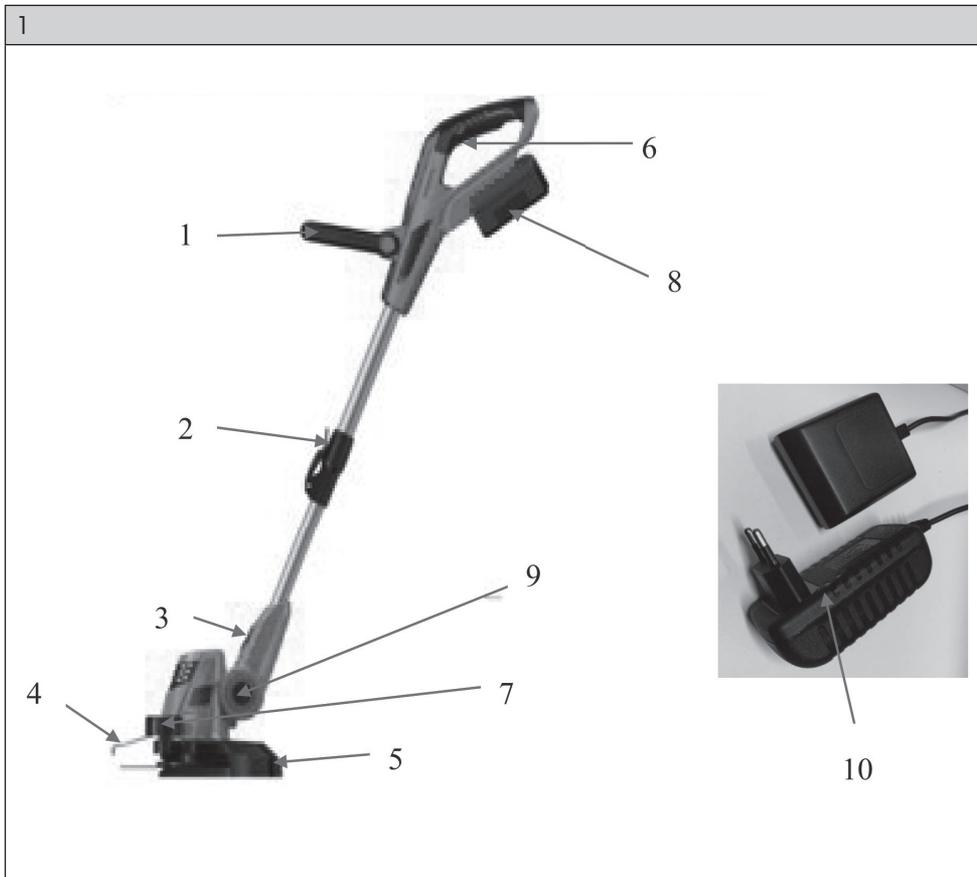


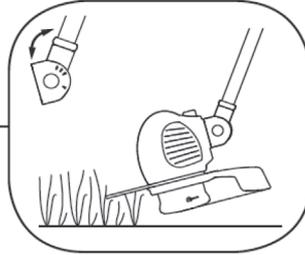


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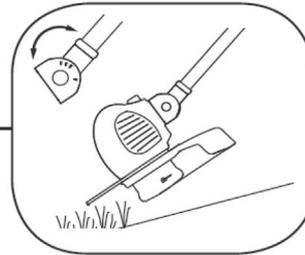
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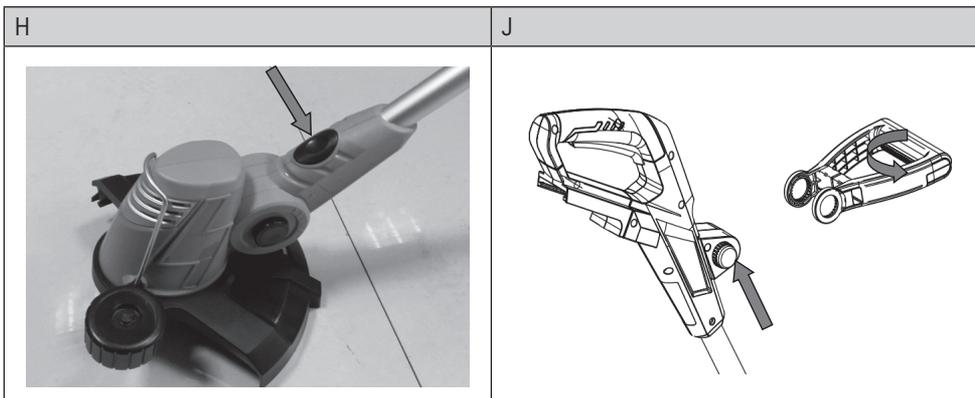
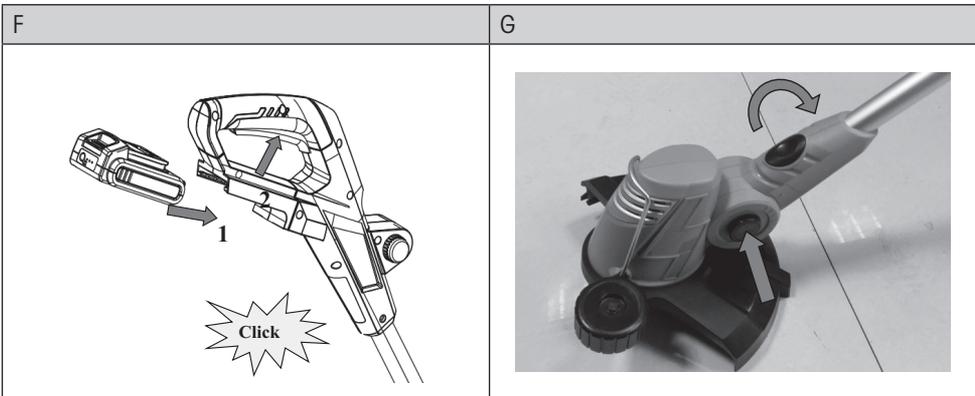
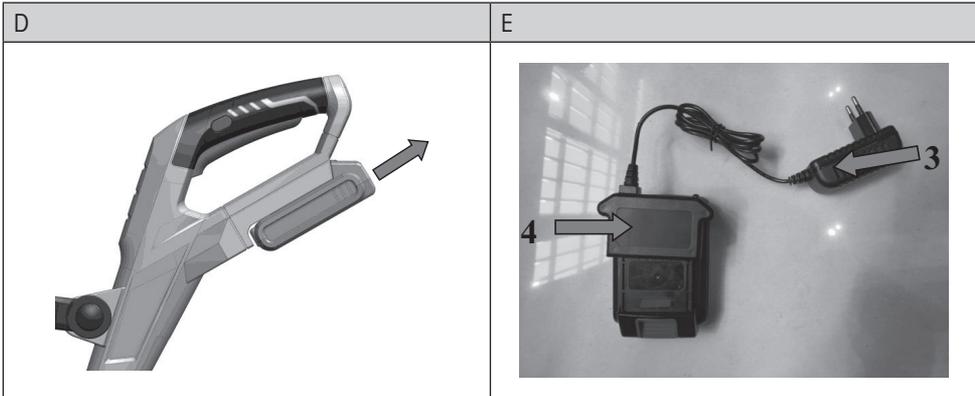


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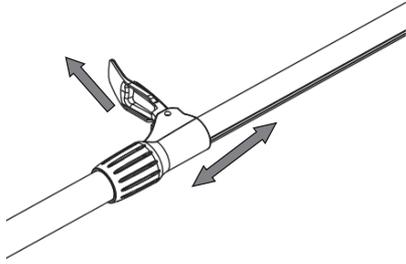


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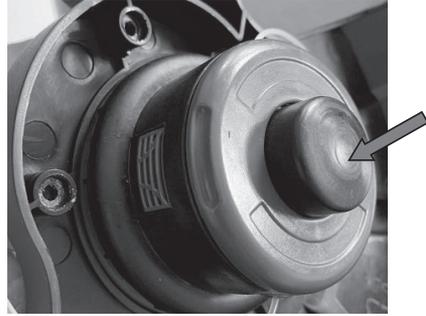




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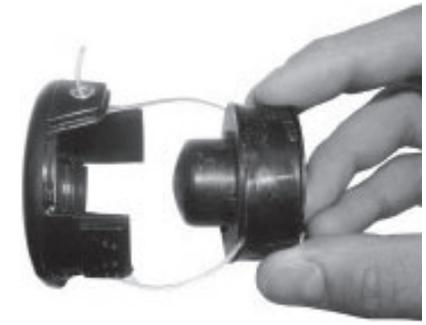
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P



Cordless Grass Trimmer

USER'S MANUAL

Thank you for purchasing this garden cordless grass trimmer. Before you start using it, please read this user manual carefully and save it for future use.

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1. GENERAL SAFETY REGULATIONS

Important safety notice

- ✿ Carefully unpack the product and take care not to throw away any part of the packaging until all the product parts have been identified.
- ✿ Store the trimmer in a dry place out of reach of children.
- ✿ Read all warnings and instructions. Failure to comply with the warnings and instructions may lead to electric shock, fire and/or serious injuries.

Packaging

The product's packaging prevents damage during transport. This packaging is a resource and can be recycled.

User manual

Before you start working with your grass trimmer, read the following safety and usage instructions. Get familiar with the controls and correct use of the equipment. Keep the User manual in a safe place where it can be easily found for future use. Save the original packaging, including the internal packing material, guarantee card and proof of purchase receipt for at least the time of the guarantee.

If you need to ship this machine, pack it in the original cardboard box to ensure maximum protection during shipping or transport (e.g. when moving or when you need to send this product for repair).

-  **NOTE:** If you hand over the appliance to somebody else, do so together with this user's manual. Following the instructions in the included user's manual is a prerequisite for the proper use of the trimmer. The user's manual also contains operating, maintenance, and repair instructions.

The manufacturer assumes no responsibility for accidents or damages arising from failure to comply with these instructions.

2. SYMBOLS



Read the Instruction Manual attentively prior to use.



Protect the tool from the damp and never expose it to rain!



Use eyes protective equipment



Use ears protective equipment



Keep other persons in distance!

WARNING! When operating the device, take care that no other persons are nearby (safe distance: 5m). This is particularly valid for children and animals.



Risk of injury when instructions are not followed.



Danger of injury!

Beware of hurled-away objects.
Keep bystanders away.



Guaranteed sound power level L_{Wd} 86 dB (A)



Do not burn



Do not expose to rain or water



The battery can be stored and charged at temperatures between 10°C and 50°C.



Only re-charge the battery pack indoors.

3. DESCRIPTION OF THE MACHINE AND CONTENTS

Machine description (see fig. 1)

1. Front handle
2. Locking buckle
3. Setting vertical section
4. Steel wire
5. Plant hoop guard
6. On-/Off-switch
7. Guide wheel
8. Battery pack (included in the package)
9. Handle angle adjustment
10. Battery charger (included in the package)



4. OPERATING INSTRUCTIONS

Operation

- ✿ This product must not be used by children and persons with physical or mental impairments or by inexperienced persons, unless properly trained or schooled in the safe use of the product, or unless they have been properly supervised by a qualified person who will be responsible for their safety.
- ✿ Never use your garden trimmer if you are in close vicinity to other people, children or freely moving home pets.
- ✿ Use extra care if the product is used near children. Always keep the product out of reach of children. Children must be supervised to ensure that they do not play with the product.
- ✿ Never allow children or persons who do not know the contents of this user's manual to work with the device. Local regulations may set the minimum age of the user. The user is responsible for damages caused to third parties in the grass trimmer's working area as a result of its use.
- ✿ Do not use the machine if you are tired, under the influence of alcohol or narcotics.

Purpose of use

The string grass trimmer is designed only to mow grass. Do not use the product for purposes other than those intended. The string trimmer is suitable for use in private gardens. The charger is designed to charge batteries supplied with this machine. Do not use it to charge other batteries.

Use the right kind of tool

- ✿ This user's manual describes the designated use of tools. Do not overload small tools or accessories for work, where high performance tools are necessary. The tool will work better and more safely during work for which it is designed. When using any accessories or additions or when performing any kind of work, which is not recommended by this user's manual, there may be a risk of injury to persons. Do not overload the tool.
- ✿ Prevent the situation where the tool is turned on accidentally. Do not carry the tool with the finger on the start/stop trigger.
- ✿ Never pull on the power cord when disconnecting power plug from the power socket. Do not lead the power cord over greasy and hot surfaces and make sure that it does not go over sharp edges.

5. SAFETY INSTRUCTIONS

⚠ ATTENTION! Before you start working with your cordless string grass trimmer, read the following safety and usage instructions. Get familiar with the controls and correct use of the equipment. Keep the User manual in a safe place where it can be easily found for future use.

Safety Instruction for your new trimmer

- ✿ Wear protective glasses designed for working with a machine.
- ✿ Wear safety gloves designed for working with a machine.
- ✿ Do not expose the machine to rain or moisture.
- ✿ Get acquainted with operation and correct use of your string trimmer.
- ✿ Do not allow children to operate the trimmer. All persons working with the grass trimmer must well acquainted with the user's manual.
- ✿ Keep other persons (mainly children) and animals out of the trimmer's reach as the cut grass may contain stones or debris. Stop the trimmer if there are children, adults or animals in the vicinity.
- ✿ Keep other persons (particularly children) and animals out of range, at least 15 m from the working area.
- ✿ Work only in sufficient light.
- ✿ Before each use or after a strike, please check for any signs of damage and repair as needed. Do not use the string grass trimmer if damaged or the security is not guaranteed.
- ✿ On regular basis and before each use, please check the trimmer condition (mainly if all screws and nuts are tightened and the safety cover is attached). If the trimmer is not in good condition, it's cannot be used safely.
- ✿ The protective cover must be attached at all times during trimming.
- ✿ Do not use the trimmer if the cover is damaged.
- ✿ Prior to starting the string trimmer, make sure that the nylon cutting edge is not touching the ground, stones or other items.
- ✿ Keep your hands and feet sufficiently apart from the rotating string, mainly after starting the motor.
- ✿ Protect yourself from injuries that may be caused by the rotating string that may be turning for a while after the machine is turned off. After prolonging the string, always return your trimmer to its original working position.
- ✿ Do not use metallic mowing parts for grass trimming.
- ✿ Always use only original spare parts.
- ✿ Disconnect the battery before maintenance or cleaning or if you don't use your trimmer.
- ✿ Always make sure that the ventilation openings are clean.
- ✿ Prevent the trimmer from being started at random. Never carry the trimmer with your finger on the trigger.
- ✿ When operating the trimmer, make sure it's in a safe and stable position.
- ✿ Before starting the trimmer, check the work area and remove wires, stones, debris etc.
- ✿ Do not trim against solid objects. This could lead to injury or damage to the grass trimmer.

⚠ ATTENTION! Mowing parts rotate even after the trimmer is turned off.

- ✿ Do not attempt to stop the string (nylon) with your hand! Let the string run out on its own.

- ✿ Do not use the trimmer to cut grass that doesn't contact the ground such as grass growing on stones, walls etc.
- ✿ Keep off pavement, gravel paths etc. while the string is still rotating.

Safety instructions for the battery and charger

Battery

- ✿ Never open the battery.
- ✿ Do not expose the battery to water.
- ✿ Do not throw the battery in fire as there is a risk of explosion!
- ✿ Do not store the battery in locations where the temperature could exceed 40°C.
- ✿ Do not leave the battery in charger if the charging is finished. Otherwise, electrolyte could leak out of the battery.
- ✿ Charge at room temperature only.
- ✿ Use only original charger supplied by the battery.
- ✿ Before charging check that the battery is dry and clean.
- ✿ Use only the battery types approved by the manufacturer.
- ✿ Do not put the battery in common household waste but return it in a battery recycling centre instead.
- ✿ Under extreme conditions there is a risk of the electrolyte leaking out of the battery. If the electrolyte leaks, proceed as follows:
 - Carefully wipe the electrolyte away with a dry cloth. Avoid contact with skin.
 - If contact with skin or eyes does occur, proceed according to the instructions below.
- ✿ The battery contains a 25-30% potassium hydroxide solution, which may be harmful. If contact with the skin occurs, immediately wash with large amounts of water. Neutralise with a mild acid, e.g. lemon juice, vinegar. When eyes are affected, thoroughly rinse with water (for at least 10 minutes) and seek medical attention.

 **NOTE:** The batteries are Li-Ion types. Do not throw the batteries in household waste, fire or water. The batteries must be disposed of in environmentally friendly manner.

Charger

- ✿ Never replace any electric cord, risk of injury could occur!
- ✿ Only use the charger for charging the original batteries supplied with the product. When charging a different battery type there is danger of sudden combustion, serious injury to persons, damage to property.
- ✿ Only two batteries can be charged continuously one after another, otherwise charger overheating might occur. Allow the charger to cool down before a new charging.
- ✿ When the charging process is complete, unplug the charger from the power socket remove the battery.
- ✿ Do not leave the battery in the charger.
- ✿ When carrying the charger, do not hold the cord or the plug. To disconnect the charger from a power socket, do not pull the cord but hold plug instead. Protect the charger from heat and contact with sharp objects.
- ✿ Never charge non-rechargeable batteries.
- ✿ Do not use the charger cord if damaged in any way.
- ✿ Do not expose the charger to water or rain effects and do not use it in wet environment.
- ✿ Do not open the charger.
- ✿ Do not disassemble the charger.
- ✿ Do not use the charger outdoors as it's designed for indoor use only.

6. OPERATION

Operating times

- ☼ Please check noise abatement regulations prevailing in your country.

Risk of short circuit!

- ☼ For disposal, transport or storage, pack the battery in a plastic bag or a cardboard box, or isolate the contacts with adhesive tape.
- ☼ Do not open the battery pack.

Charging

 **WARNING!** The battery must be charged for approximately 2 hours before using it for the first time.

- ☼ Use only the original Bestcharger (part number 7420 069)!
- ☼ Use charging unit only in dry rooms!
 1. Remove the battery from the grass trimmer **D**.
 2. Connect the charger to the power mains **E** (3).
 3. Insert battery in the charger adapter **E** (4).

Instructions for the handling of the charger

- ☼ Red LED (5) is on: Battery is being charged.
- ☼ Green LED (5) is on: Charge process completed.
- ☼ Red LED flashing (5): Error

Self-discharge of batteries!

Remove the battery from the charger once it is fully charged.

General instructions

Regarding the battery In order to maintain the long service life of the battery, always follow the instructions below:

- ☼ The lawn trimmer are automatically switched off when the battery voltage is low. The battery must then be recharged before the shears can be used again.
- ☼ Always recharge the lithium-ion battery prior to any prolonged period of nonuse, i.e. before storing the shears away in autumn.
- ☼ The charging time is 3 hours for a battery that is completely empty.
- ☼ The lithiumion rechargeable battery can be charged at any charge level and charging can be interrupted at any time without damaging the battery (no memory effect)

Settings

The lawn trimmer is equipped with a four-position adjustable working angle. This enables you to easily trim hard-to-reach areas in your garden. To set the ideal working position, please follow the instructions below.

-  **NOTE:** The cutting head should be inclined slightly forward while trimming.

Working angle

Free trimming - Working angle 1 and 2 A

During free trimming, you should swing the trimmer in a semicircular motion in front of your body.

- ✿ Set working angle **G**.

Trimming under bushes / on slopes - Working angle 3B

- ✿ Set working angle **G**.

Edge function (horizontal cut) - Working angle 4 C

The edge function enables precise and convenient trimming along the edge of the lawn.

1. Turn cutting head 90° **H**.
2. Set working angle **G**.

Plant hoop guard

The plant hoop guard protects bushes, trees and plants **L** (1). When edging, the plant hoop guard must remain in the position illustrated in **L** (2).

Telescoping handle and grip

The trimmer is adjusted to your body height by means of the telescoping handle and the middle grip **J, K**.

On / off switch **F** (2)

Thread adjustment **L** (3)

If the line is too short when you start the machine for the first time, press the knob on the line spool and pull the line hard. When you then start the machine for the first time the line will be cut to the perfect length automatically.

Tips on trimming

- ✿ Cut high grass slowly, step by step.
- ✿ You can prolong the life of your trimmer by removing grass from the ventilation slots and the bottom of the trimmer before or after each use.
- ✿ In order to take full advantage of the battery capacity, you should not switch the trimmer on and off unnecessarily.

7. MAINTENANCE

Replacing the line spool

⚠ WARNING! The trimmer continues to spin after being switched off! Always remove battery before performing any work on the trimmer!

1. Press the sides of the spool cover as shown and remove it with the spool (Figure **M+N+O**). Ensure that you do not lose the spring.
2. Remove the empty line spool.
3. Thread the ends of the line on the new line spool through the eyelets in the spool cover (fig. **P**)
4. Fit the spool cover and spool back into the spool mounting.
5. The line will be cut to the correct length when the cutting head starts up again.

⚠ WARNING! When switched on, thread is cut off to operational length. Only switch machine on when in operational position.

Faults and how to remedy

Problem	Cause	Remedy
Tilt switch is not working.	Spool is empty.	Fit new spool.
	Dirt and debris in spool drive mechanism.	Clean parts with a brush.
	Line is torn and stuck inside spool.	Remove spool, check tightness of winding and replace spool in the usual way.
	Line is „welded“ to itself or to spool through heat build-up.	Remove welded line section, check tightness of winding and replace spool in the usual way.
String breaks too frequently	Coil too dry or brittle.	Place the coil in a container with water for approx. 24 hours. Dry and reinstall it.
	String in contact with fence posts, trees, etc.	Use plant guard.

When in doubt, always consult a Best service workshop.

⚠ WARNING! Switch off the trimmer and disconnect the battery before inspecting, cleaning or working on the thread.

8. TECHNICAL SPECIFICATIONS

Type.....	Battery-powered garden string grass trimmer
Rated voltage	20V DC
Battery type.....	Li-Ion
Battery capacity	1500Ah
Charging time.....	approximately 4 hours
Number of revolutions.....	8500 rpm
Cutting width	250 mm
Input power voltage	230V / 50Hz

9. DISPOSAL



The machine, rechargeable batteries, accessories and packaging should be sorted for environmental friendly recycling.

Do not dispose of power tools and batteries/rechargeable batteries into household waste!

Only for EC countries:



According to the European Guideline 2012/19/EU, power tools that are no longer usable, and according to the European Guideline 2006/66/EC, defective or used battery packs/batteries, must be collected separately and disposed of in an environmentally correct manner.

INSTRUCTIONS AND INFORMATION ON DISPOSAL OF USED PACKAGING.

Put any used package material to the place determined by the municipality for waste disposal.

DISPOSAL OF USED ELECTRIC AND ELECTRONIC EQUIPMENT



This symbol on products or accompanying documents means that used electric or electronic products must not be put to ordinary municipal waste.

Hand over such products to determined collection points for proper disposal, restoration and recycling. Alternatively, in some countries of the European Union or other European countries you can return your products to your local dealer when you buy an equivalent new product. By dutiful disposal of this product you can preserve precious natural resources and you help prevent any potential adverse effects on the environment and human health which could be the results of wrong waste disposal. Ask your local authority or the nearest collection point for additional details. In case of improper disposal of this waste kind penalties can be imposed in accordance with national regulations.

For companies in the European Union countries

Should you want to dispose of electric and electronic devices, ask your dealer or vendor for necessary information..

Disposal in other countries outside the European Union

Should you want to dispose of this product, ask your local authorities or your dealer for necessary information about disposal method.



This product fulfils all basic requirements of the EU directives that apply to it.

Text, design and technical specifications can change without prior notice and we reserve the right for their change.

User manual in the original language.

10. DECLARATION OF CONFORMITY

FAST[®]

FAST ČR, a.s.
Černokostecká 1621, 251 01 Říčany, Czech Republic
tel.: +420 525 204 111, fax: +420 525 204 110

EU Declaration of Conformity

Product/ brand: Cordless Grass Trimmer / **FIELDMANN**

Type/ model: **FZS 1025-A** as factory model LP-CT20Li
DC 20V, speed 8500/min-1, Cutting width: 250mm, Class III, IPX0
LpA: 79 dB(A), LwA: 86 dB(A)

Manufacturer: FAST ČR, a.s.
Černokostecká 2111, 100 00 Praha 10, Czech Republic
VAT no: CZ26726548

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Directive MD 2006/42/EC
Directive EMC 2014/30/EU
Directive Noise 2000/14/EC
Directive RoHS 2011/65/EU

The relevant harmonised standards and the other technical specifications:

EN 60335-1:2012+A11+A13+A1+A14+A2
EN 50636-2-91:2014
EN 62233:2008
EN 55014-1:2017
EN 55014-2:2015



Place of issuance: Prague

Name: Ing. Zdeněk Pech

Date of issuance: 22. 7. 2020

Signature: Chairman of the Board

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