light switches off automatically.

8.4 Cutting depth adjustment

The cutting depth is continuously variable between 0 and 110 mm.

Proceed as follows:

- Press the push-button 11 (Fig. 1) and adjust the cutting depth with the plunge lever 6.
- The cutting depth can be read off scale 13 on the cover. The surface of plunge lever 6 with the red background serves as indicator.



Always set the cutting depth approx. 2 to 5 mm (5/64 to 13/64 in.) larger than the material thickness to be cut.

8.5 Setting for bevel cuts

For bevel cuts, the saw unit can be set to any angle between 0 °and 60°.

- In order to incline it, bring the machine into home position and support it such that it is possible to tilt the saw unit.
- Unfasten the wing nut 10 (Fig. 2)
- Adjust the angle according to the scale on the segment for tilting.
- Afterwards, tighten the wing bolt 10.

8.6 Plunge cuts



Danger

Risk of backlash during plunge cuts! Prior to plunging, place the machine with the rear edge of its base plate against a limit stop fastened on the workpiece. Keep a firm hold on the machine handle during plunging and push the saw lightly forward!

- Press the push-button 11 (Fig. 1) and put the machine in the topmost position with plunge lever 6.
- Completely open the retractable saw guard with the pre-feed lever 1 (Fig. 2), so that the machine can be placed onto the workpiece to be processed. The saw blade is now freely suspended above the material and can be aligned with the marking.
- Switch on the machine and press the plunge lever 6 (Fig. 1) downwards. This causes the saw blade to plunge vertically into the workpiece. The plunging depth can be read from scale 13. The riving knife/splitter swings up and away during the plunging process. As soon as the slit behind the saw blade is cleared during the forward motion of the machine, the riving knife/splitter reverts to its normal position. Due to the riving knife/splitter (flipping wedge) which is under spring tension it is possible to dispense with the previously necessary mounting and dismantling of the riving knife/splitter to be able to execute plunge cuts at all.



In case of repetitive plunge cuts of the same depth, the plunging depth can be preset.

Proceed as follows:

- Set the machine to the desired cutting depth.
- Open the clamping screw 14 (Fig. 2) and set the stop bar 16 downwards up to the limit stop.
- Retighten the clamping screw. After completion of the plunge work, set the stop bar into the top position.

8.7 Sawing according to tracings

The pivoting part is equipped with a tracing edge for 0° - 60°. This tracing edge corresponds to the saw blade's inside. For bevel cuts, the tracing can be viewed through the opening below the plunge lever 6.

- Hold the machine by its handles and place the front part of its base plate onto the workpiece.
- Switch on the portable circular saw (see chapter 8.2) and slide the machine evenly forward in the direction of the cut.
- When the cut is completed, switch off the saw by releasing the switch trigger 8 (Fig. 2)

8.8 Sawing with the parallel stop

The parallel stop 17 (Fig. 2) serves to cut parallel to an already existing edge. The limit stop can be attached to the left or right of the machine. The cutting range on the right-hand side amounts to 49 - 200 mm (1 59/64 – 7 7/8 in.) and on the left-hand side to 195 - 405 mm (7 43/64 – 15 15/16 in.). In the range 195 – 260 mm (7 43/64 – 10 15/64 in.), the machine must be set approx. 10 mm (25/64 in.) to the top, so that the machine can be pushed under the motor casing.

- You can adjust the cutting width after releasing the wing screws 9 (Fig. 2) by moving the limit stop accordingly and afterwards retightening the wing screws.

In addition, by simply turning it around (guide face for the workpiece edge points upwards), the parallel stop can also be used as double support to improve guidance of the portable circular saw. Now the machine can be guided along a lath that is fastened on the workpiece.

8.9 Working with the roller edge guide

The roller edge guide serves to work parallel to an already existing edge. The limit stop can be attached to the left or right of the machine. The cutting range on the right-hand side amounts to approx. 14 - 48 mm (35/64 – 1 57/64 in.) and on the left-hand side to approx. 40 – 280 mm (1 37/64 – 11 15/64 in.).

- You can adjust the cutting width after releasing the wing screws 9 (Fig. 2) by moving the limit stop accordingly and afterwards retightening the wing screws.

8.10 Sawing of sandwich panels



Danger

Chips from sandwich panels consisting of steel/metal chips and plastic foam dust create an increased risk of deposits in problematic areas of the machine.

Thoroughly clean the machine after performing such work and check the functioning of the safety devices, e. g. the closing motion of the mobile lower guard.

Sandwich panels must be processed with a saw blade in accordance with chapter 7.5.

It is possible to process sandwich panels for inside and outside walls, ceilings and roofs up to a thickness of 100 mm, with top surfaces made of sheet steel / aluminium with a thickness of 0.4 – 0.8 mm and a core made of polyurethane/polyisocyanurate foam.

The following contours can be sawed: Line, microwave, microline, groove, microgroove, smooth, trapezoid.

9 Service and maintenance



Danger

Unplug the rechargeable battery for all service work.

MAFELL machines are designed to be low in maintenance.

The ball bearings used are greased for life. When the machine has been in operation for a longer period of time, we recommend to hand the machine in at an authorised MAFELL customer service shop for inspection.

Only use our special grease, order No. 049040 (1 kg tin) for all greasing points.

9.1 Storage

Clean the machine thoroughly if the machine is not used for a longer period of time. Spray blank metal parts with a rust-proofing agent.

9.2 Transport

The included Li-ion rechargeable batteries are subject to the requirements of dangerous goods legislation. The rechargeable batteries can be transported by the user on the road without any further requirements.

For the dispatch by third parties (e.g.: air transport or forwarding agent), special requirements for packaging and labelling must be observed. In this case, a dangerous goods expert must be consulted when preparing the package.

Only dispatch rechargeable batteries if their housing is undamaged. Tape open contacts and pack the rechargeable battery so that it does not move in the packaging.

Please also observe any further national regulations.

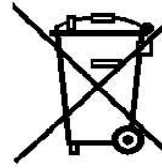
9.3 Disposal of rechargeable batteries/batteries



Electrical tools, rechargeable batteries, accessories and packaging should be recycled in an environmentally friendly manner.

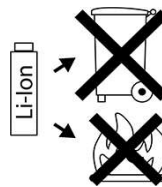
Do not dispose of electrical tools together with domestic waste!

For EU countries only:



According to the European Directive 2012/19/EC, power tools that are no longer serviceable, and according to the Battery Regulation (EU) 2023/1542, defective or used rechargeable batteries/batteries must be collected separately and recycled in an environmentally sound manner.

Rechargeable batteries/batteries:



Li-ion:

Please comply with the information in Section "Transport", page 35.

Subject to changes.

10 Troubleshooting



Danger

Determining the causes for existing defects and eliminating these always requires increased attention and caution. Unplug the rechargeable battery beforehand!

Some of the most frequent defects and their causes are listed in the following chart. In case of other defects, please contact your dealer or the MAFELL customer service directly.

Defect	Cause	Elimination
Machine cannot be switched on	Discharge the rechargeable battery	Charge the rechargeable battery
	Rechargeable battery not engaged in end position	Allow rechargeable battery to engage completely
	The second rechargeable battery is missing	Insert both rechargeable batteries correctly and ensure they are properly seated
Rechargeable battery almost empty, an LED on the rechargeable battery is flashing.	Electronic system protects the rechargeable battery from deep discharge.	To check its state of charge, press the button on the rechargeable battery. If only one LED is still glowing, recharge the rechargeable battery.

Defect	Cause	Elimination
Overload, machine switches off.	A sustained load has overheated the machine or the rechargeable battery. A warning signal is sounded (beep tone). As long as the machine or the rechargeable battery have not cooled down, every further attempt to switch on the machine will result in another beep tone.	Allow the machine and the rechargeable battery to cool down. The rechargeable battery can be cooled down much faster with a charger with air cooling. The machine can also be cooled down much faster by using a different rechargeable battery and idling the machine.
The machine switches off at a sudden increase in load.	The sudden increase in load also causes the current that is required for the machine to rise. A warning signal is sounded (beep tone). This rise in current, which occurs when there is a sudden blockage or backlash, is measured and then leads to the machine being switched off.	Switch off the machine by releasing the switch trigger. Afterwards, you can switch the machine back on again and resume work as normal. Try to avoid further blockages.
The machine switches off during operation	Electrostatic charge. The electronic system's protective function is activated and the machine goes into a safe state. The machine switches off.	Use an anti-static suction hose
Saw blade jams as the machine is advanced	Feed rate too fast	Reduce feed speed
	Blunt saw blade	Release the switch immediately. Remove the machine from the workpiece and replace the saw blade
	Tension in the workpiece	Heightened caution during sawing, risk of backlash increases.
	Poor machine guidance	Use parallel guide fence
	Uneven workpiece surface	Straighten the surface
Saw blade vibrates in the work piece	Saw blade not correctly adjusted	Retighten saw blade
	Work piece not fastened	Fasten work piece with clamps
Saw blade stops - motor continues to turn	Saw blade not correctly fastened	Retighten saw blade
Burn marks on the cut surfaces	The saw blade used is unsuitable for the task or blunt	Replace saw blade

Defect	Cause	Elimination
Chip ejection blocked	Wood is too damp	Clean chip ejection
	Extended cutting operation without extraction	Connect machine to an external extraction, e.g. portable dust extractor
Lower mobile protective cover does not close or closes only slowly	Chips and pieces of wood in the bottom mobile protective cover	Remove chips and pieces of wood
Sudden smoke emission from the motor casing	Overload of the machine's electronic system	Interrupt the power supply by removing the battery pack. The smoke emission stops. Do not insert a rechargeable battery! Avoid inhaling the smoke!
Plastic melts during sawing	Blunt or incorrect saw blade, cutting speed and / or feed rate too high	Replace saw blade Reduce cutting speed and / or feed rate
Saw tooth tips overheated	Blunt or incorrect saw blade, cutting speed and / or feed rate too high	Replace saw blade Reduce cutting speed and / or feed rate

11 Optional accessories

- Rechargeable battery PowerTank 18 M 72 LiHD Order No. 094500
- Rechargeable battery PowerTank 18 M 72 LiHDX Order No. 094523
- Rechargeable battery PowerTank 18 M 99 LiHD Order No. 094503
- Rechargeable battery PowerTank 18 M 144 LiHD Order No. 094498
- Rechargeable battery PowerTank 18 M 144 LiHDX Order No. 094520
- Rechargeable power station APS M Order No. 094492
- Rechargeable power station APS M+ Order No. 094509
- Rechargeable PowerStation APS M+ - GB Order No. 094511

Further information on optional accessories can be found on our homepage: www.mafell.com

12 Exploded drawing and spare parts list

The corresponding information in respect of spare parts can be found on our homepage: www.mafell.com

GARANTIE

Gegen Vorlage der Garantieunterlage (Original-Kaufbeleg) werden innerhalb der jeweils gültigen Gewährleistungsregelungen kostenlos alle Reparaturen ausgeführt, die nach unseren Feststellungen wegen Material-, Bearbeitungs- und Montagefehlern erforderlich sind. Verbrauchs- und Verschleißteile sind hiervon ausgeschlossen. Hierzu muss die Maschine bzw. das Gerät frachtfrei an das Werk oder an eine MAFELL-Kundendienststelle geschickt werden. Vermeiden Sie, die Reparatur selbst zu versuchen, da dadurch der Garantieanspruch erlischt. Für Schäden, die durch unsachgemäße Behandlung oder durch normalen Verschleiß entstanden sind, wird keine Haftung übernommen.

WARRANTY

Upon presentation of the warranty document (original invoice), we will carry out all repairs free of charge in accordance with the applicable warranty provisions, processing and mounting faults free of charge on presentation of this properly filled-in Guarantee Certificate and your original receipt. This is not valid for consumables and wearing parts. For this purpose, the machine or the appliance is to be forwarded freight paid to our plant or to an authorized MAFELL repair service. Refrain from trying to carry out the repairs yourself as otherwise your warranty claim will become extinct. We do not accept any liability for any damage resulting from improper handling or normal wear.

GARANTIE

Sur présentation de cette carte de garantie, dûment remplie par votre fournisseur et accompagnée de l'original de la pièce justifiant l'achat, nous effectuerons gratuitement toutes les réparations faisant l'objet d'un recours en garantie pendant la période indiquée, de la construction ou de la fabrication, à l'exclusion des pièces de consommation et d'usure. La machine ou l'appareil doit être pour cela expédié franco de port à notre usine ou à un atelier de service après-vente MAFELL. Évitez de procéder vous-mêmes à toute réparation, ceci périmant tout recours en garantie par la suite. Nous déclinons toute responsabilité en cas de dommages découlant d'une manipulation non conforme ou d'une usure normale.

GARANZIA

Dietro presentazione del presente certificato di garanzia, regolarmente compilato, insieme alla ricevuta originale, vengono eseguite gratuitamente tutte le riparazioni necessarie riscontrate dai nostri accertamenti, entro il periodo di garanzia vigente, dovuti a difetti di materiale, di lavorazione o di montaggio. Da ciò sono esclusi pezzi di consumo e pezzi soggetti ad usura. A questo scopo la macchina ovvero l'apparecchio (elettrico) va spedito franco di porto allo stabilimento oppure a d un punto di assistenza clienti della MAFELL. Evitate di tentare Voi stessi di effettuare la riparazione, altrimenti il diritto di garanzia viene revocato. Non ci assumiamo alcuna responsabilità per danni derivanti da trattamento non conforme o da normale usura.

GARANTIE

Tegen vertoon van dit reglementair ingevuld garantie-bewijs, samen met het originele koopbewijs worden binnen de telkens geldige garantieregelingen gratis alle reparaties uitgevoerd, die volgens onze constateringen op grond van materiaal-, bewerkings- en montagefouten vereist zijn. Verbruik- en slijtgedelen zijn hiervan uitgesloten. Hiervoor moet de machine resp. het apparaat vrachtvrij naar de fabriek of naar een MAFELL-klantenservice worden gestuurd. Vermijdt u het de reparatie zelf uit te voeren, omdat daardoor de garantieclaim vervalt. Voor schade die door ondeskundige behandeling of door normale slijtage is ontstaan, wordt geen aansprakelijkheid aanvaardt.

GARANTÍA

Presentando este documento de garantía (recibo original de compra), todas las reparaciones necesarias por defectos de material, errores de mecanizado o faltas de montaje en el marco de las reglamentaciones de la garantía concedida por parte del fabricante se efectuarán libre de gastos. Se excluyen sin embargo piezas fungibles o de desgaste. Para ello, entregue a porte pagado la máquina o el equipo a las fábricas del fabricante o a uno de los puntos de asistencia técnica de MAFELL. No realice nunca las tareas de reparación a cuenta propia. De lo contrario, caducará el derecho a garantía. No se asumirá responsabilidad alguna por los daños que se desprendan del uso inapropiado ni por el desgaste en el uso diario.

TAKUU

Tätä takuukuuttia (alkuperäinen ostokuutti) vastaan suoritetaan voimassa olevan takuujan sisällä maksutta kaikki korjaukset, jotka olemme todenneet tarpeellisiksi materiaali-, valmistus- ja asennusvirheistä johtuen. Käyttö- ja kuluvat osat ei kuulu takuupiiriin. Korjausta varten kone tai laite on lähetettävä asianmukaisesti postitettuna joko tehtaalle tai johonkin MAFELL-asiakaspalveluun. Älä yritä korjata konetta itse, koska siinä tapauksessa takuu sammuu. Takuu ei vastaa vahingoista, jotka johtuvat asiaankuulumattomasta käytöstä tai normaalista kulumisesta.

GARANTI

Mot uppvisande av kvitto utförs kostnadsfritt, under giltiga garantiåtaganden, alla reparationer som efter fastställande från vår sida kan härledas till material-, bearbetnings- eller monteringsfel. Förbruknings- och förslitningsdelar undantagna. Maskinen eller verktyget måste skickas fraktfritt till fabrik eller till MAFELLkundservice. Undvik att själv försöka utföra reparationen då detta leder till att garantianspråk förfaller. För skador som uppkommer på grund av felaktig behandling eller normalt slitage övertas inget ansvar.

GARANTI

Mod fremlæggelse af garantibeviset (original kvittering) ydes der gratis reparation af materiale-, fremstillings- og monteringsfejl, i henhold til de gældende garantibetingelser. Forbrugs- og sliddele udelukkes fra denne garanti. Hertil sendes maskinen/apparatet fragtfrit til producenten eller et Mafell-kundeserviceværksted. Hvis kunden selv forsøger at reparere maskinen, bortfalder garantien. Der overtages intet ansvar for beskadigelser, der opstår pga. uhensigtsmæssig brug eller normal slitage.

Гарантия

При предъявлении документации на гарантию (оригинальная квитанция) в соответствии с правилами о предоставлении гарантии мы бесплатно произведем все необходимые ремонты, которые по нашему определению необходимы в связи с дефектом материала, обработки и сборки. Это не относится к расходным материалам и изнашиваемым деталям. Для этого машина или устройство должно быть франко-фрахт отправлено на завод или мастерскую обслуживания клиентов фирмы MAFELL. Избегайте попыток самостоятельного ремонта, поскольку в этом случае гарантия аннулируется. Мы не несем ответственности на вред, причиненный в результате неправильного обращения или естественного износа.

GWARANCJA

Po przedstawieniu gwarancji (oryginału dowodu zakupu) wykonane zostaną w ramach terminu gwarancji wszelkiego rodzaju naprawy, które według naszej oceny są konieczne z powodu błędów materiałowych oraz błędów przy obróbce i montażu. Nie dotyczy to części zamienne i zużywalne. Prosimy o przesłanie maszyny wzgl. urządzenia na nasz koszt do zakładu lub serwisu MAFELL. Unikać dokonywania samodzielnych napraw, gdyż powoduje to utratę roszczeń gwarancyjnych. Nie przejmujemy odpowiedzialności za szkody powstałe w wyniku niefachowej obsługi lub normalnego zużycia.

ZÁRUKA

Po předložení záručních podkladů (originální doklad o koupi) budou provedeny v rámci aktuálně platných pravidel pro poskytování záruky provedeny všechny opravy, které jsou podle našich zjištění požadovány z hlediska vad materiálu, zpracování a montáže. Díly podléhající používání a opotřebení jsou z tohoto vyjmuty. Navíc k tomu musí být stroj, případně přístroj zaslán vyplaceně do závodu nebo zákaznického servisu MAFELL. Nezkoušejte stroj opravovat sami, protože tím zaniká nárok na záruku. Záruky se nevztahují na škody vzniklé neodbornou manipulací nebo na ty, které vznikly v důsledku normálního opotřebování.

GARANCIJA

Ob priložitvi garancijske dokumentacije (originalni nakupni račun) bodo v okviru veljavnih garancijskih pogojev brezplačno opravljena vsa popravila, ki so po naši oceni potrebna zaradi napak v materialu, obdelavi in montaži. Porabni in obrabni deli so izvzeti iz tega določila. V ta namen morate stroj oz. napravo prosto voznine poslati v tovarno ali v pooblaščen MAFELL servisno delavnico. Popravitel ne skušajte opravljati samostojno, saj s tem ugasne pravica do garancije. Za škodo, ki nastane zaradi nestrokovnega ravnanja ali zaradi normalne obrabe, ne prevzemamo odgovornosti.

ZÁRUKA

Po predložení záručného listu (originálneho dokladu o kúpe) budú všetky opravy, ktoré určíme ako nevyhnutné z dôvodu chýb materiálu, spracovania a montáže, vykonané bezplatne v rámci platných záručných predpisov. Spotrebné diely a diely podliehajúce opotrebeniu sú z toho vylúčené. K tomu sa musí zaslať stroj alebo prístroj bez dopravného do podniku alebo zákaznickeho servisu MAFELL. Vyhnite sa pokusom o samostatnú opravu, pretože tým stratíte nárok na záruku. Za škody spôsobené neodbornou manipuláciou alebo bežným opotrebovaním nepreberáme žiadnu zodpovednosť.



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