

Translation of the Original Operating Instructions



User manual

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1 General

1.1 Information on this user manual

This user manual (hereinafter referred to as the manual) contains important information on how to handle the consteed smart horse sneaker system when setting up, using, maintaining, storing and disposing of the product at the end of its service life.

Compliance with all warnings and instructions is essential for the successful and safe use of this product.

Observance of this manual will prevent hazards and increase the reliability and service life of the product.

In addition, the general safety regulations in force at the place of use must also be complied with.

Please read the manual carefully before using the product for the first time. It is an integral part of the product and must be kept available at all times.

In addition to this manual, the safety information supplied with the product must be carefully read and observed before first time use, and must be kept available at all times.

If the product is passed on to third parties, the manual must also be handed over.

1.2 Liability limitation

The manufacturer assumes no liability for damage and operational errors resulting from:

- Failure to comply with this manual
- Use not in accordance with the intended purpose
- Incorrect setup
- The use of non-original accessories
- Technical modifications or alterations to the product

1.3 Presentation conventions

1.3.1 Paragraph formats applied

Instructions

The steps to be carried out by the operating personnel are shown in sequence. The sequence of steps must be followed.

Example:

- ◆ Work step

Lists

Lists without a mandatory sequence are shown as a list preceded by a bullet point.

Example:

- Item 1
- Item 2

References

References to chapters or sections in the text that contain procedures, instructions or further information are indicated as follows.

Example: (refer to Chapter ***“1.3 Presentation conventions” on page 4***)

1.3.2 Abbreviations

The following abbreviations are used in this manual:

Abbreviation	Meaning
EU	Electronic Unit
DoF	Degrees of Freedom
USB	Universal Serial Bus

1.3.3 Explanation of symbols

All warnings in this manual are also indicated by a warning symbol.

The following warning symbols are used in this manual:

Symbol	Meaning
	General warning notice
	General instructions and useful suggestions on handling
	Note on compliance with environmental regulations for disposal
	Electrical/electronic components with this symbol must not be disposed of with normal household waste.

1.3.4 Warning notices

The following warning notices are used in this manual:

	⚠ WARNING A warning of this category indicates a dangerous situation. Serious injury may result if the dangerous situation is not avoided. ► Follow the instructions in this warning to avoid the danger of serious injury to persons.
	⚠ CAUTION A warning of this category indicates a potentially dangerous situation. Failure to avoid the dangerous situation may result in injury. ► Follow the instructions in this warning to avoid the danger of injury to persons.
	ATTENTION A warning of this category indicates potential damage to property. If the situation is not avoided, it may lead to damage to property. ► Follow the instructions in this warning to avoid damage to property.
	NOTE ► A note contains additional information that is important for further processing or for simplifying the procedure step explained.

1.4 Copyright protection

This manual and all documents supplied with the system are protected by copyright.

These documents may not be reproduced in whole or in part without the express permission of ContiTech Deutschland GmbH.

1.5 Warranty provisions

The applicable General Terms and Conditions (GTC) for consteed the smart horse sneaker shall apply, unless otherwise agreed by contract.

The latest version is available on the website www.consteed.com or via e-mail from your consteed team at info@consteed.com

The consteed system is a measuring instrument that is not intended for everyday use and is not suitable for hoof protection. The overall service life depends on the individual usage scenario and may vary. After 30.000 steps, inspection is required to ensure continued measurement accuracy.

The inspection service, which involves returning the consteed system to the manufacturer or service partner, can be booked by the customer for a fee.

For a single measurement, we recommend a minimum of 30 steps. Depending on the usage scenario, this results in a practical range of approximately 400 to 800 measurements until the inspection. This is because steps are also accumulated outside the actual measurement process - for example:

- between putting on the boots and starting the measurement
- in between multiple measurements while the horse continues to wear the boots
- during any other movement that is not part of a planned measurement

Our tip:

To maximize the number of measurements you can perform, the boots should only be worn during the actual measurement period and not left on unnecessarily.

Further information is available on the website www.consteed.com or via email from your consteed team at service@consteed.com.

1.6 Address

Manufacturer address:

Konrad Hornschuch GmbH

Salinenstraße 1

74679 Weißbach

Germany

Email: info@consteed.com

Responsible importer (USA):

Cavallo Horse & Rider Inc. [dick]

1714 Lockyer Rd, Roberts Creek, BC CANADA V0N 2W1

Email: info@cavallo-inc.com

Responsible importer (ZA):

Atlantic Tech Group (Pty) Ltd

23 Restio Rd, Blouberg Hills Estate

Big Bay, Cape Town, South Africa, 7441

russell.c@atlantictech.co.za

1.7 Customer service

If you have any technical questions regarding the system, please contact Continental customer service.

Web: www.consteed.com

Email: service@consteed.com

Address: ContiTech Deutschland GmbH

Team consteed

Philipsbornstr. 1

30165 Hannover

Germany

2 Safety

2.1 General

This chapter provides important information on all aspects of safety.

Apart from the general safety instructions given in this chapter, further safety instructions relevant to the operations covered are given in each of the chapters.

Hazards that may occur as a result of a particular step are indicated before the work step.

	 WARNING
	Danger due to non-observance of the safety instructions! Failure to observe the safety and handling instructions listed in this manual can lead to considerable danger. ► Pay attention to the warnings and instructions listed here.

2.2 Intended use

The consteed smart horse sneaker system has been developed exclusively to receive and collect data from the sensors installed in the hoof boots during the controlled movement of the horse, then to transmit this data to the connected mobile device via radio transmission. The sensors have to be within the reception range of the mobile device. Data is recorded during the monitored movement of the horse.

The system may only be used within the technical framework and under the operating conditions laid down by the manufacturer (refer to Chapter „3 *Technical Specifications*“).

Any other use or use beyond this is considered improper and is prohibited.



WARNING

Danger resulting from improper use!

Any use of the consteed smart horse sneaker system beyond its intended purpose and/or any other use may lead to dangerous situations.

- ▶ Only use the system as intended.
- ▶ Comply with all the information in this manual.

Claims of any kind for damage resulting from improper use are excluded.

The user is solely responsible for the risk of non-compliance.

Foreseeable misuse

This system may only be operated as intended within the limits stipulated in Chapter „3 **Technical Specifications**“.

The following uses are strictly prohibited:

- Use in a modified or faulty condition
- Attaching the sensors to living beings other than horses

2.3 Fundamental safety instructions

The consteed smart horse sneaker system is constructed in accordance with the current directive, the latest state of the art and recognized safety regulations.

Dangers and impairments may nevertheless arise during the installation and use of the system.

Observe the following safety instructions for safe installation and trouble-free operation:

- Comply with local health and safety regulations.
- Check all system parts and connection cables for visible external damage before starting to work with the system. Do not operate a damaged system.
- Repairs to the system may only be carried out by qualified specialists. Unqualified repairs can lead to considerable danger.
- Only genuine spare parts may be used to replace defective components. Only these parts ensure that the safety requirements are satisfied.

2.4 Special risks

Risks due to integrated rechargeable batteries

There are built-in rechargeable batteries within the EU. Incorrect handling of the system can lead to hazards and result in fire.

- Do not open the EU housing. There are no user-serviceable parts inside the housing.
- Do not subject the EU to any hard impacts. This can lead to damage to the housing and to the batteries.
- Do not use or charge the system if damage or deformation is visible on the housing.
- If there are any leaks of gaseous or liquid substances, these may be harmful to the environment and to health (e.g. highly irritant).
- Only use the charging cables intended for the system.
- Avoid environments that are very hot, cold or humid during the charging process.
- Observe the disposal instructions at the end of this manual.

3 Technical Specifications

3.1 Hoof boot

General

Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to 45 °C
Attaching	to the horse
Fastening	Velcro fastening
Protection class	IP64 and IP65
Maintenance and care	Refer to Chapter „ <i>Scope of supply</i> “

Size chart

Size	Hoof length	Weight
2	125 - 135 mm	approx. 672 g
3	136 - 144 mm	approx. 722 g
4	145 - 152 mm	approx. 823 g
5	153 - 160 mm	approx. 879 g

Integrated rechargeable battery

Operating voltage	3.7 V
Battery capacity	300 mAh
Running time in battery mode	approx. 8 h
Charging time at 25 °C	approx. 4 h
Standby time	1 month

Radio transmission

Frequency	2.4 MHz
Range in free field (max.)	40 m

3.2 Mobile device requirements

	NOTE
	▶ The current requirements for the mobile device and the software version can be found in the link to the consteed application from the Playstore/ Appstore at www.consteed.com or directly in the Playstore/ Appstore under the name consteed the smart horse sneaker. ▶ System requirements: iOS17 & above / Android 15 & above. ▶ Devices must be actively supported by the manufacturer and running a current, manufacturer-supported version of iOS or Android.

3.3 Storage case

Dimensions (W x H x D)	34 x 25 x 45 cm
Weight of case without contents	- 500 g
Color	gray-black

3.4 Scope of supply

Components	Quantity
Hoof boot with EU	4 pieces
Protective mat to be inserted	4 pieces
Hoof scraper	1 piece
2-way charging cable	2 piece
Mains adapter / USB-A Splitter	1 piece
Hoof sock (wraps)	4 pieces
Storage case	1 piece
Safety instructions	1 piece
Quick Start Guide	1 piece

4 Structure and Function

4.1 Description of functions

The consteed smart horse sneaker system is used to collect strength and movement data directly from the horse's hoof to help diagnose the condition of the musculoskeletal system and monitor the horse's movements.

Each hoof boot records the pressure distribution via a number of force sensors integrated into the sole and transmits the values to the electronic unit (EU) attached to the boot.

The electronic unit also records movement and acceleration values in 6 axes. These are transmitted to the paired mobile device via Bluetooth® wireless technology together with the values from the force sensors in the sole.

Any commercially available smartphone or tablet running the iOS or Android operating systems can be used as a mobile device.

The consteed app needs to be installed on the mobile device. After logging into the app and configuring the sensors, data from up to 4 hooves can be recorded and analyzed simultaneously.

The results of the data analysis can be used to draw various conclusions about the current condition of the horse and appropriate measures can be taken to improve the situation.

The consteed smart horse sneaker system is available with 4 hoof boots.

4.2 Overall view



- 1 Hoof boot right
- 2 Hoof boot left
- 3 Mobile device with consteed app (not supplied)

4.3 Hoof boot



- 1 Padding
- 2 Velcro fastening
- 3 Electronic unit (EU)
- 4 Sole with sensors
- 5 Protective mat

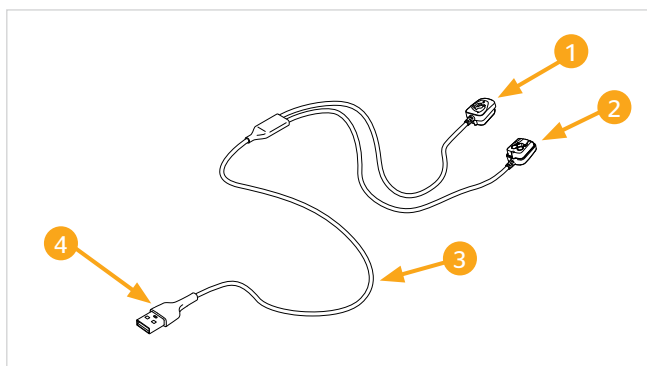
4.4 Electronic unit (EU)



- | | |
|--|---------------------|
| 1 Electronics housing | 3 On/off button |
| 2 Indicator for level of charge /position on the horse | 4 Charging contacts |

4.5 Charging cable (basic illustration)

The image of the charging cable is for illustrative purposes only and does not correspond to the actual product.



- | | |
|--------------------------|------------------------|
| 1 Magnetic charging clip | 2 Second charging clip |
| 3 Cable | 4 USB-A charging plug |

4.6 Storage case



4.7 Spare parts and accessories

The protective mat in the shoe (for details, see chapter „**4.3 Hoof boot**“ - **5** protective mat - on **page 17**) is a wear item that must be replaced regularly and over time depending on wear in order to prevent damage to the sensors. The protective mat is available in pairs.

This and other accessories and spare parts for the consteed the smart horse sneaker system can be found on the Internet at:

www.consteed.com

5 Unpacking and Setup

5.1 Unpacking

- ◆ Remove all system parts and manual from the packaging.
- ◆ Remove all packaging materials and protective film from the individual parts before using them for the first time.

5.2 Check delivery

As standard, the system is supplied with the components specified in Chapter „3.4 Scope of supply“ on **page 15**.

	NOTE
	▶ Check the delivery for completeness and for any visible damage. Immediately report an incomplete or damaged delivery to your supplier / dealer. ▶ Fully charge the product before using it for the first time.

5.3 Disposing of the packaging

The packaging protects the product from damage during transport. The packaging materials have been selected with the environment and disposal in mind and are therefore recyclable.



Returning the packaging to the material cycle saves raw materials and reduces the amount of waste. Dispose of any packaging material that is no longer needed in accordance with local regulations.

	NOTE
	▶ If possible, keep the original packaging during the warranty period. This will enable you to properly pack the system in the event of a warranty claim.

5.4 Safety instructions

	ATTENTION
	Incorrect use of the system can result in damage to property. Observe the following safety instructions to avoid such risks: ► Follow the instructions in this chapter to avoid damage.

5.5 Charging the electronic unit (EU)

	NOTE
	► Ideally, the battery should be charged at room temperature.



Fully charge the battery installed in the electronic unit before use.

- ◆ Slide one of the charging clips of the charging cable onto the electronic unit as shown in **A**. The plug will engage magnetically on the charging contacts **B**.
- ◆ Connect the charging cable to the mains adapter or a USB charger.
- ◆ Connect up to three additional EUs to the power supply unit or a USB charger. Two EUs can be connected per charging cable.

The charging process will start. The LEDs on the electronic unit display the current level of charge.

5.5.1 Level of charge indicator during the charging process

During the charging process, the current level of charge is represented by the number of LEDs illuminated on the EU. (Refer to Chapter “**5.7.2 Display of the current level of charge**” on page 25 for details).

	NOTE
	▶ It may take up to an hour for the LEDs to display the current level of charge if the battery has been completely discharged. ▶ Charging time in this case may be up to 8 hours. ▶ The battery should be charged using the mains adapter supplied. Other devices may switch off and interrupt the charging process.

5.6 Installing the app

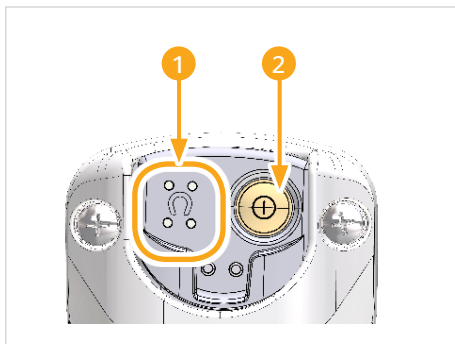
	NOTE ► To install the consteed app, consider the guidance in chapter <i>“3.2 Mobile device requirements” on page 14.</i>
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Follow the corresponding link (QR code) to the App Store to download the consteed app on your device.



- ◆ Follow the installation instructions on the display of your end device to install the consteed app.
- ◆ After completing the installation, start the consteed app.
- ◆ Once the app has started, you will be guided through the app setup.

5.7 Functions on the electronic unit (EU)



1 LED indicators

2 On/off button

5.7.1 Switching on the EU

To switch on the electronic unit (EU), the switch-on button **2** must be held down for 2 seconds and then released when all buttons have flashed briefly. After the initial setup using the software application, the LEDs **1** on the EU indicate which hoof the hoof boot needs to be attached to:

LED	Hoof
above left	front left
above right	front right
below left	rear left
below right	rear right

i

NOTE

- ▶ The respective LED is continuously illuminated if the charge status of the EU is sufficient for at least one measurement (15 minutes).
- ▶ A flashing LED indicates that the charge level is too low. If this is the case, the device should be charged before planned use.
- ▶ As soon as the EU's charge level drops below 10%, the device can turn off automatically to protect against deep discharge. In this case, the device should be charged immediately.

5.7.2 Display of the current level of charge

Shortly after switching on the EU, it is possible to display the current level of charge of the device via the LEDs by briefly pressing the on/off button **2**. If the battery is completely discharged, it may take up to an hour before the LEDs indicate that the charge is in progress.

Number of illuminated LED's	Battery charge level	Description of corresponding LEDs	Illustrative representation of corresponding LEDs
1	< 25 %	LED top left flashes	
1	≥ 25 %	LED top left illuminated	
2	≥ 50 %	LEDs top left and top right illuminated	
3	≥ 62.5 %	LEDs top left and top right illuminated and LED bottom left flashing	
3	≥ 75 %	LEDs top left, top right and bottom left illuminated	
4	≥ 87.5 %	LEDs top left, top right and bottom left illuminated and LED bottom right flashing	

5.7.3 Switching off the EU

The EU is switched off by pressing the switch-on button **2** for at least 2 seconds. All 4 LEDs **1** on the EU light up briefly and then switch off automatically.

5.7.4 Initial Setup of the EUs

The initial setup of the smart hoof boots' EUs is done in just a few steps directly via the app. The manufacturer recommends carrying out the first steps without a horse so that you can test the connection and setup at your leisure.

Please proceed as follows:

- ◆ **Activate Bluetooth® and Internet:** Make sure that Bluetooth® and a stable internet connection are available on your smartphone.
- ◆ **Download and register the app:** Download the app from the App Store or Google Play Store and register.
- ◆ **Add a new system:** Open the app and select "Connect system".
- ◆ **Name the system:** Assign an individual name for your system (e.g. system size 3).
- ◆ **Switch on one single hoof boot:** First start with a shoe of your choice. To do this, press and hold the button on the respective shoe for approx. 2 seconds until it starts.
- ◆ **Select shoe position & connect:** Select a shoe position in the app (e.g. left front) and tap on the corresponding shoe (e.g. consteed - Size 3 - Left) to connect it. This adjusts the shoe to the front left position, and the LEDs change accordingly.
- ◆ **Pair more shoes:** Repeat this process with the remaining shoes. Be sure to choose the right shoe position.



ATTENTION

If a shoe has been configured to an incorrect position...

- ▶ cancel the process or delete the incorrectly created system, the LEDs will still show an incorrect position in this case.
- ▶ Please start the initial setup again from point 3 (Add new system).
- ▶ Reconfigure the shoe that was configured as incorrectly to the correct position. Follow the instructions in this chapter to avoid damage.

- ◆ **Complete the connection:** Then click on "Next". The system is now successfully connected and saved.

- ◆ **Start test measurement without a horse:** Start a test measurement without a horse immediately afterwards so that the necessary calibration files are fully downloaded and the system can be initialized correctly. To do this, press the “Start measurement” icon and navigate through the measurement questions within the app. The measurement can be stopped after about 20 seconds.
- ◆ **Checking the connection:** Activate the live view and also turn on the display mode below the live view. Now make sure that four different colored lines are on top of each other. The system is now ready for use.

	<table border="1"><thead><tr><th data-bbox="356 469 997 523">ATTENTION</th></tr></thead><tbody><tr><td data-bbox="356 523 997 762"> If one or more of the lines are delayed or not visible at all... ▶ disconnect the system connection. ▶ Please now activate the compatibility mode in the top right corner of your saved system list. ▶ Reconnect the system and check the connection. The system is now ready for use.. </td></tr></tbody></table>	ATTENTION	If one or more of the lines are delayed or not visible at all... ▶ disconnect the system connection. ▶ Please now activate the compatibility mode in the top right corner of your saved system list. ▶ Reconnect the system and check the connection. The system is now ready for use..
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	<table border="1"><thead><tr><th data-bbox="356 820 997 884">NOTE</th></tr></thead><tbody><tr><td data-bbox="356 884 997 1045"> ▶ For future applications, the shoes only need to be switched on - they automatically connect to the app. ▶ The calibration files are only downloaded once for initial configuration. Make sure you have a sufficient internet connection. </td></tr></tbody></table>	NOTE	▶ For future applications, the shoes only need to be switched on - they automatically connect to the app. ▶ The calibration files are only downloaded once for initial configuration. Make sure you have a sufficient internet connection.
NOTE			
▶ For future applications, the shoes only need to be switched on - they automatically connect to the app. ▶ The calibration files are only downloaded once for initial configuration. Make sure you have a sufficient internet connection.			

5.7.5 Update EU

It is possible to update the EU firmware remotely. Relevant updates are provided via the consteed app /“ Settings” / “Update firmware”. Updates can take several minutes. The EU may restart several times during the update and will run through the following phases:

- **Phase 1 - Upload the new firmware to the EU:**
This phase is controlled via the app. The LED display of the EU remains unchanged during the upload.
- **Phase 2 - Restarting the EU:**
The EU is restarted at least once during this phase. The LEDs on the EU will switch off initially. The EU restarts itself after a short time.

- **Phase 3 - Starting of the new firmware:**
The new firmware is loaded after the restart. This phase is signaled by the following LED display:



The EU then switches back to operating mode with the status “switched on” (see Chapter “**5.7.1 Switching on the EU**” on page 24).

	NOTE
	▶ A fully functional internet connection is required for the EU update. ▶ The user is required to always keep the EU at the most current version for the hoof boot. To do this, it is necessary to check the app regularly to see whether a new firmware version is available for update.

5.7.6 Reset EU

There may be exceptional cases where the EU needs to be reset. This can be achieved by pressing and holding (>19 seconds) the switch-on button . The LEDs on the EU flash before resetting to warn of the imminent reset. The switch-on button  can be released once the flashing has stopped and the first three clockwise LEDs are illuminated. The EU is now reset and restarted.

	NOTE
	▶ The previous Bluetooth® LE connection between the EU and the end device/app on the EU is also deleted after resetting the EU. In order to allow the radio transmission to be set up again smoothly, it is important to ensure that the EU is decoupled on the end device. If no automatic decoupling takes place on the end device, this must be carried out manually by the user.

The radio transmission can then be restarted and the device can be paired again. Follow the instructions from **page 26** (see Chapter „**5.7.4 Initial Setup of the EUs**“)

6 Attaching to the Horse

Trained handling of horses is a prerequisite for using the system.

6.1 Requirements for the working environment

It is important that the environment in which the attaching and removing the hoof boot takes place fulfils the following requirements:

- The surface must be free of obstruction, non-slip and level
- The hoof boot is best attached and removed in an environment that is familiar to the animal
- There is sufficient free space to avoid the risk of crushing
- A quiet place is required where no unexpected disturbances and noises will occur
- If necessary, assistants must ensure that other people are not in the immediate vicinity or walking through

6.2 Handling horses

Handling horses requires experience and sensitivity to the nature of the animal.

Observe the following measures when handling horses in order to prevent injury to people and animals:

- Take care when leading the horse
- Talk to the horse to reassure it
- Have an assistant calm the horse or tether it if necessary
- Positioning the horse facing outwards gives the animal a means of getting away and has a calming effect

6.3 General information

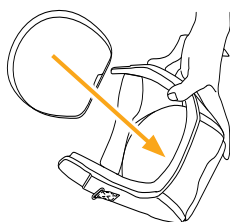
	ATTENTION
	Using hoof and coat care products may result in material damage or problems with the secure attachment of the hoof boot. Observe the following safety instructions to avoid such risks: ▶ Follow the instructions in this chapter to avoid damage. ▶ Hoof care products containing solvents may corrode the rubber. ▶ Applying coat sprays increases the risk of the hoof boot slipping off.

6.4 Safety instructions

	⚠ WARNING
	Dangerous situations may occur when working on horses! To avoid injury, observe the following safety instructions when attaching the hoof boot: ▶ Talk to the horse in a calming manner while working on it. ▶ The correct place to stand is next to the horse, at the height of the horse's leg. ▶ The safe distance behind the horse is three meters. ▶ Lift and lower the horse's hooves slowly. ▶ Do not lift the hooves too high and do not apply excessive pressure to the pasterns when lifting. This will avoid causing pain to the animal and discourage it from resisting.

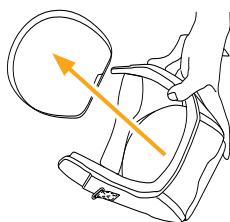
6.5 Removing/inserting the protective mat

Proceed as follows to insert the protective mat into the hoof boot:



- ◆ Fully open the hoof boot.
- ◆ Align the protective mat with the hoof boot. Rounded side to rounded side with the flap pointing upwards.
- ◆ Place the protective mat on the heel side/rear side first. Press the toe side/front side into the hoof boot.
- ◆ Check the fit is correct.

Proceed as follows to remove the protective mat from the hoof boot:



- ◆ Fully open the hoof boot.
- ◆ Hold the protective mat by the pull-out tab and pull it out.

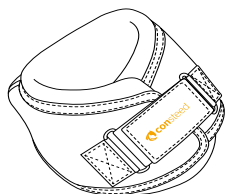
6.6 Attaching the hoof boot



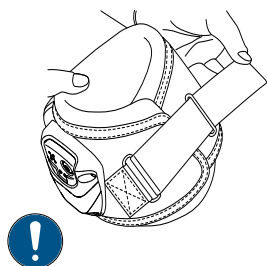
NOTE

- ▶ Following the initial configuration via the app, the LEDs on the EU indicate which hoof the hoof boot needs to be attached to. Switch on the hoof boot's EU before attaching the hoof boot (see Chapter **"5.7.1 Switching on the EU" on page 24**).
- ▶ If the LED on the EU is flashing, it is recommended that the EU be fully charged before it is used for an extended period of time (see Chapter **"5.7.1 Switching on the EU" on page 24**).

Proceed as follows to attach the hoof boot to the horse:



- ◆ Ensure that all components are in perfect condition.
- ◆ If necessary, remove any dirt and adhesions from the hoof.
- ◆ Check that the electronic unit is securely attached to the hoof boot. The EU must always be on the outside of the hoof boot.



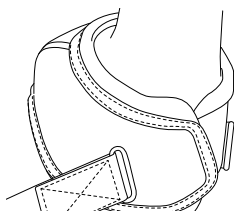
- ◆ Unfasten the tab from the Velcro fastener as shown.
- ◆ Check that the protective mat is inserted inside the hoof boot and is correctly positioned.
- ◆ Check that the inside of the hoof boot is clean and remove any dirt.

	NOTE
	► Make sure that the EU always faces the outer side of the horse.

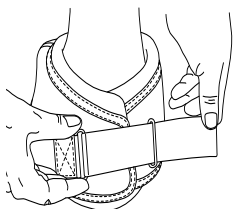


- ◆ Position the horse's hoof over the hoof boot and slowly guide the hoof into the hoof boot. Put the hoof into the boot with the toe first.

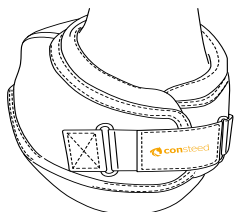
Attaching to the Horse



- ◆ Carefully press the hoof into the boot and check that it fits correctly.
- ◆ Then fasten the outer flaps over the toe. The upper flap should always point outwards.



- ◆ Pull the Velcro strap through the eyelet as shown. The end of the Velcro strap points outwards when closed.



- ◆ Secure the flap with the Velcro strap.
- ◆ Then check that the hoof boot fits securely.

Note: It is not necessary to pull the Velcro strap tightly. It should be sufficiently tight to ensure that the hoof boot is held securely in place.

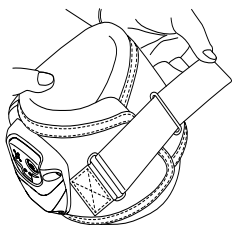
6.7 Checking the fit

The accuracy of the measurements will depend on the fit of the hoof boots. To ensure a secure fit of the hoof boots on the hoof, please observe the following instructions.

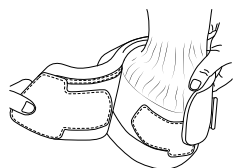
- ◆ Check the fit of the hoof boot at regular distances and adjust the position by opening and re-closing the Velcro strap if required.
- ◆ Use the wraps supplied to improve the fit of the hoof boot.

6.8 Removing the hoof boot

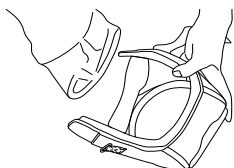
Proceed as follows to remove the hoof boot from the horse:



- ◆ Open the Velcro strap and pull the tab through the eyelet as shown.



- ◆ Fold the outer flaps to the side.



- ◆ Remove the hoof boot from the toe.

7 Execution of a measurement

7.1 Execution of a measurement

After the initial setup of the consteed system, the hoof boots can be switched on. In the app, select the corresponding system that you have switched on and connect it to your end device.

Before measuring the horse:

- ◆ Create a horse profile in the app and select it.
- ◆ Place the protective mat in the hoof boot (*see chapter “6.6 Attaching the hoof boot” on page 31*)
- ◆ Attach the hoof boot to the horse (*siehe Kapitel “6.6 Attaching the hoof boot” on page 31*)

To start the measurement, click on the black stethoscope button ‘Start measurement’ in the lower centre of the screen in the app. Then define the specifications of the measurement:

- Surface (e.g. asphalt, indoor)
- Type of movement (straight ahead or lunge)
- Gait (walk or trot)
- Number of steps (we recommend at least 30 steps)

Once you have defined all the specifications, you can start the measurement by clicking on the Start button.

NOTE:

The measurement starts with step counting as soon as you click on the ‘Start’ button.

**ATTENTION**

- ▶ After putting on the hoof boots, the horses should be led a few meters before the measurement to get used to the shoes.
- ▶ The measurement should be carried out on as even a surface as possible (e.g. riding arena) over a distance of at least 30 steps (e.g. 15 steps there and 15 steps back) at a steady pace so that the turning points are kept to a minimum.
- ▶ Carry out the turn in as small an arc as possible. When measuring at trot, parade through to walk before the turn and trot back to walk after the turn.

The app automatically opens the checkup report as soon as the preset strides are reached. The measurement can also be ended manually, in which case the checkup report will also open, displaying the results of the data collected up to the point of termination.

8 Eliminating Faults

8.1 Safety instructions



ATTENTION

Possible damage to the electronic unit.

There are no parts inside the electronic unit that the user would be able to troubleshoot.

► In order to avoid damage, do not open the electronic unit.

8.2 Causes and troubleshooting faults

The following table helps to localize and rectify minor faults. Should you not be able to solve the problem by following the above steps, please contact customer service (see Chapter “1.7 Customer service” on page 8).

Fault	Possible cause	Troubleshooting
Electronic unit (EU) fails to switch on	Electronic unit (EU) battery dis-charged	Charge electronic unit (EU)
	Electronic unit (EU) is defective	Notify customer service
Status LEDs do not illuminate	Electronic unit (EU) is not switched on	Switch on the electronic unit (EU)
	No connection to the app	Switch the radio transmission on the mobile device off and on again
The electronic unit (EU) bat-tery runs down quickly.	The battery has not been fully charged	Fully charge the battery
	Battery capac-ity has decreased considerably	The battery needs to be replaced. Notify custom-er service

Fault	Possible cause	Troubleshooting
Electronic unit (EU) does not charge	Contacts on the electronic unit (EU) or on the charging clip are dirty	Clean the contacts
	Mains adapter defective	The mains adapter needs to be replaced. Notify customer service
	Charging cable defective	Replace charging cable
	Electronic unit (EU) is defective	Notify customer service
Electronic unit (EU) is not recognized in the app	Radio transmission not switched on on the mobile device	Switch on radio transmission on the mobile device
	Incorrect mobile device paired	Switch off radio transmission on all mobile devices in the vicinity that may be paired and should not be used
	Mobile device not paired	Disconnect the pairing and reconnect to the mobile device
	App was not installed correctly	Install the app again

9 Care and Maintenance

9.1 Safety instructions

	ATTENTION
	Possible damage to the consteed smart horse sneaker system. The consteed smart horse sneaker system may be damaged due to improper care or lack of care. ▶ Follow the care instructions in this chapter to prevent damage to the consteed smart horse sneaker system.

9.2 Drying and cleaning

	ATTENTION
	Possible damage to the consteed smart horse sneaker system. Excessive temperatures when drying can damage the consteed smart horse sneaker system. ▶ Leave the hoof boot to dry in a temperature-controlled, ventilated room to avoid damage when drying. ▶ Do not place the hoof boot on or in front of a heater or other heat source.

- ◆ Remove the protective mat from the hoof boot.
- ◆ Immediately after use, remove any dirt from the inside of the hoof boot.
- ◆ Let the damp hoof boot air dry.
- ◆ Clean the outside of the dry hoof boot with a brush.

9.3 Washing the hoof boot

	ATTENTION Possible material damage when washing the hoof boot in the washing machine. Washing the hoof boot in a washing machine or prolonged immersion in water will damage the electronic unit. ▶ Do not wash the hoof boot in a washing machine. ▶ When washing by hand, ensure that the electronic unit is not submerged for long periods of time.
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The hoof boot is hand washable up to 30 °C. For this purpose:

- ◆ Remove the protective mat from the hoof boot.
- ◆ Remove any dirt from the inside of the hoof boot.
- ◆ Remove coarse dirt on the outside of the hoof boot with a brush.
- ◆ Wash the hoof boot by hand without detergent in warm water at a maximum of 30 °C. Take care not to submerge the electronic unit for a prolonged period of time.
- ◆ Do not immerse the hoof boot entirely in water.
- ◆ Allow the damp hoof boot to air dry as described in Chapter “**9.2 Drying and cleaning**”.

10 Instructions on Non-usage

10.1 Preparation for storage

Always dry and clean the hoof boot before storing it, see Chapter ***“Drying and cleaning” on page 39***

10.2 Storage

- ◆ Charge the EU battery to approx. 85 % before storage.
- ◆ Store the completely cleaned and dry hoof boot in the case provided.
- ◆ Store the hoof boot in a dry and frost-free location when not in use.

10.3 Measures in case of prolonged non-usage

- ◆ Check the level of charge of the EU battery and charge it to approx. 85 % if required.

10.4 Startup after prolonged of non-usage

- ◆ After a long period of non-use, fully charge the electronic unit (EU) of the hoof boot before use.

Refer to Chapter ***“5.5 Charging the electronic unit (EU)” on page 21*** for details.

10.5 Instructions for disposal



The crossed-out wheeled bin symbol means that your product is classified as Electrical and Electronic Equipment (EEE) and must not be mixed with general household waste.



This product must be recycled. By ensuring this product is disposed of correctly, you are helping to prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling.

- **Proper Disposal:** Hand over the product to an applicable collection point for the recycling of electrical and electronic equipment (WEEE).
- **For Details:** End-users should contact the retailer where the product was purchased, or their local government office, for details on local recycling schemes.

11 Certifications

The individual certificates for this product are enclosed with the system documentation and/or available at www.consteed.com.

11.1 Radio authorization

Radio authorization has been granted for this product in the following countries:

- Go to www.consteed.com for the list of countries.

11.2 FCC information

This product has been tested and found to comply with the limits for a Class B digital device, in accordance with Part 15 of the FCC regulations (Contains FCC: SH6MDBT50Q). These limits represent reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the manual, may cause harmful interference to radio communications. There is no guarantee that interference will not occur in a particular installation. If this device causes interference to radio or television reception, which can be determined by turning the device off and on, the user is advised to try to correct the interference by one or more of the following measures:

- Realign or move the receiving antenna.
- Increase the distance between the device and receiver.
- Consult the dealer or an experienced radio/television technician.

11.3 IC Information

Contains FCC: SH6MDBT50Q

Contains IC: 8017A-MDBT50Q

CAN ICES (B) / NMB (B)

This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

** This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's

licence-exempt RSS(s). Operation is subject to the following two conditions:

- This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

11.4 Declaration of Conformity

This product complies with the essential legal requirements and relevant regulations of the EU, as well as for other countries listed at

www.consteed.com.

The complete original Declaration of Conformity can be found at

www.consteed.com.

EC-Declaration of Conformity

Déclaration CE de Conformité

EU-Konformitätserklärung

11.5 Bluetooth Trademarks

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