Motorized Medical
BOOST 2 Treadmills

BOOST 2 CORE
BOOST 2 ELITE

User Manual

Product: BOOST 2
Document Number: UM-B2-EN-05
Revision Number: 05
Approved By: SW/DG

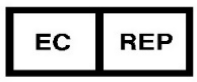

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Table of Contents

1 Introduction

NOTE
The BOOST 2 CORE and BOOST 2 ELITE system features the WOODWAY 4FRONT treadmill. For treadmill instructions and safety information see the WOODWAY MOTORIZED Treadmill Manual. Collectively the BOOST 2 CORE and BOOST 2 ELITE are referred to as the BOOST 2 PRODUCTS throughout this manual unless otherwise specifically identified.

1.1 Operating Instructions Information

This manual provides information on the safe operation of the BOOST 2.

A condition for safe operation is compliance with all safety and operating instructions.

⚠ CAUTION
Improper operation can cause accidents! Not using the BOOST 2 as intended according to the manufacturer's instructions can cause accidents and equipment damage. ► These operating instructions must be completely read and understood before using the BOOST 2. ►Keep these instructions close at hand for all users of the device.

1.1.1 Read the Operating Instructions

Read these instructions carefully before beginning any work on the BOOST! It is a part of the device and must be kept accessible at all times and in the immediate vicinity of the BOOST for operating and maintenance personnel.

1.1.2 Observe the Operating Instructions

The manufacturer accepts no liability for accidents, equipment damage, and consequences of equipment failure that are a result of failure to follow the operating instructions. In addition, local accident prevention regulations and general safety conditions for intended use of the BOOST 2 apply.

The manufacturer reserves the right to make technical changes in the context of improving the performance properties and further development without prior notice. Illustrations are for basic understanding and may differ from the actual design of the device.

Accessories from other suppliers have further safety regulations and guidelines which must also be observed. Boost accepts no liability for accidents, equipment damage, and personal injury caused by using accessories from other suppliers.

1.2 Limitation of Liability

All information and instructions in this manual have been compiled in accordance with applicable standards and regulations, the current state of technology, and our knowledge and experience.

The manufacturer accepts no responsibility for damages resulting from:

- Disregarding the operating instructions
- Improper use
- Use by non-authorized persons
- Use of replacement parts which were not approved by the manufacturer
- Unauthorized modifications to the device or accessories

The manufacturer general terms and conditions and delivery conditions apply, as well as the legal regulations valid at the time of contract conclusion.

1.3 Copyright

The release of the operating instructions to third parties without the written permission of the manufacturer is prohibited.

NOTE
All contents, text, drawings, images or other illustrations are copyright protected and are subject to intellectual property rights. Any misuse is punishable by law!

Duplication in any manner and form - including excerpts - as well as use and/or communication of the content are not permitted without written permission from the manufacturer.

1.4 Replacement Parts

The manufacturer recommends the use of original replacement parts. Original replacement parts have particular qualities to ensure reliable and safe operation.

- Developed for specific use with the device
- Manufactured for high quality and excellence
- Ensure the legal warranty period (excluding wear parts) or other reached agreements

NOTE
The use of NON-original replacement parts may change the characteristics of the device and interfere with the safe use! The manufacturer does not accept liability for damages resulting from this.

Disposal

Wear parts are considered hazardous waste.

After being replaced, wear parts must be disposed of according to country-specific waste laws.

For further information on disposal, see Section 12.

1.5 Customer Service

For customer service questions contact the following:

BOOST TREADMILLS, LLC
Palo Alto, CA 94306 USA
Tel: 510-977-8355
E-Mail: support@boosttreadmills.com
Web: boosttreadmills.com

For machine service questions contact the following:

ALEX LUTHMAN, DIRECTOR OF FIELD OPERATIONS AND TECHNICAL SUPPORT
Versailles, OH 94306 USA
Tel: 518-935-7465

E-Mail: support@boosttreadmills.com
Web: boosttreadmills.com

For machine service questions in the EU, contact the following:

WOODWAY GmbH
Steinackerstr. 20

79576 Weil am Rhein

GERMANY

Tel. +49 (0) 7621 - 940 999 - 14

Fax +49 (0) 7621 - 940 999 - 40

Email: service@woodway.de

Web: www.woodway.de

For faster processing of your request please have the following data and information available:

- Serial number information from the hexagonal label on the machine
- An accurate description of the circumstances
- Customer number/sales order number (if available)
- What action has already been taken

Servicing

The address of your local service center can be obtained from the manufacturer. After repair or reinstallation, the actions listed under "Setup & Installation" are to be performed as during installation.

1.6 Electromagnetic Compatibility

It is expressly noted that the BOOST 2 is subject to special precautions regarding electromagnetic compatibility (EMC). They must be installed and operated accordingly.

It should be noted that portable and mobile RF communications equipment and other devices with interference beyond the permissible values can affect the electronics of the treadmill. This can influence the measurement functions and the displays, causing malfunctions.

NOTE

According to CISPR 11, the BOOST 2 is a Class A device.

The device can cause radio interference or disrupt the operation of equipment in the vicinity. It may be necessary to take appropriate remedial measures, such as changing the direction, realigning or shielding the device, or filtering the connection to the location.

Detailed information and proof relating to electromagnetic compatibility can be viewed at the manufacturer on request.

1.7 Guidance and Manufacturer's Declarations for Electromagnetic Compatibility (EMC) and Associated Risks

The BOOST 2 Core and BOOST 2 Elite comply with the requirements of IEC 60601-1-2:2014 The system was tested to the following standards. The system is designed for use in a *commercial clinic or hospital setting,* non-protected electromagnetic environment. If used in a hospital, it should not be installed in parts of the hospital where there are any HF Surgical or magnetic resonance systems used.

During EMC testing, the unit should function normally throughout its useful life.

The body weight support device shall provide a support structure to the patient at all times during operation of the treadmill. The body weight support system shall not experience a pause in function long enough to fully evacuate the pressure in the enclosure, unless also accompanied by a decrease in speed of the treadmill.

Should these functions fail to work as intended, discontinue use and contact the support team. To help ensure the system functions as intended as it pertains to electromagnetic performance, follow all the instructions in this manual and contact the support team for any repairs. Do not modify the system. Simple trouble-shooting measures as it pertains to EMC are noted at the end of this section.

Emissions (Class A, Group 1)	CISPR 11:2015 +AMD1:2016+AMD2:2019 (Radiated Emissions)
	CISPR 11:2015 +AMD1:2016+AMD2:2019 (Conducted Emissions)
	IEC 61000-3-2:2018 +AMD1:2020 (Harmonic distortion)

<table>
<tr><td></td><td>IEC 61000-3-3:2013 +AMD1:2017 +AMD2:2021 (Voltage fluctuations and flicker)</td></tr>
<tr><td colspan="2">The EMISSIONS characteristics of this equipment make it suitable for use in clinics, professional wellness facilities, and hospitals only. If it is used in a residential environment (for which CISPR 11 class B is normally required) this equipment might not offer adequate protection to radio-frequency communication services. The user might need to take mitigation measures, such as relocating or re-orienting the equipment.</td></tr>
<tr><td rowspan="8">Immunity</td><td>IEC 61000-4-2:2008 – ESD immunity (± 2, 4, 8 & 15kV Air discharge;
±8kV Contact discharge)</td></tr>
<tr><td>IEC 61000-4-3:2020 – Radiated immunity (3V/m f) (80 Mhz to 2.7 GHz); IMMUNITY to RF wireless communications 9-28V/m, see table 9 for additional details.</td></tr>
<tr><td>IEC 61000-4-4:2012 – EFT immunity (± 2 kV)</td></tr>
<tr><td>IEC 61000-4-5:2014 +A1:2017 – Surge immunity (L-L: ± 0,5 kV, ± 1 kV; L_G ± 0,5 kV, ± 1 kV, ± 2 kV)</td></tr>
<tr><td>IEC 61000-4-6:2013 – Conducted immunity (3V m; 0.15 MHz - 80 Mhz; 6V m 0.15 MHz - 80 Mhz)</td></tr>
<tr><td>IEC 61000-4-8:2009 – Magnetic immunity (30 A/m)</td></tr>
<tr><td>IEC 61000-4-39:2017 - Radiated fields in close proximity immunity: tested at CW 8A, 134.2KHz 65A, 13.56MHz 7.5A</td></tr>
<tr><td>IEC 61000-4-11:2020 –Voltage dips, short interruptions and voltage variations immunity: tested at 0 % UT; at 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°; and
0 % UT; 1 cycle
and 70 % UT; 25/30 cycles
Single phase: at 0°</td></tr>
<tr><td>IEC 61000-4-11:2020 –Voltage dips, short interruptions and voltage variations immunity: tested at 0 % UT; 250/300 cycle</td></tr>
<tr><td colspan="2">The normal test levels for Professional Healthcare equipment as specified in tables 4, 5, 7, 8 and 9 of IEC 60601-1-2 were applied for the immunity tests noted above.</td></tr>
</table>

The intended use of the system is for athletic performance enhancement and the recovery of musculoskeletal injuries for those able to ambulate with body weight support. Please check with a physician to determine if you or your patient is indicated for use with these products.

The limits are designed to provide reasonable protection against harmful interference in a typical hospital or commercial installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the manufacturer's instructions may cause harmful interference to other devices in the vicinity. There is no guarantee that interference will not occur in a particular installation.

To maintain the proper functioning of the BOOST 2 as it pertains to EMC, all the instructions in this manual should be followed throughout the useful life of the product. Only use RF interconnection cables provided with the system to avoid damaging or degrading the performance of the equipment.

Do not stack the parts of the system on top of other equipment or in close proximity to other equipment. Keep portable RF communications equipment a minimum of 30cm (12") from the system components.

Interference from electronic sources may result in the following observations or system notices. The operator should be aware of the following; however, they do not pose hazards to the patient or the operator.

If this equipment causes interference with other devices or if other equipment is causing interference with this equipment, which may be determined by turning the equipment off and on, the operator is encouraged to correct the interference by one or more of the following measures:

- Reorient or relocate the device receiving the interference.
- Increase the separation between the equipment (beyond the minimum recommended 12in/30cm)
- Connect the equipment into an outlet on a circuit different from that to which the other device(s) are connected.
- Replace unshielded cables with shielded ones.
- Consult the manufacturer or field service technician for help.

1.8 EU Declaration of Conformity

For The Long Run
WOODWAY

EU-Declaration of Conformity / *EU-Konformitätserklärung*

Manufacturer:
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SRN: US-MF-000031568

European Representative:
Europäischer Repräsentant:
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Germany
Phone: +49 (0) 7621-940999-0
E-Mail: info@woodway.de
Web: http://www.woodway.de
SRN: DE-AR-000009530

Hereby the manufacturer declares in sole responsibility that the product in the form as delivered and described below is in conformity with the following European regulations, directives and other applicable legal provisions of the Union:
Hiermit erklärt der Hersteller in alleiniger Verantwortung, dass die Produkte in der gelieferten und nachstehend beschriebenen Form mit den folgenden europäischen Verordnungen, Richtlinien und weiteren anwendbaren Rechtsvorschriften der Union übereinstimmen:

Regulation (EU) 2017/745 (MDR)	*Verordnung (EU) 2017/745*
Directive 2011/65/EU (RoHS)	*Richtlinie 2011/65/EU*
Directive 2014/30/EU (EMC)	*Richtlinie 2014/30/EU*
Directive 2006/42/EC (Machinery)	*Richtlinie 2006/42/EC*
Directive 2012/19/EU (WEEE)	*Richtlinie 2012/19/EU*

Product designation:	Woodway Motorized Medical Boost 2 Treadmills
Produktbezeichnung:	*Woodway motorisierte medizinische Laufbänder Boost 2*
Product type:	Boost 2 CORE / Boost 2 ELITE
Typenbezeichnung:	
Intended purpose:	The intended use of the system is for athletic performance enhancement and the recovery of musculoskeletal injuries for those able to ambulate with body weight support.
Zweckbestimmung:	*Die Zweckbestimmung des Systems sind die sportliche Leistungssteigerung und die Heilung von Muskel-Skelett-Verletzungen bei Personen, die sich mit Unterstützung des Körpergewichts fortbewegen können.*
Classification:	I (per Annex VIII Rule 13 Regulation (EU) 2017/745)
Klassifizierung:	*I (gemäß Anhang VIII Regel 13 der Verordnung (EU) 2017/745)*
Conformity Assessment Process:	Annex II and III of Regulation (EU) 2017/745
Konformitätsbewertungsverfahren:	*Anhang II und III der Verordnung (EU) 2017/745)*
Basic UDI-DI:	42624390300185
Basis UDI-DI:	
Used standards:	IEC 60601-1:2005/AMD2:2020
Angewandte Normen:	IEC 60601-1-2:2020 — EN ISO 10993-1: 2020 EN 60601-1-6: 2010 — EN ISO 13485: 2016 EN 62366-1:2015 — EN ISO 14971:2019 EN ISO 20417:2021 — EN ISO 15223-1:2021 EN ISO 20957-1:2013 — ISO 20957-6:2021-02

The declaration of conformity is valid for all the models listed above, which were produced on after 11 July 2023 by WOODWAY USA Inc. The validity of this declaration of conformity ends with the publication of a new declaration of conformity if this becomes necessary due to technical modifications or changes in the standards.
Die Konformitätserklärung gilt für alle oben gelisteten Modelle, die ab dem 11 July 2023 *durch WOODWAY USA Inc. hergestellt worden sind. Die Gültigkeit dieser Konformitätserklärung endet mit der Veröffentlichung einer Konformitätserklärung neueren Datums, falls dies durch technische Änderungen oder durch gesetzliche Änderungen der Normen und Standards erfolgen muss.*

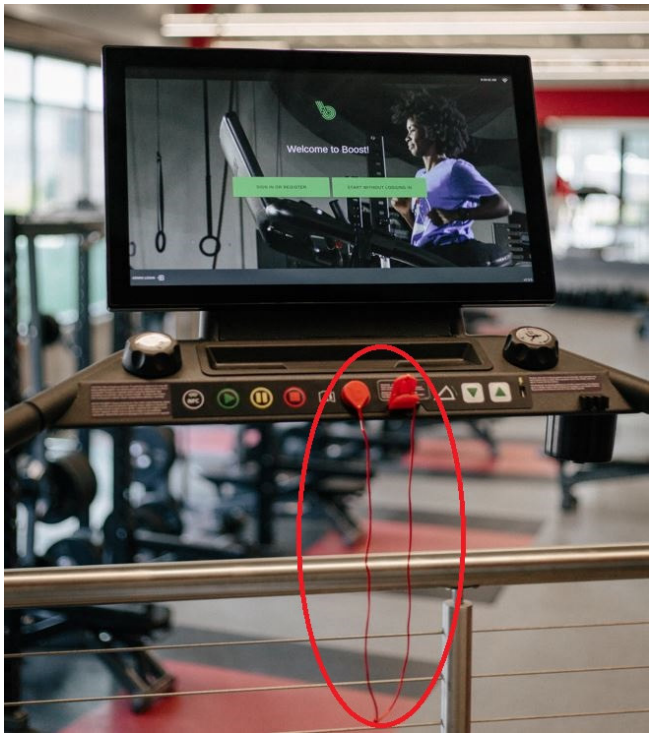
Waukesha, USA
11 July 2023

Douglas Bayerlein
Präsident / President WOODWAY USA, Inc.

2 Safety

!!!!!!!!!!!!!!! IMPORTANT - PLEASE READ !!!!!!!!!!!!!

The BOOST 2 comes equipped with a safety magnet that is the primary mitigation against all motor/movement related injuries. The function of the safety magnet is to cut power to all actuators when it is pulled.



This includes shutting down the treadmill belt and incline motors, shutting down the blower, and shutting down the lift motors.

IT IS REQUIRED AND CRITICAL THAT A PATIENT WEAR THE SAFETY MAGNET LANYARD AT ALL TIMES DURING OPERATION.

Failure to wear the lanyard can lead to serious injury and is a misuse and abuse of the Boost 2 devices. See additional details within these instructions for use.

!!!!!!!!!!!!!!! IMPORTANT – PLEASE READ !!!!!!!!!!!!!

The BOOST 2 uses an automated lifting system to improve ingress and egress from the device. This automated lift system requires power to move. If power is removed for one reason or another (magnet is pulled, fuses blow, etc), there are release pins that may be pulled to allow the enclosure to lower for patients to exit the machine.

Please read this section carefully, and you are required to instruct all new patients who are using the Boost 2 unsupervised on this procedure prior to usage.

2.1 Important Safety Instructions

The BOOST 2 has been reliably designed, manufactured, and tested according to the latest state of technology and is in safe and technically perfect condition. Nevertheless, the devices can cause risk to persons and property if operated improperly.

For this reason, the operating instructions should be read completely, and safety instructions must be observed.

Warnings attached directly to the device must be observed and kept in a legible condition. Replace the stickers if they become damaged or illegible.

Inappropriate use will result in the rejection of any liability or guarantee claims by Boost.

All BOOST 2's are built to the specifications of and are intended for both commercial and residential use.

Read all instructions before using the BOOST 2

DANGER:

- Do not operate in damp or wet locations.
- Do not operate the heart rate monitor transmitter in conjunction with an electrical heart pacemaker. The transmitter may cause electrical disturbances.
- Do not attempt to service your BOOST 2 products yourself without first contacting Service.

CAUTION:

- Consult your physician before beginning any exercise program, especially if any of the following pertain to you: history of heart disease, high blood pressure, diabetes, chronic respiratory disease, elevated cholesterol, smoker, experiencing any other chronic disease or physical impairments.
- Pregnant women should consult their physician before beginning an exercise program.
- If you experience dizziness, chest pain, nausea, or any other abnormal symptoms while using the BOOST 2, stop training immediately. Consult a physician before continuing.
- A qualified mechanic should perform any service or repair work. It is preferable that mechanics have successfully completed Boost factory-authorized service school or equivalent.
- DO NOT attempt to service the BOOST 2 while in operation or use by a patient or operator. This can result in serious injury and hazard to the patient. Service may only be performed by authorized personnel.
- Patients who are infirmed or otherwise unfit for unsupervised usage and cannot safely enter and exit the machine require the help of a secondary person to get in, operate, and exit the machine at all times.
- All patients must be instructed on the safety features of the BOOST 2 devices if intended to be used without operator supervision. In particular, instruct all patients as to the important of the safety magnet and wearing the lanyard, as well as the magnet's function in stopping all actuators and motors. Patients must also be instructed specifically if intended for unsupervised use on how to release the pins to lower the enclosure in the event the lift carriage gets stuck.
- To avoid injury, use extreme caution when stepping onto or off of a moving belt.
- To reduce risk of injury from moving parts - Unplug Before servicing.
- If you develop a rash or skin reaction to wearing the BOOST shorts, discontinue use and contact your company representative.
- BOOST 2 devices have been tested according to speeds and weights on the product label. Use outside of these ranges is prohibited and may damage the equipment or blow a circuit breaker.

- Keep the rear of the machine clearly marked with pinch point stickers visible. Keep Boost step at the rear of the machine to mitigate against rear pinch hazard during machine incline.

WARNING - To reduce the risk of injury to you and others

- Always press the STOP button to end the workout.
- Never leave an infirmed or compromised patient who cannot support their own weight in the BOOST 2 unattended while a workout is in progress.
- Use the BOOST 2 only for its intended purpose as described in the manual. Do not use attachments not specified by the manufacturer.
- Do not operate the BOOST 2 outside.
- Keep the area behind BOOST 2 clear of objects and at least 78" (2 m) from walls or furniture.
- Ensure that there is a minimum 18-inch area around the perimeter of the machine free of all objects. Ensure that no objects with sharp edges or corners are in the vicinity of the machine such that they can fall over and puncture an inflated enclosure. Ensure that no heat sources or items that can melt or otherwise puncture the enclosure are in the vicinity of the Boost device.
- Keep your hands away from all moving parts.
- Keep hands and objects away from the lift columns.
- Never leave children unsupervised while on or near the BOOST 2.
- Inspect the BOOST 2 for worn or loose components prior to use. Replace any worn or loose components prior to use.
- Read, understand, and test all emergency stop procedures.
- Always use the emergency safety pull cord supplied with the BOOST 2 device. It can be clipped to an article of clothing while training. This is for the patient's safety in case of an emergency.
- Care should be taken when mounting and dismounting the BOOST 2. Never mount or dismount the BOOST 2 while the running surface is moving. Use the handrails and handlebar whenever practical or necessary.
- Wear proper athletic shoes with rubber or high-traction outsoles. Do not use shoes with heels or leather soles. Ensure no stones are embedded in the profile of the soles.
- The safety and integrity designed for the machine can only be maintained when the BOOST 2 is regularly examined for damage and/or wear and repaired if necessary. It is the sole responsibility of the owner or facility operator to ensure that regular maintenance is performed.
- Worn or damaged components should be replaced immediately, or the BOOST 2 should be removed from service until the repair is made. Only manufacturer-supplied or approved components should be used to maintain and repair the BOOST 2.

- Handicapped patients (e.g. fragile, patients with an intellectual disability, etc.) should never mount the BOOST2 without the help of the therapist. The therapist and attending physician must weigh the risks and benefits of using the BOOST 2.
- To ensure safety and maximize benefits, Boost Treadmills recommends all patients maintain proper running form and not shuffle their feet.
- Do not use USB cables over 1 meter in length on the machine to avoid getting the cable caught in moving parts.
- Do not exceed the maximum current draw of 500 mA from the USB port.
- The machine is designed for water bottles holding a MAXIMUM of 32oz or smaller. Please use carefully and avoid non-water substances and spillage on the machine.
- Use a heart rate monitor that is medically certified (UL/IEC 60601 safety and EMC standards).
- Inspect daily the emergency magnet lanyard for damage or structural integrity. The emergency magnet is essential as a precaution to safeguard against machine malfunctions so inspect daily to insurance there is no damage.
- Familiarize yourself with the emergency exit proceeds in the event of loss of power to the lifting mechanism.
- Risk of personal injury - Keep children under the age of 13 away from the machine.
- To reduce the risk of electric shock - unplug before cleaning or servicing.

SAVE THESE INSTRUCTIONS

2.2 Description of Warning Notices

Warning notices indicate potential hazards or safety risks. They are indicated in this manual by a color-coded signal word panel (symbol with the appropriate signal word).

All warning notices have the same design and the same standardized content design.

Sample of a Warning Notice:

⚠ SIGNAL WORD
Warning Text, Type and Source of Danger Description of the consequences of ignoring the danger. ►Measures, instructions and forbidden actions to avoid the hazard.

Classification:

NOTE	NOTE or WARNING (no danger symbol) No risk of injury, pertinent information and warning against material damage.
⚠ CAUTION	CAUTION (with danger symbol) Slight possibility of injury.
⚠ WARNING	WARNING (with danger symbol) In a dangerous situation a serious accident is possible with the possibility of injury or death.
⚠ DANGER	DANGER (with danger symbol) In the event of an accident immediate danger of death or serious injury.

2.3 Symbols and Signs used on Device and in the Manual

Safety relevant information is identified on the device and in the user manual using the following symbols:

	**Refer to instruction manual**
	**Follow the instructions for use**
	**CE label according to Regulation (EU) 2017/745 (MDR)**
	**Manufacturer** WOODWAY USA, Inc.
	**European Representative** WOODWAY GmbH
	**European Importer** WOODWAY GmbH

	**Year of construction**
MD	**Medical Device**
O I	**Mains switch (OFF/ON)**
	**Protective Ground Wire Connection** Motorized treadmills are electrical devices in protection class I. Proper ground wire connection must be ensured. This notice is located inside the housing of the treadmill.
	**Danger Due to Electric Voltage** This symbol warns the user of dangerous voltage inside the device.
	**Danger of Being Crushed** This symbol warns the user of potentially being crushed or pinched.
	**CAUTION!** - To reduce the risk of fire, replace only with same type and rating of fuse. Disconnect power before replacing fuse. **WARNING!** - Disconnect from supply circuit before opening. **WARNING!** - Remove E-STOP lanyard when not in use and store out of reach of children. **CAUTION!** - Risk of injuries to persons. To avoid injury, stand on side rails before starting treadmill. Read instructions before using.

	**Emergency Stop** Indicates location of emergency stop magnet (pull-cord type)
	**Grounding** Indicates operational ground connections inside the device.
	**Potential Equalization** For the connection of a potential equalization cable
	This symbol is used to label electrical and electronic devices that must not be disposed of together with normal, unseparated household waste but must be treated separately. The disposal must aim to avoid problems caused by heavy metals, flame retardants and with the respective waste management. Please contact an authorized representative of the manufacturer for information about the disposal of your device.

2.4 Intended Purpose

The intended use of the system is for athletic performance enhancement and the recovery of musculoskeletal injuries for those able to ambulate with body weight support.

The Boost 2 is a floor-standing unit which is intended for a commercial / medical environment for athletic performance enhancement and recovery from musculoskeletal injury.

The device allows the reduction of gravity's impact by allowing the patient to offset their weight by 20-100% (in 1% increments) while running/walking on the treadmill. This is accomplished by use of specialized shorts which are zipped into an air-pressurized enclosure. The patient may additionally select the treadmill speed (0-18MPH) and incline (0-15%).

⚠ WARNING

Danger from Improper Use!

Any improper use and/or other use of the device can lead to dangerous situations with significant personal injury and/or property damage.

- ► Only use the BOOST for its intended use.
- ► Avoid excessive training, as this can lead to injury.
- ► Read and strictly adhere to all information in the operating instructions.

The BOOST 2 assists patients in training, to increase stamina and physical fitness, and can be used for running, walking or standing.

The operating instructions are an integral part of the BOOST 2 and are to be available to all operators at all times. The exact observance of the instructions is a prerequisite for the intended use of the BOOST 2.

⚠ WARNING

Risk of Injury Through Risk of Falling!

The BOOST2 presents the danger of falling.

► Familiarize yourself with BOOST2 operation and operating principles before the first training.

► Always use the safety handrail when mounting and dismounting and when starting training

ATTENTION

Claims to the manufacturer of any kind due to damage from improper use are excluded.
The representative alone is liable for all damages resulting from improper use.

2.5 Indications

- Rehabilitation after injuries or operations on the lower extremities
- Endurance training for groups of people for whom normal running training is not possible for individual reasons
- Sport-specific endurance programs (e.g. supplementary training for competitive athletes)
- Active regeneration for (endurance) and other athletes Walking, proprioceptive-coordinative and strengthening training for neurological patients (e.g. after stroke, after incomplete paraplegic injury, Parkinson's disease, multiple sclerosis)
- Strengthening muscle strength and endurance in older patients
- Rehabilitation after complete joint replacement / preparation for artificial joint replacement (strengthening the joint-stabilizing muscles in patients who have pain-related atrophy)
- Disc prolapse / spinal stenosis with reduction of Pain-free walking/running distance -> maintenance of muscular status
- Lipolymphedema (in combination with lymphatic drainage and compression therapy)
- Cartilage damage/arthrosis of the lower extremities
- Tendinopathies of the lower extremities

- Degenerative lumbar spine syndrome
- Arteriosclerotic changes in the pelvic and leg area
- Weight control and reduction
- Newcomers to sport and those returning to sport

2.6 Contraindications

- Unstable fracture
- Cardiovascular impairment requires consultation with your physician
- Existence of a DVT requires consultation with your physician

2.7 Indirect contraindications / Warnings

Before beginning an exercise program, consult your physician, especially if any of the following apply to you:

- Pregnancy
- Cardiovascular diseases or impaired breathing and thus a limited exercise tolerance
- History of heart disease
- High blood pressure
- Diabetes
- Chronic respiratory illness
- Elevated cholesterol levels
- Smoker
- Other chronic illnesses or physical impairments

2.8 Symptoms During Training

Should you experience dizziness, chest pain, nausea, or any other abnormal symptoms while training on the BOOST 2, stop training immediately. Consult a physician prior to continuing training.

2.9 Personnel Qualifications and Responsibilities

⚠ WARNING

Danger Due to Improper Use!

Improper handling of the device can lead to serious personal injury and property damage.

► The device may only be operated by persons who have received instructions from qualified service personnel.

►WOODWAY recommends the use of a training record

Representative:

The representative is the person or company that is responsible for setting up, using, and maintaining the device.

The representative of the BOOST2 is responsible for the regular maintenance and testing as required by law. They are also obligated to provide adequate training/instruction to the operating personnel. The manufacturer recommends the training be carried out by a trained and authorized dealer or service partner.

Operator:

Operators of BOOST 2 are persons who use the device and have the "power of control" over the device. This can be a therapist, sports physician, or any other supervisor. The operator is any person who - regardless of qualifications - independently uses the product in the commercial sector.

The operator is personally responsible for the safety of the user (e.g. patient, test subject, athlete). Due to the high degree of responsibility, these people have a special obligation to provide information on all aspects of safety of the device and its intended use.

2.10 Essential Performance

The body weight support device shall provide a support structure to the patient at all times during the operation of the running surface. The bodyweight support system shall support the patient during operation of the treadmill.

2.11 Unauthorized Modes of Operation

⚠ WARNING

Unauthorized Use Can Cause Injury!

Using the BOOST2 in a manner not authorized by WOODWAY can be potentially hazardous.

- ► Only use the device for its intended use as described in the manual.
- ► DO not use unauthorized replacement parts or accessories that could interfere with the functionality or safety of the device.
- ► Always use the safety handrail when mounting and dismounting and when starting training.

► If the device is damaged or not functioning properly, do not use until it has been inspected and/or repaired by qualified and authorized personnel.
►Keep loose clothes and fingers away from lift columns.

The BOOST 2 may only be used for the aforementioned intended use. Any additional uses may result in serious personal injury and/or property damage.

The following restrictions and prohibitions must be strictly adhered to:

- BOOST 2 may not be used without prior instruction by qualified personnel.
- Children may not use the device or be left near the device unattended.
- Animals may not use the device or be left near the device unattended.
- The use of the BOOST 2 under the influence of alcohol, drugs and/or narcotics is prohibited.
- The BOOST 2 is not intended to be used by persons weighing more than 400 lbs. (180 kg).
- It is forbidden to use the BOOST 2 without its side rails.
- The operation of the BOOST 2 outside of the named ambient conditions in the section "Setup & Installation" (temperature, humidity, air pressure) as well as outdoors (e.g. outside of closed rooms) is not allowed.
- For people with health limitations or contraindications to physical exercise, the use of a BOOST 2 without prior consultation by a healthcare professional is prohibited.
- When stepping onto the BOOST 2, during walking exercises, and when stepping from the BOOST 2, the safety instructions in this manual must be observed. Here, the following restrictions apply:

    - Never jump onto the moving belt
    - Never jump off while the device is moving
    - Never jump off the front
    - Continue walking when the belt is moving
    - Never turn around when the belt is moving
    - Never walk sideways or backwards
    - Never set the stress level (speed) too high
    - Never jump on while the lift is moving
    - Never jump off while the lift is moving

3 Technical Data

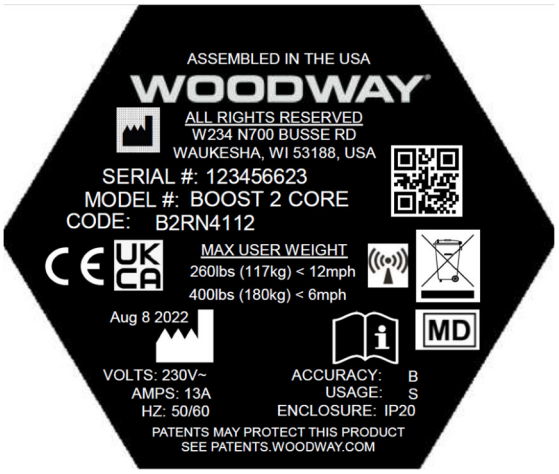
3.1 Name Plate

The nameplate contains the device's main technical details. For service questions, the technical information on the nameplate must be kept handy.

Boost 2 Core (US)

Boost 2 Elite (US)

Boost 2 Core (UK)



Boost 2 Elite (UK)

Boost 2 Core (EU)

BOOST 2 ELITE (EU)

3.2 Technical Specifications

BOOST 2 CORE & BOOST 2 ELITE	
Parameters	**Description**
Overall Dimensions	42″ W x 82″ L x 77″ H (117 x 208 x 196 cm)
Running/Walking Surface	22″ W x 60″ L (55 x 152 cm)
Speed	FORWARD SPEED Core: 12mph / 19kph Elite: 18mph / 29kph REVERSE SPEED Core: 5mph / 8kph Elite: 10mph / 16kph * all tolerances +/- .1mph
Incline	Core/Elite - 0-15% grade * tolerance is +/- 1% grade
Weight	738 lbs. (335 kg)
Technology Hardness / Lateral Play	60 slats (replaceable), rubber on aluminum T-sections 40 Shore A/4 mm lateral tolerance
Drive System	114 ball bearings, 12 roller guides
Max. User Weight	Running <18mph 260lb (118kg) ; Walking <6mph 400 lbs. (180 kg)

Conditions for Use (operation)	Temperature: 50°F to 92°F (+10°C to +33°C) Relative humidity: 30 - 85% (not condensed) Altitude: <2000m Enclosure Rating: IP20
Power Connection	Grounded plug Ratings: 120 VAC ; 16A; 60Hz (BOOST 2 CORE) 200-208V VAC; 16A; 60Hz (BOOST 2 CORE & ELITE) 230V, 13A, 50/60Hz (BOOST 2 CORE) 230-240V, 16A, 50/60Hz (BOOST 2 CORE & ELITE) Cord length: 6 ft. (1.8 m)
Fusing	Treadmill Fuses – 250VAC SB Type B, 16A Blower Board – FUSE GLASS 8A 250VAC 5X20MM (littlefuse 0218008.mxp); Circuit Designator F1, F2, F3 Hub board – 4 A 250 V AC DC Glass Fuse 5mm x 20mm (Bel Fuse PN 5ST 4-R); Circuit Designator F502, F802, F602, F702
Classification**	Safety class I device, EF Enclosure rating: IP20 Rated for continuous operation.
Applied Parts (Type B)	None

* For performance tests, intense intervals, or sprint training, runner's additional safety measures must be provided. In this case Boost strongly recommends the use of the all protection option with chest strap and emergency stop function to minimize the risk of injury.

** Classification according to EN 60601-1

3.3 Conditions for Use

Description	Parameters
Ambient Temperature	50°F to 91°F (10°C to 33°C)
Relative Humidity	30-85% (non-condensing)
Altitude	<= 2000m
Altitude	<2000m
Enclosure Rating	IP2X

3.4 Electrical Connection

IMPORTANT: The power cord must be properly protected at all times, both when in use and in storage.

IMPORTANT: Grounded receptacles are required for proper use of the BOOST 2 device. Failure to properly ground the device can lead to serious injury of the patient or operator.

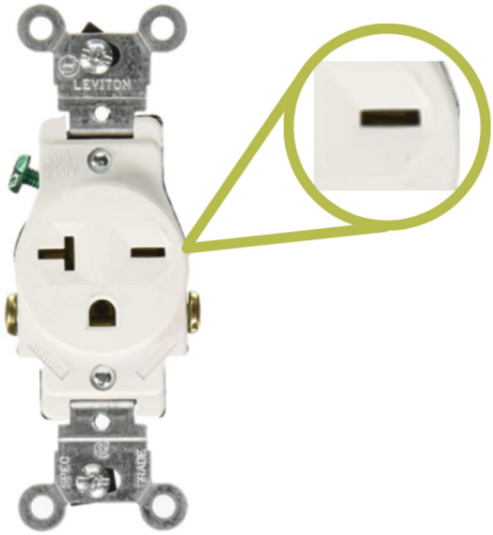
This product must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord with an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

DANGER – Improper connection of the equipment-grounding connector can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

US CONFIGURATIONS

The BOOST 2 CORE product has two configurations. In configuration 1, the BOOST 2 CORE is for use on a nominal 120-V circuit with dedicated 20A circuit breaker and has a grounded plug that looks like sketch A below. In configuration 2, the BOOST 2 CORE may be operated on a 200-208-V or 230V circuit with dedicated 13A breaker minimum and has a grounded plug that looks like sketch B below.

The BOOST ELITE product is for use on a nominal 200-208 circuit or 230V circuit with dedicated 20A circuit breaker in the US, and requires an outlet that looks like sketch below.



EUROPEAN CONFIGURATIONS

The BOOST 2 CORE and ELITE Products are for use on a 230V-240V circuit with 16A dedicated circuit breaker. The BOOST 2 CORE and ELITE products come equipped with a grounded plug.

The BOOST 2 comes standard with a grounded plug in accordance with CEE 7/7 (grounded "Schuko" plug). An appropriate "Schuko" socket is to be used on site.

UK CONFIGURATIONS

The BOOST 2 CORE Products are for use on a 230V-240V circuit with 13A dedicated circuit breaker minimum. The BOOST 2 CORE products come equipped with a grounded G/BS 1363 plug that will require an outlet that looks like the sketch below.

The BOOST 2 ELITE Products are for use on a 230V-240V circuit with 16A dedicated circuit breaker. The BOOST 2 ELITE products come equipped with a grounded plug that will require an outlet that looks like sketch below.

Section 3.2 details the standard electrical requirements of the BOOST 2 machines. There are different options depending on which model you own. If you have a different electrical configuration, please contact your sales representative.

DO NOT BEND OR REMOVE PRONGS. The plugs are polarized, meaning the prongs are different sizes and the plug can only fit in the outlet one way; if the plug does not fit, reverse the plug. If other power cord plugs are required, please contact the manufacturer.

Before connecting the BOOST 2 to the power supply, the information on main voltage and frequency (found on the nameplate) is to be compared with the on-site connection values. Only connect the device if the values match. Power surges or voltage drops can cause malfunctions or defects in the device.

No other devices may be operated on the same supply line. Each device must be operated with its own circuit breaker. The BOOST 2 must be grounded.

⚠ DANGER

Danger of Death by Electric Shock!

Improper handling of electrical equipment by unqualified persons can cause fatal electrical shock.

- ► If necessary, allow only qualified personnel to perform electrical installation.
- ► The power cord must not come into contact with hot surfaces or sharp edges.
- ►Electrical parts such as motor, power cord and power switch must not come in contact with water.

⚠ WARNING

Danger of Injury by Falling when Switching the Device Off!

A complete shutdown of the unit caused by power surges or voltage dips can cause abrupt deceleration of the running surface belt.

- ►In order to avoid malfunctions, all data on the nameplate must correspond with the actual terminal values!

⚠ WARNING

Danger of Injury by Tripping Over Wires!

Improperly installed wires represent a tripping hazard and danger of injury.

- ► Safe laying of power cords, interface cable, etc. outside of walking areas.
- ►The use of wiring channels.

4 Transportation and Storage

4.1 Safety Notices for Transportation

Check the BOOST 2 for damage upon arrival. Also check and compare supplied accessories with the corresponding delivery note.

The manufacturer is not liable for damages and missing parts if this information was not recorded in writing on the delivery note upon delivery of the unit. Damage or defects must be reported to the carrier and to the responsible Boost dealer immediately.

⚠ WARNING

Risk of Injury by Machine Falling or Falling Over!

Improper transportation of the device may lead to it falling over and causing injury or equipment damage.

- ► Only transport in compliance with the safety regulations.
- ► Only use the supplied carrying tubes for transport.
- ► Never lift the device using the railing or protective coverings.
- ► Ensure stable center of gravity and steadiness during transportation.

⚠ CAUTION

Risk of Injury From Lifting Heavy Device

The device is heavy. It is recommended to use four people when lifting and maneuvering the BOOST 2.

4.1.1 Boost Service

If necessary, transport or relocation can be organized and carried out by authorized service partners. For further information please contact Service.

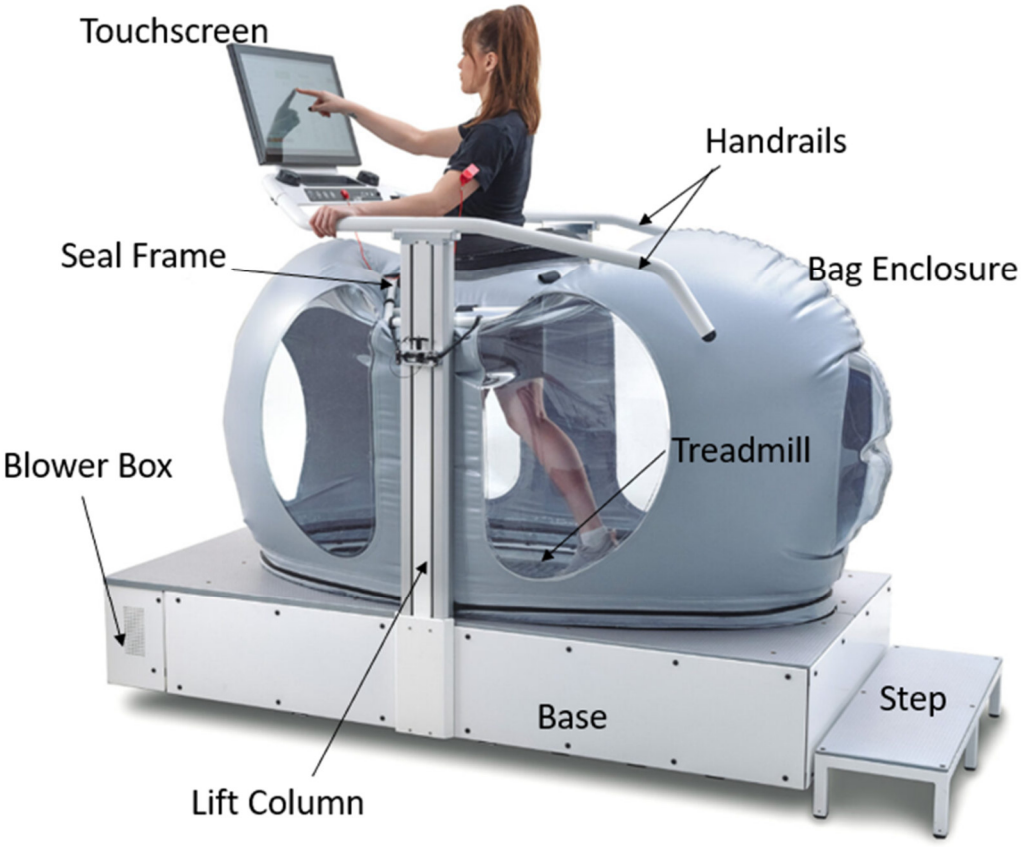
4.2 Storage and Transport

The device may only be stored in closed, dry rooms. It is absolutely necessary to prevent contact with moisture (rain, fog, etc.)

The following environmental conditions are prescribed for transportation and storage:

- Temperature: 50°F to 91°F (10°C to +33°C)
- Relative humidity: 30-85% (not condensed)
- Altitude: <2000m
- See the BOOST 2 Service Manual for additional information.

5 Product Description



See the following sections for a detailed description of the operation.

⚠ WARNING

Risk of Injury Through Falling!

During training, especially during the initial use of the device, there is a danger of injury from falling. Only transport in compliance with the safety regulations.

- ► Familiarize yourself with BOOST2 operation before training.
- ►Hold on to the safety railing during the first training program until you can move safely on the BOOST2

5.1 BOOST 2 Enclosure

The fabric enclosure, or enclosure, surrounds the BOOST 2 and holds air pressure. It is made of an extremely durable and strong vinyl reinforced fabric with vinyl windows. The enclosure is designed to be stepped on when entering or exiting the BOOST 2. The enclosure can be cleaned with a normal surface cleaner that you would use to items such as training tables, glass, etc. It should be cleaned regularly and inspected for leaks.

NOTE
If you find a leak, please discontinue use and contact Boost Service immediately.

5.2 BOOST 2 Shorts

The Boost shorts are designed to create a seal between your body and the enclosure. They are made of a special proprietary material that is safe to be worn against the skin, is air-tight, and durable. Short size should be chosen so that the shorts are snug around a user's thighs and waist, but comfortable.

Anything can be worn under them, but for comfort it is suggested to wear a pair of athletic tights or small shorts. Shorts should be washed after each use using a mild detergent and warm (not hot) water. They should be hung to dry. Never put them in a clothes dryer. With typical use, shorts have an approximate lifespan of one year.

NOTE

Shorts included with the purchase of a system come with a 90-day warranty.

5.3 Air-Pressure System

The air-pressure system is designed to create specific lift amounts on each individual user. The system measures both the inside and outside air pressure many times per second and is constantly adjusting to allow for comfortable and consistent use. The Air-Pressure system was designed to operate very quietly once the initial pressure is reached.

NOTE

If you notice the air pressure system not operating correctly, please contact Boost support immediately.

5.4 BOOST 2 Lift Column

The lift columns are designed to bring the enclosure up to the proper user height. The lift column brings the enclosure up to proper height based on the input user height before a workout. The lift column brings the enclosure up to the user's waist so the shorts can be zipped into the BOOST 2. The lift column then brings the enclosure down a small amount to the optimal height for the user's workout. When inflated, the enclosure will then rise to the optimal height during walking or running.

NOTE

If you notice the lift column not operating correctly, please contact BOOST TREADMILLS support immediately.

⚠ WARNING

Risk of Injury by Pinching!
The lift column contains a rotating member while the lift is in use, there is risk of danger of shredding.

- ►Do not touch the lift columns during use
- ►Keep hair, clothing, and jewelry away from the lift column during use

6 Setup & Installation

6.1 General

Ensure that the conditions applicable to basic safety and health requirements are met.

Read these operating instructions and the BOOST 2 installation manual completely before the installation of your BOOST 2.

Before installing the device, operational and functional safety are to be tested, including correct installation, electrical connection, and operator instruction.

In some cases, your BOOST 2 may be delivered completely assembled. Check immediately upon delivery for any signs of transportation damage and immediately report any damages to the transport company and manufacturer.

Position the BOOST 2 to ensure that the power cord can easily be accessed and disconnected when needed. Make sure it is not bent or angled such that it could disconnect.

⚠ WARNING

Do not modify the Device!
Do not modify this equipment without the authorization of the manufacturer.

6.2 Installation

NOTE

- ► It is required that transport, installation, and assembly of the BOOST 2 are carried out by the manufacturer or by an authorized dealer or service provider.
- ► Installation instructions may be obtained from Service.
- ► Otherwise, shipping damage or improper installation and assembly of the BOOST 2 could cause a hazard when using the device.

NOTE

Prepare a Stable Surface!
Before the device is installed, the surface must be prepared. The total weight of the device (with all the accessories and options) is to be considered.

► Prepare a stable and sturdy surface.
► Only install the device on a level, stable, and sufficiently sturdy surface.
► If necessary, install an additional base plate/floorboard.

6.2.1 Completion of Installation

Prior to starting operation, installation is to be completed with a trial run. During the trial run, all device functions are to be carried out and checked.

NOTE

Check Device!
After the trial run has been carried out, all bolted connections, couplings, and other connections are to be checked for tightness. Prepare a stable and sturdy surface.

6.2.2 Safety Checklist for Before Starting Operation

- Check sturdiness of the device
- Ensure that safety equipment is intact and functional
- Check the emergency stop switch and all control functions
- Perform a malfunction-free trial run
- Ensure all operators have received complete and proper instruction

6.3 Replacing Parts

For detailed descriptions of and instructions on replacing BOOST 2 parts, please contact Service.

NOTE

The use of NON-original replacement parts may change the characteristics of the device and interfere with the safe use. Boost does not accept liability for damages resulting from this.

⚠ DANGER

Danger of Death by Electric Shock!

Fatal electrical shock may occur if the unit is not disconnected from the power supply before assembly or disassembly.

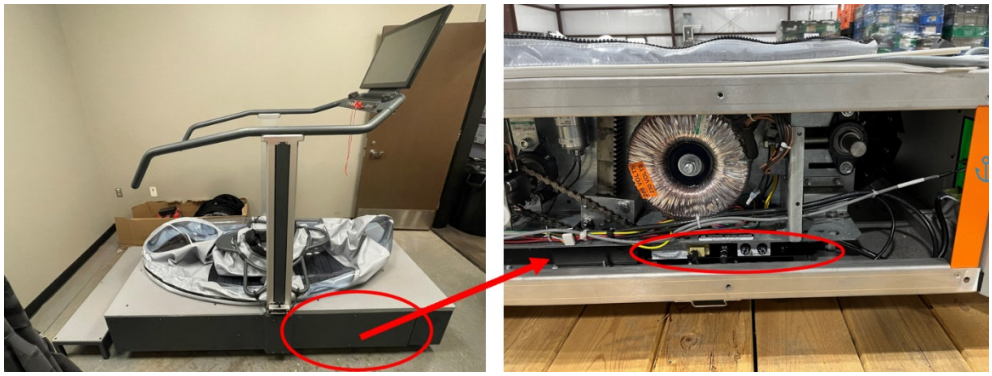
- ► The device must be stopped, switched off and unplugged before being worked on.
- ► Ensure the device cannot be switched back on.
- ► After the power is disconnected wait 10 minutes to ensure that live electrical components (e.g. capacitors) have discharged.

6.3.1 Fuses

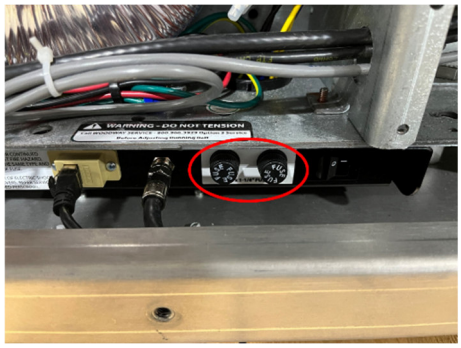
The location and instructions for changing the fuses in the Boost 2 are listed below.

WOODWAY FUSES

The fuses on the woodway base are located on the AC bracket behind the front-right hand side panel of the Boost.

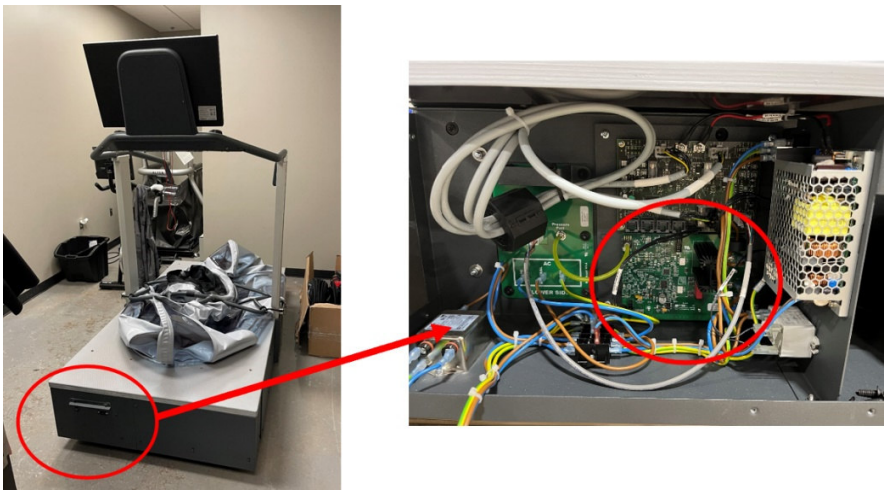


Ensure Boost 2 is powered down. To remove the fuses, push in and make a quarter turn to the left, then remove pressure and they will release. When replacing, ensure you have 250VAC SB Type B, 16A fuses and place them into the fuse holder. Insert the fuse holder into the AC bracket by pushing it in, then applying pressure while turning clockwise until they are properly seated.

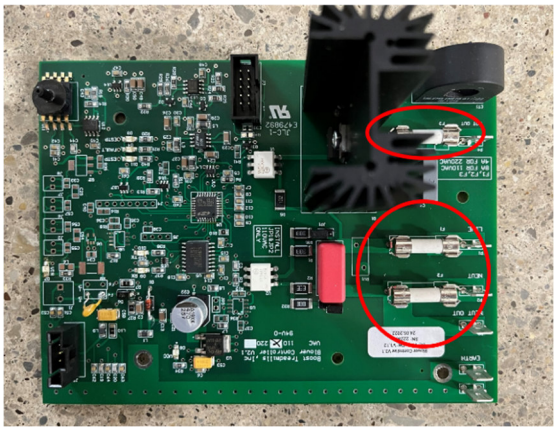


BLOWER BOARD FUSES

The fuses on the blower board are located in the blower box at the front of the Boost 2.

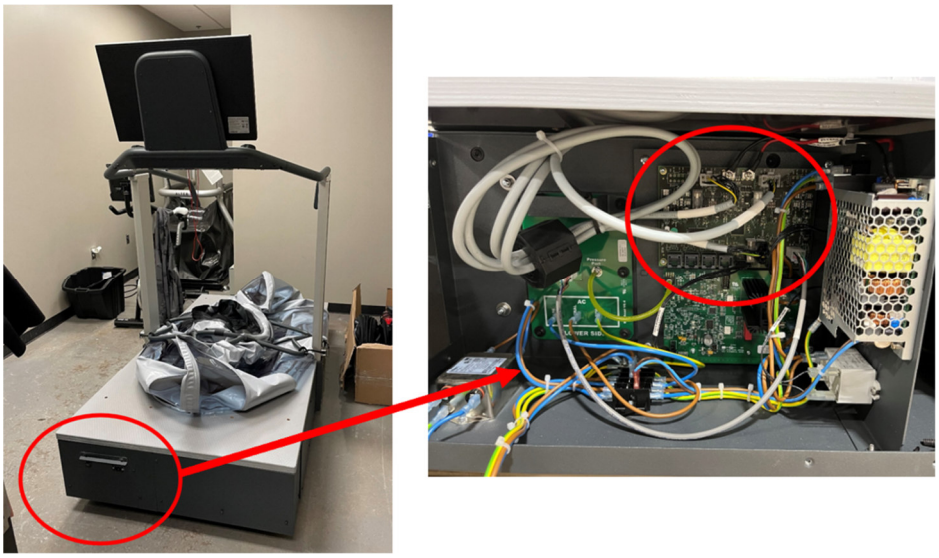


Ensure the Boost 2 is powered down. To remove the fuses, pry them out of the fuse holders with a screwdriver. When replacing, ensure you have glass fuses, 8A 250VAC 5X20MM (littlefuse 0218008.mxp). Insert the fuses back into the fuse holders by inserting one side, and then applying pressure to the other side until they click into place.

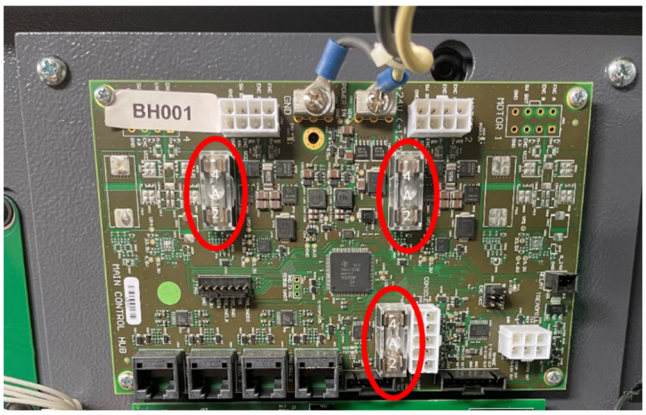


HUB BOARD FUSES

The fuses on the blower board are located in the blower box at the front of the Boost 2.



Ensure the Boost 2 is powered down. To remove the fuses, remove the plastic fuse covers and pry them out of the fuse holders with a screwdriver. When replacing, ensure you have glass fuses, 4A 250V AC DC 5mm x 20mm (Bel Fuse PN 5ST 4-R). Insert the fuses back into the fuse holders by inserting one side, and then applying pressure to the other side until they click into place. Finally, replace the plastic fuse covers.



7 Operation

⚠ WARNING

Danger Through Uncontrolled Running Surface Movement!

By stepping on the rear-most part of the running surface where it is rounded, the force of gravity can set the running surface in motion. There is danger of falling.

► Ensure that the user does not step on the rounded part of the running surface when mounting and dismounting.

7.1 For Your Safety

For safe operation and successful training please read the following points for your own safety before starting to use the BOOST 2:

- A safety confirmation popup will appear when you reduce body weight below 30%. Do not grab hand rails as this can offset bodyweight more than intended and creates risk of lifting you out of the enclosure. Go slow in reducing body weight further below 30%.
- Keep loose clothes and towels away from the running surface and the lift column. Ensure that shoelaces remain tied and not a potential hazard.
- Children and animals may not mount the BOOST 2! Never leave children or animals near the BOOST 2 unattended.
- Check the BOOST 2 for defective or loose components before use and replace or repair if necessary.
- Mount and dismount the BOOST 2 carefully. Never mount or dismount the BOOST 2 if the running surface is moving. Never mount or dismount the BOOST 2 if the lift is moving.
- For safety reasons and in the case of an emergency dismount, hold on to the railing and straddle the running surface with your feet on the left and right-side panels.
- Do not dismount the BOOST 2 until the running surface and the lift columns stop moving.
- Wear suitable running shoes with a high degree of grip.
- Do not use shoes with heels, leather soles or running shoes with spikes.
- To protect your device, ensure that there are no stones embedded in your shoe soles.
- Take a few minutes to get your heart rate in the desired range. Walk slowly for some time after a training session to give your body enough time to cool down and lower your heart rate to a resting rage.

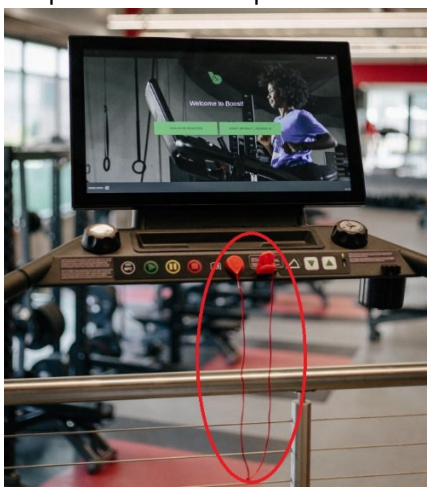
NOTE
The user/owner or representative of the equipment is responsible for ensuring that regular maintenance and inspection of the BOOST 2 is carried out. Defective components must be replaced immediately. The BOOST 2 should not be used until it is repaired by a professional.

7.2 Before Each Use

Before the unit is put into operation, the following checks are to be performed:

- Inspect running surface belt (look for dirt and damage to slats)
- Mechanical function of the bar railing (clamping screw must be hand-tight)

- Emergency stop magnet with pull-cord and clip attachment (damage and position)



- Enclosure and shorts integrity (leaks, cuts, or any other damage)
- Fall protection equipment e.g. hand-rail

⚠ WARNING

Danger of Being Pulled into Moving Parts!

In the event of a fall, people with long hair, loose clothing or jewelry can be pulled into running surface entry points.

► Remove jewelry and tie up long hair before using the device.
► Ensure shoelaces do not extend beyond soles of running shoes.

7.3 Practical Training

NOTE

CONSULT A DOCTOR!
If you are over 40 years old, have a heart condition, are overweight, or have not been involved in an exercise program for several years, a visit to the doctor is recommended before beginning an intensive training program.

7.3.1 Professional Consultation

For all BOOST 2 training beginners, it is recommended to seek the advice of a professional fitness instructor or personal trainer, to obtain an overall fitness assessment before starting an exercise program and develop an optimal training program.

For optimal use and safety during BOOST 2 training, the manufacturer recommends walking/running in an upright and natural running position and to avoid dragging foot movement.

7.3.2 Warm-Up and Cool-Down

A warm-up before each workout and a cool-down after each workout is recommended. You should always do some basic stretching exercises for the legs before and after training. At the end of each workout, it is recommended that the body weight is gradually returned to 100% body as you cool down.

7.3.3 Proper Body Form

When running or walking, it is important to maintain proper form to maximize efficiency and results and minimize the possibility of personal injury.

Keep your posture upright; avoid leaning forwards or backwards from the waist, as this can cause unnecessary back strain and decrease your efficiency. Keep your head, shoulders, and hips in line with each other and aim to have your foot strike the running surface in line with your center of gravity (i.e., you should strike the running surface with the midfoot or forefoot). If you land on your heels, you are over-striding and should shorten your stride to increase momentum and overall efficiency.

Keep your arms at your sides, either relaxed and naturally pendulum-like (walking) or with a loose 90-degree angle, bending at the elbows (running). Do not allow your hands to cross the center of your body or shoulders to move from side to side.

7.3.4 Training Frequency

At the beginning of training, allow yourself enough training and recovery time to improve physical fitness. After a break from training, you should also allow sufficient time to rebuild your physical condition.

7.3.4.1 Endurance Training

The priority is regularity and persistence of training – not intensity. Fitness experts recommend in the beginning training 3 – 4 times per week within your target heart rate for at least 20 minutes per workout. Your primary objective should be, step-by-step, to reach a level of fitness with which you can easily keep your heart rate in the target range for 50 – 60 minutes, 4-5 times per week.

7.3.4.2 Running Shoes

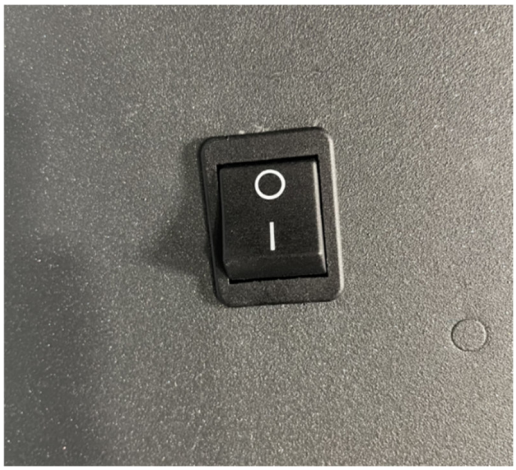
In order to prevent sore feet and sore muscles caused by incorrect footwear, the use of high-quality running shoes is recommended. Ensure there is adequate support and cushioning.

7.4 Instructions for Use

BOOST 2 Display, Buttons, and Dials

7.4.1 Powering On/Off the BOOST 2

On the front face of the BOOST 2 device adjacent to the power cord entry is the On/Off switch. This switch powers the device On and Off. If a power cycle is ever required, or at the end of a day, it is recommended to use this switch.



7.4.2 BOOST 2 Entry

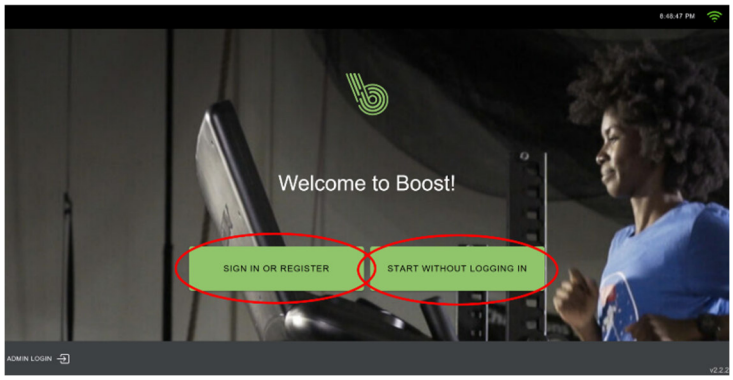
1. Select the proper short size and put the shorts on with the Boost logo on the left quadricep. The shorts should be snug around a user's thighs and waist, but comfortable enough for exercise.

The following table will help you choose the right shorts size

2. Wear form fitting clothes such as athletic leggings or small shorts underneath to ensure that the Boost shorts remain tight over multiple uses. Remove all objects from pockets, especially sharp or pointed objects, to avoid injuries or pressure points. Remove shoes prior to putting the shorts on. You can put the shoes on after the shorts are on.
3. Step into the machine. You may want a stepping stool to help you get on the machine or use the Boost Step accessory. You can step into the machine facing the console for forward movement or step in facing the sides for lateral movements. Use the railing to assist you while getting into the machine. It is okay to step on the enclosure while getting into the machine, but avoid the clear windows where possible. If the enclosure is already lifted, you can lower it using the bodyweight dial on the Welcome Screen or the Lower Enclosure button on the Home Screen.

7.4.3 Setup

1. Use the "Sign in or Register" or "Start without Logging in" buttons to set up a workout, then select your height and shorts size. Confirm your information and then allow the carriage to raise to the proper height using the "Confirm" button on the screen.

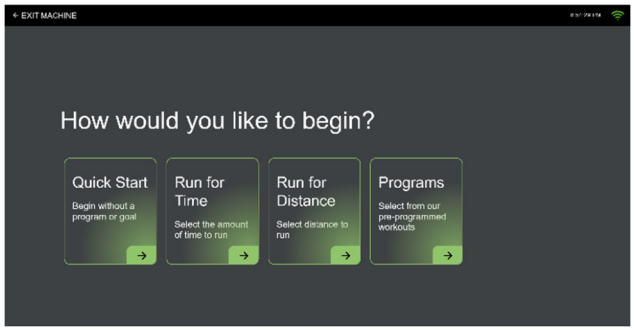


2. Zip the shorts into the enclosure. It is suggested that the hoop around the shorts is inserted into the enclosure before zipping in. To zip in, match the loose end of the zipper on the shorts to the loose end of the zipper on the bag as shown in the figure below (looking down from a user's perspective).

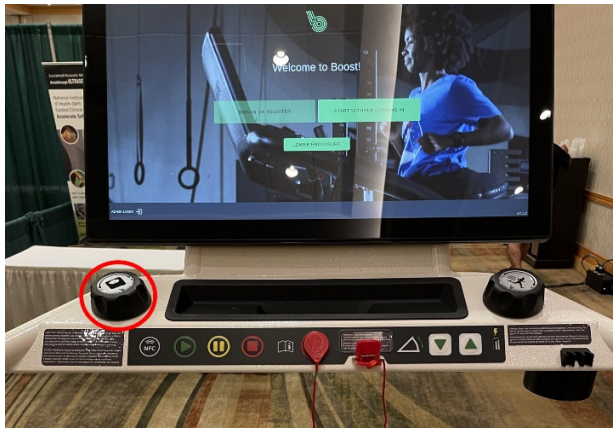
3. The height of the enclosure is selected based on the input user height. The user height should have been selected before zipping the shorts into the enclosure.
4. For lateral movement, use the zipper on the right side of the shorts to zip into the enclosure. If you want to lead with your left foot, put the shorts on normally. If you want to lead with your right foot, put the shorts on backwards and face the other direction.

7.4.4 Starting Workout

1. Select the type of Workout you'd like to do. Options include Quick Start, Run for Time, Run for Distance, or a Programmed Workout.



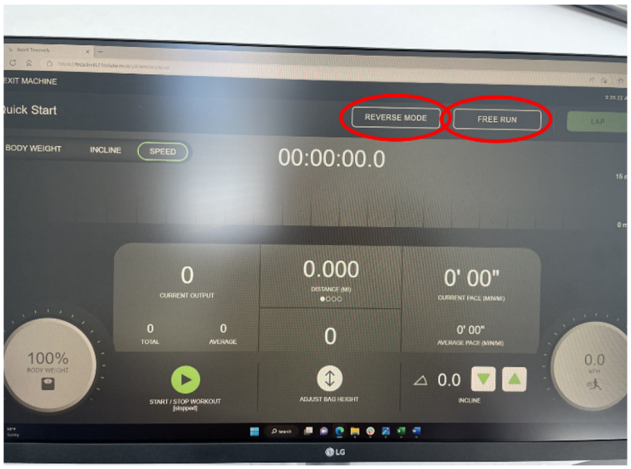
2. Use the dial on the left to control the body weight percentage. This increases or decreases your body weight in the machine. This dial also controls the lift height when the workout is paused or finished.



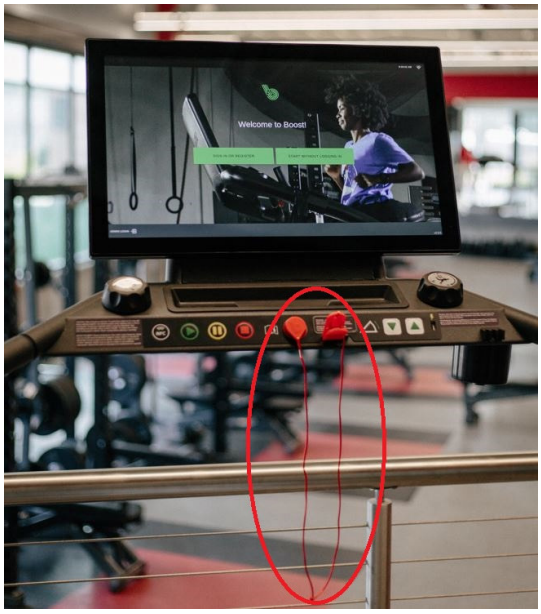
3. The red stop button finishes the workout, deflates the enclosure, and stops the treadmill.
4. The yellow pause button pauses the workout, deflates the enclosure, and stops the treadmill.
5. The start button inflates the enclosure to desired body weight percentage after pausing the workout.
6. The triangle buttons increase or decrease the incline of the machine.

7. Use the dial on the right to control the speed of the treadmill.

8. Reverse Mode and Free Run Mode can be accessed using the buttons in the top right of the workout screen.

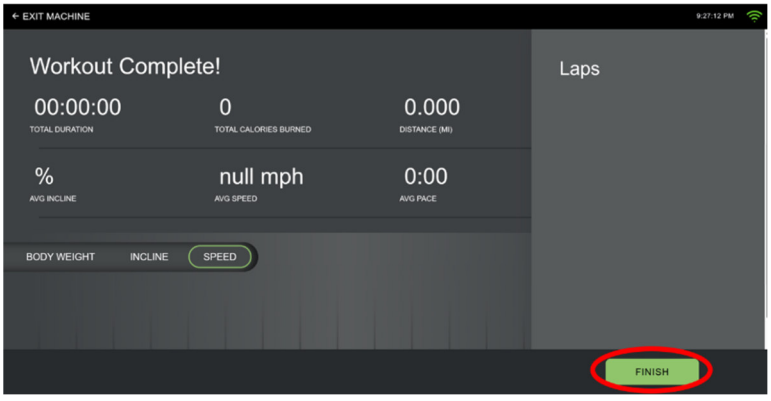


9. The red magnet is the emergency stop. The clip attached to it MUST be attached to the user during operation. Once the magnet is removed, the enclosure will be deflated, and the treadmill will stop. The machine will not start again until the magnet is placed in its original location.

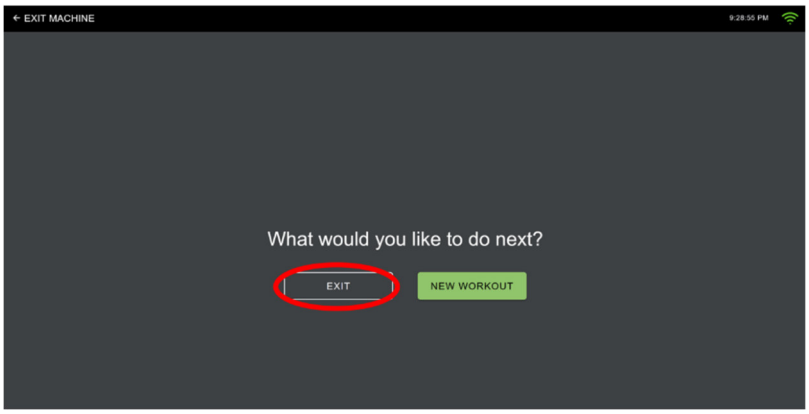


7.4.5 Completing Workout

1. Turn the speed dial down to zero and lower the incline to zero
2. Hit the square stop button and then press 'Finish' on the bottom right corner of the screen.



3. Select "Exit". Once the enclosure has deflated, unzip the shorts from the machine while keeping them on.



4. Once the shorts are unzipped, confirm so on the screen and the lifts will lower. When the enclosure is lowered to about 22 inches, the machine will display a prompt to make sure everything is clear of the lift before the lift lowers the rest of the way.
5. Step out of the machine. Be careful as to not trip over any parts while stepping off the machine. Use the side rails to assist you out of the machine. It is okay to step on the enclosure.
6. Take off the shorts. Remove shoes prior to taking off the shorts.
7. When done, turn the lift knob or use the UI buttons to raise the lift into an elevated position. This will help the enclosure air out and prevent creasing in the fabric and windows that could shorten the service life of the enclosure.

7.4.6 Emergency Exit, Removing Seal Frame from Lifts

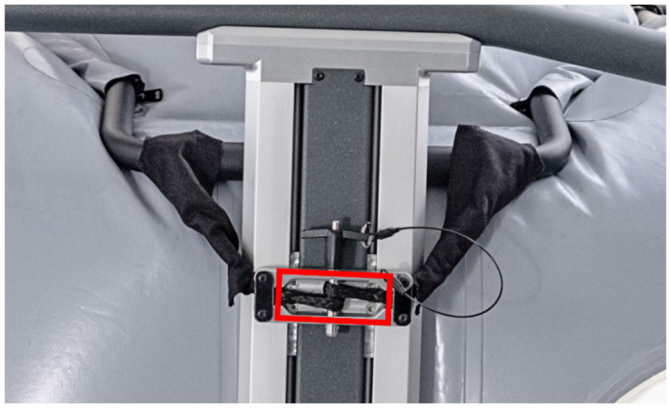
In the event of loss of power to the machine, the seal frame and enclosure around the user may be released and lowered manually as follows:

1. Unzip the user from the enclosure first so the shorts are not connected to the enclosure which will next be lowered.
2. Remove the left and right release pins by pressing the release button and pulling the pins vertically UP. This will release the ropes that connect the metal seal frame around the user to the lift columns.

3. Allow the seal frame and enclosure to drop to the floor, manually push any fabric out of the way that may impede a user's egress from the machine.
4. Instruct the user to exit the machine carefully.

In order to reconnect the seal frame and enclosure to lift columns:

1. Troubleshoot or restore power to lower the lift columns to the base (perhaps requiring a reset of the power).
2. While in the lowest position, remove any cover to the lift columns to expose the cavity where the release pin goes.
3. Feed the release pin first through the top lip in the lifting carriage, then through each loop in the front and rear rope (order doesn't matter), and then through the bottom lip in the lifting carriage. NOTE: you have to hold down the release button to allow the release pin to go through the holes in the lifting carriage.



4. Test pull vertically on the release pin (without holding the release button) to ensure the release pin is securely in place before replacing the cover.
5. Replace the cover to the lifting carriage.
6. Test the security of the seal frame to hold the enclosure down at low pressure first to ensure integrity of the reconnection before using the machine again with patients.

8 Cleaning and Maintenance

⚠ WARNING

Danger of Injury due to Lack of Qualifications!

If maintenance or repairs are not carried out by professionally qualified personnel, this may cause material damage and serious injury.

- ► Maintenance and repair work may only be performed by qualified personnel!
- ► It is the sole responsibility of the representative to assign qualified personnel for maintenance and repair work.
- ► In case of doubt or questions, always contact the WOODWAY customer service or dealer!
- ► The manufacturer is not liable for personal injury and material damage caused by a lack of qualifications!

For maintenance (servicing, inspection, repairs) of medical products only to persons, companies or entities who have the expertise prerequisites and the resources necessary for proper execution of this task may be assigned by the representative.

The requirements for persons, firms or entities are considered fulfilled if because of their training and practical work on the required area, in the maintenance of medical devices and the installation areas necessary, including their characteristics, size, equipment and facilities and the required equipment other working assets and are capable to carrying the work out properly and comprehensibly.

After maintenance or repair of medical devices structural and functional features that are essential for the safety and functionality must be checked, insofar as they may have been affected by the maintenance measures.

8.1 Cleaning

Periodic cleaning and inspection of the BOOST 2 will help lengthen its life while keeping it looking like new. With this preventative maintenance, it will be easier to identify possible issues that might otherwise be overlooked.

⚠ DANGER

Danger of Death by Electric Shock!

The use of water and liquid detergents as part of cleaning work can cause serious or fatal electrical shock.

- ► No liquids may come in contact with electrical parts such as motor, power cord and power switch, control monitors.
- ► Do not spray the device with a water jet.
- ► Pull power plug before cleaning, equipment must not be connected to power! Ensure the device cannot be switched back on.

The running surface should be thoroughly cleaned at regular intervals, depending on the intensity of use.

Remove light dirt and dust with a soft cloth. Dirt can be removed with a slightly dampened cloth. After cleaning, dry with a dry cloth and apply an anti-static spray. Don't use a soaking wet cloth or dripping water to clean the devices.

8.1.1 Cleaning Notes

- Do not use abrasive brushes or abrasive cleaners, as the paint and plastic surfaces can be scratched.
- Do not use sharp tools (e.g. knives, metal scrapers) or aggressive cleaning solvents for cleaning.
- Clean all surfaces with a mild, non-abrasive detergent (e.g. *409* or *Fantastic*, diluted with water to 50/50).
- Do not use any alcohol or ammonia-based cleaners.
- To avoid damage to component surfaces, observe the instructions for detergent use.

8.1.2 BOOST 2 Shorts

The shorts should be washed periodically as sweat and other particles contaminate the shorts. The shorts should be washed with mild detergent and warm water and air dried. Do NOT put the shorts in the dryer.

NOTE

Boost Shorts must be cleaned strictly according to provided instructions. Using unauthorized cleaners and processes can cause rapid degradation of shorts material and cause leaking of shorts and lead to machine errors. Contact Boost service with any questions.

8.1.3 Lift Column

The lift column should be checked periodically by a technician. The lead screw and guide rails in the lift columns need to be greased periodically. Call immediately if there is suspicion of any issues with the lift column. See below for specific maintenance instructions.

1. First and foremost, make sure that your lift carriage is lowered fully by turning the body weight control knob on the left of the screen.
2. Remove the lift motor cover at the base of the lift columns by taking out the 4 screws (2 top, 2 bottom) using a T20 torx bit.
3. Remove the tall skinny lead screw cover that runs up the middle of the lift column by taking out the 4 screws (2 top, 2 bottom) using a T20 torx bit.
4. Before applying any grease, remove any old grease on the lead screw using a rag or paper towel.
5. Using an aerosol can with a straw on it (we recommend using Blaster White Lithium Grease) apply grease to lead screw from top to bottom at a rate of 1 inch per second to ensure the proper amount of grease is applied. Apply a LIGHT coat only.
6. Next, apply grease to each of the 2 guide rails at a slightly faster rate of 6 inches per second. Again, apply a LIGHT coat only. ***IMPORTANT: DO NOT USE WD40 OR ANY SOLVENT/CLEANING AGENT. THIS CAN DEGRADE THE GREASE AND LIFT COLUMN MECHANISM, RESULTING IN MACHINE FAILURE***
7. Use the body weight control knob to the left of the screen to SLOWLY move the lift carriage up and down the entire length of the lift column a few times to help spread the grease.
8. Wipe off any excess lubricant that may have spread to the outside of the lift column.
9. Re-attach the lead screw cover first, followed by the motor cover.

8.1.4 Boost Enclosure

A damp rag with soap and water should generally be used to clean the Boost enclosure. If disinfection is needed, use a 10% bleach solution and wipe clean with soap and water. There is no specific cleaning interval required for the enclosure, but inspect regularly, recommended weekly, in order to catch any signs of damage early enough that small holes can be patched.

8.2 Maintenance Intervals

The BOOST 2 must be maintained properly in order to extend the lifetime of the machine and to ensure user safety. It is recommended that the customer have a professional preventative maintenance service done annually by the company.

Regular Maintenance

On a regular basis (weekly recommended), inspect the following components for damage, wear, or requiring attention otherwise)

- Enclosure has no tears or defects
- Exposed fasteners are tight, especially the handrails and nuts on the leveling feet
- Ropes have no fraying or break in the fibers
- Smoothness of lifts doesn't require grease
- Disinfect rails, display, knobs, and side covers
- Visually inspect power cord for damage

8.2.1 Parts Service Lift Notes

- The lead screws and guide rails in the lift columns should be lubricated by spray on white lithium grease every 5000 cycles or 6 months of use. Call immediately if there is suspicion of any issues with the lift column.
- Components within the blower wear out over time and should be checked periodically and replaced after roughly 1000 hours of use.
- The lift ropes may need to be swapped once a year but should be verified by a technician.
- Gaskets wear out over time and may need to be replaced approx. every 2 years, but should be verified by a technician.

8.2.2 Treadmill Maintenance

For treadmill maintenance, please contact Service for more information. Some issues that might occur are listed below.

- The belt will need to be re-tensioned periodically.
- The incline racks need to be lubricated.
- Anti-static spray should be applied to the running surface semi-annually.

⚠ DANGER

Danger of Death by Electric Shock!

Maintenance and inspection work on the unit may cause serious or fatal electrical shock.

► Pull power plug prior to any maintenance and inspection work on the equipment. The device must not be connected to power! Ensure the device cannot be switched back on.

⚠ CAUTION

Maintenance Worn or damaged components must be replaced immediately. If the observed deficiency can cause danger to the user or operator of the BOOST 2, it needs to be taken out of service until repaired.

NOTE

Not carrying out the annual maintenance will void the warranty.

NOTE

It is recommended to enter maintenance and repairs in the Maintenance Report

8.2.3 Functional Test

A complete function test of the BOOST 2 must be carried out depending on the duration and intensity of use.

A function test includes the following:

1	Put on a pair of BOOST shorts and get onto the machine.
2	As the lift brings the enclosure up, is the lift moving at a constant speed? Do unusual noises occur?

3	Does the lift bring the enclosure up to the proper height displayed on the screen?
4	Operate the display to provide air pressure. Straddle the running surface for the remaining steps below (Feet on side covers; not running).
5	Turn up the treadmill to maximum speed for a short time. Does the treadmill reach the specified max. speed? Do unusual noises occur?
6	Does the display correctly show the distance traveled at top speed?
7	Stop the treadmill and move it to maximum incline. Does the treadmill reach the desired incline?
8	Do unusual noises occur while the treadmill is running at maximum incline?
9	Check the emergency stop magnet function. Is the emergency stop initiated?

NOTE

If there are defects or deviations in the control function, notify Boost Customer Service immediately.
The device must be taken out of service and disabled until repaired.
Repairs may only be carried out by trained and authorized personnel.

For further information on maintenance procedures, refer to the separate BOOST 2 Service Manual.

8.2.4 Immediate Service

A repair must take place in the following situations:

- Liquid has gotten into the device.
- Damaged power cord (cable, plug).
- Defective drive system toothed belt.
- Suspected bearing damage.
- Suspected/established device defect.
- Bucking, sudden stopping, or accelerating of the running surface.
- Button(s) fail to function.
- Burning smell, smoke, or unusual noises.
- Malfunction (failure) of the emergency stop button.
- Malfunction (failure) of the emergency stop magnet.
- Malfunction (failure) of the lift.

- Damage to the running surface belt.
- Hole in the enclosure.
- Cracking in any welding joints.
- All other defects which may affect the safety of the device.

8.3 Disabling the BOOST 2

Disabling is required if the safety of the BOOST 2 is not guaranteed or if it is suggested that this could be the case.

Disable the BOOST 2 immediately if there are any safety concerns and contact Service by telephone.

A device must be disabled if the following symptoms occur:

- Unusual noises
- Appearance of smoke
- Uncontrolled stopping or accelerating of the treadmill
- Uncontrolled movement of the lift
- Rocking of the running surface belt
- Damage to slats or other mechanical damage
- Spilling of liquid on the BOOST 2
- Other symptoms/situations which could cause danger to the patient/operator

Disabling can also be requested of Customer Service by telephone. In this case, the device representative is obliged to carry out the disabling and to confirm with Customer Service in writing.

Exceeding the maintenance intervals by several months also makes temporary disabling of the BOOST 2 necessary.

NOTE

The representative is responsible for property damage or personal damages caused by incorrectly disabling or not disabling the BOOST

The disabling of the BOOST 2 must be such that an unintentional and/or unauthorized restart can be ruled out and that the name of the person who is authorized to put the BOOST 2 back into operation can be seen labeled on the disabled Boost 2 Device.

The representative is to disable the BOOST 2 in the following situations:

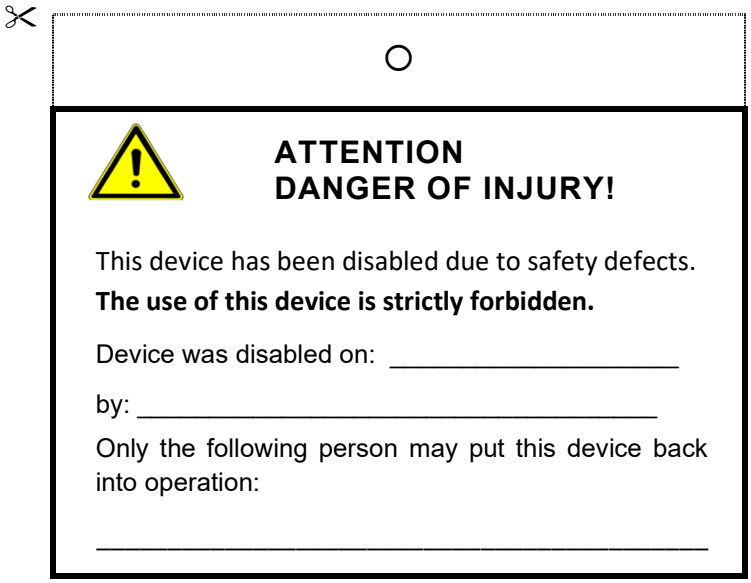
- There is reasonable suspicion of danger to the health and safety of patients, employees, or third parties
- Defects exist that could endanger patients, employees, or third parties

The removal of the power plug from the outlet alone is not sufficient for the disabling of the BOOST 2, since third persons who have not been informed about the disabling could plug the BOOST 2 back into the power supply and use it.

The following measures must therefore be taken to disable a BOOST 2:

10. The unit must be turned off and the power plug must be unplugged from the wall socket (disconnected).
11. The BOOST 2 must be marked "disabled" in a clear manner such as: "CAUTION DANGER OF INJURY" and the notice must be clearly displayed. In addition, the date of disabling, reason for disabling, and name of the person/organization that disabled must be specified.
12. It must be determined which authorized person - possibly after maintenance and repairs - may start up the BOOST 2 again.
13. The fuses must be removed from the power supply box in the Woodway 4 Front base and kept in a safe place. Attach one of the following safety labels to the BOOST 2 power supply fuse box.
14. Apply the second safety label to the plug of the power cord.

Sample Label for Disabling a BOOST 2:



9 Troubleshooting

Contact Customer Service

ATTENTION

With the exception of the maintenance work described in this chapter, the BOOST 2 can only be checked and repaired by qualified personnel.

If necessary, contact the manufacturer or an authorized dealer or Service Center.

If you have problems with your BOOST 2, please consider the answers to the following questions before calling Customer Service:

- What is the make, model, and serial number?
- What happened before the problem occurred?
- Did the problem occur suddenly or slowly over time?
- Was the BOOST 2 in use when the problem occurred?
- Was the running surface ENGAGED or was it in DYNAMIC MODE?
- Explain all the other information that you consider relevant.

10 Device Lifetime

The service life of this device is 7 years.

Warranty Information

Boost warrants that all products and accessories will be free from manufacturing defects according to the applications/terms listed above. The warranty period commences on the original date of purchase (with the exception of the running belt component, which is warranted for a period of four (4) years from the original date of purchase). This warranty is given only to the original purchaser. This warranty does not cover damage or equipment failure resulting from misuse, abuse, or failure to comply with electrical codes. Further, this warranty shall not apply if there is any modification to the products or accessories or if there is a failure to provide maintenance as outlined in the Owner's Manual.

BOOST GIVES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. THE WARRANTY OF FITNESS FOR A PARTICULAR USE IS HEREBY DISCLAIMED.

The buyer's remedy for breach of the expressed warranties contained herein shall be limited to the return of the product and accessories and repayment of the original purchase price. However, provided at Boost selection, it may repair and replace the non-conforming goods or parts. Boost shall not be liable for any incidental or consequential damages.

11 Maintenance Report

DATE	MAINTENANCE MEASURES	FROM	REMARKS

12 Record of Instruction

Once the treadmill has been supplied, installed and the function test performed, the Boost/WOODWAY employee responsible or the authorized Boost/WOODWAY distributor will carry out the instruction procedure for the equipment. All persons who will be working with the equipment in future (users) must be included in the instruction procedure. Once the initial operation and instruction has taken place, the instruction protocol must be signed by the instructor and all those instructed, and a copy sent back to Boost/WOODWAY.

Step	Description	Conducted
1	Transfer of operating and maintenance instructions. • The manual is always to be kept within easy reach of users. • The availability of the manual is required and will be checked at each inspection. • Indicate position of Serial Number on label in the event that it is needed to open a service case.	☐
2	Reference to the general hazard statements and safety requirements according to the manual. • Indication of specific treadmill hazard statements according to area of application (benefit/risk assessment by the therapist, etc.). • Assistance in mounting the treadmill for frail/disabled persons.	☐
3	Note of required operation clearance. • 78 in/200 cm in the rear. • 18in/ 46 cm in the front and on both sides of the Boost.	☐
4	Switching the unit on and off with the power switch. • Switch located on the blower box at the front of the machine. • Explanation of the different functional states of the device (off, sleep, ready). • Explanation of tapping the monitor to exit sleep mode.	☐

Step	Description	Conducted
5	Instruction on Initialization Phase. • After turning on the Boost, the device goes through a start phase, which lasts about 30-40 seconds. • User/patient should not get on the treadmill during the start phase. • Then the lift columns must me initialized before the treadmill can be used. • Before initialization, check for any obstructions to the lift columns or anything that could damage the enclosure.	☐
6	Explanation and demonstration of the various safety devices on the machine (emergency stop magnet with rip cord). • Note on using of safety devices to stop any actuator on the machine in an emergency. • Correct attachment of the safety clip and designated clip tab for when unit is not in use. • Explain the pins on the rope carriage that release enclosure in the event of a lift column failure.	☐
7	Explanation of the controls on the console and their function. • Explain Start/Pause/Stop, and Incline button on the membrane panel and their functions. • Notice of knob function including lift control when treadmill is not in workout mode.	☐
8	Demonstrate operation of the treadmill in the different running modes. • Explanation of free run mode, noting that caution should be used when increasing incline in this state. • Explanation of reverse mode and the speed limitations noted in the technical specifications table.	☐
9	Explanation of the indicators in the workout screen.	☐
10	Operation of the treadmill via customized workout programs, run for distance, run for time, and quick start options.	☐

Step	Description	Conducted
11	Instructions for correct use of blood flow restriction (BFR) accessories. • Correct inflation of the bands. • Correct wearing of the bands. • Behavior in case of problems, malfunctions, possible causes and sources.	☐
12	Instructions for correct heart rate measurement and limitations. • Correct wearing of equipment. • Behavior in case of problems, malfunctions, possible causes and sources.	☐
13	Notice to the USB port on the console.	☐
14	Instructions on cleaning the treadmill with reference to the manual. **Important notices:** • When cleaning the unit always pull the power plug before the start. • Maintenance and repair of medical devices and electrical equipment only by authorized personnel (Boost/WOODWAY service technicians, authorized Boost/WOODWAY service partner or medical technician).	☐
15	Notice on regular and recurring maintenance intervals with regard to safety checks in Section 8 of the User Manual. • Maintenance and Warranty information/offer.	☐
16	Final photographs of the device from two different perspectives. (to be submitted on installation checklist)	☐

Step	Description	Conducted
17	Explanation of possible malfunctions that must lead to a disabling of the treadmill: • Bucking, sudden stopping or sudden acceleration of the treadmill • Failure of buttons • Burning smell, smoke, or unusual noises, • Damage / loss of the emergency stop magnet with pull cord • Malfunction (defect) of the emergency stop magnet • Damage to the running surface belt • Damage / malfunction of the lift columns • Damage / malfunction of the monitor • Damage to the Boost enclosure	☐
18	Instructions on updating the software of the Boost. • Navigating to the General Settings from home screen.	☐
19	Instructions for removal and replacement of the enclosure. • Explain detachment from seal frame. • Indicated both sippers at the base of the enclosure.	☐
20	Instructions for use and care of shorts as indicated in Sections 7.4.2 and 8.1.2 of the User Manual.	☐

Confirmation of Commissioning and Instruction Protocol

By signing the instruction protocol, the instructor and the customer confirm the completion of qualified instruction on commissioning. Disregarding warnings, safety regulations, intended and prohibited use, as well as unauthorized or defective maintenance and/or repairs and/or safety-related checks can lead to injury or even death, and/or can damage the equipment, and/or lead to loss of any material defect liability entitlement and other liability entitlements. Please fill out the instruction protocol completely and send it back to Boost/WOODWAY.

Boost 2 (using WOODWAY treadmill) **Serial no.:** _____

Model: Boost 2

Technical instruction was completed on: _____

(Date)

Technical instruction took place on: _____

(Date)

Place of transfer / instruction: _____

_____

_____

The following persons received instructions:

_____ _____

(Name and position) (Signature)

_____ _____

(Name and position) (Signature)

_____ _____

(Name and position) (Signature)

_____ _____

(Name and position) (Signature)

Remarks: _____

_____

_____

_____

_____ _____

(Location, Date) Name (printed capital letters)

Instructor Signature (Medical device consultant)

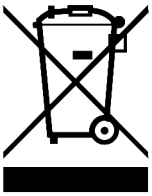
13 Disposal

The disposal of the equipment must be in accordance with the respective national regulations.

Electrical and electronic devices must be disposed of separately from normal household waste.

An appropriate waste disposal company should be contacted. Properly dispose of the device at the end of its service life (e.g. the local collection point for waste separation):

- The device packaging is disposed of through resource recycling.
- The metal parts of the machine go to scrap metal disposal.
- Plastic parts are given to plastic recycling.
- Electric components and printed circuit boards are disposed of as electronic scrap.
- Rubber parts are disposed of as hazardous waste.

	This symbol indicates electrical and electronic equipment that cannot be disposed of with as standard waste, but must be handled separately. Disposal must be carried out to prevent problems with heavy metals and flame retardants in accordance with relevant waste management. Please contact the manufacturer's authorized representative in order to obtain information concerning disposal of your equipment.
	The disposal of the equipment must be in accordance with the respective national regulations. Wear parts are considered hazardous waste! After being replaced wear parts must be disposed of according to country-specific waste laws.