

WOODWAY®

For The Long Run®

Curve - Owners Manual



Curve / Curve Trainer / Curve XL / Curve FTG

Note: If viewing this manual using Adobe Acrobat Reader, "Clicking" on the **Chapter Headers** or any of the **Sub-Chapter Headers** in the Table of Contents will take the reader to the desired chapter.
Clicking on the **WOODWAY** header at the top of the page will return the reader to the Table of Contents.
Call-outs within the document that are **Blue** and or **Underlined** are hyperlinks that will take the reader to specific portions of the manual when "clicked" on.



Read these instructions carefully before beginning any maintenance or service on the treadmill.
Follow ALL Safety protocols and Lock-Out Tag-Out (LOTO) directives.

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My WOODWAY _____ Arrived on _____
Model Name Date

WOODWAY History

WOODWAY's history begins in Germany in 1974. Willi Schoenberger, a technical director in charge of planning a fitness center, noticed that the most important piece of equipment, the treadmill, didn't meet the most important requirements: a mechanically sound machine that is designed to meet human needs.

He envisioned a comfortable walking surface that didn't interfere with the natural bio-mechanics of running or walking. Also, he wanted a transportation system which eliminated the friction associated with conventional conveyor-belt treadmills. After intensive research, and trial and error (and in cooperation with the Deutsche Sporthochschule in Cologne, Germany), Willi developed and patented a very unique and revolutionary treadmill design.

In 1975, WOODWAY GmbH was founded in Weil am Rhein, Germany. The name "WOODWAY" is derived from the German "Waldweg" ("Wald" = wood and "Weg"= way), the feel of running on a soft pine needle covered path in the forest.

In 1983, a manufacturing license was awarded to Sakai Medical, for the use of WOODWAY technology in the Japanese marketplace.

In 1988, a U.S. license was granted to a small, well-established manufacturing company in Waukesha, Wisconsin. WOODWAY USA was formed when the U.S. incarnation of the WOODWAY was developed and completed in 1990. WOODWAY USA is proud to be the primary manufacturer of WOODWAY treadmills worldwide, exporting treadmills for international distribution, in addition to serving our domestic customers and clients.

Today, WOODWAY's design and manufacturing facilities in the United States, Germany, and Japan make WOODWAY the largest specialized treadmill manufacturer in the world. Constant enhancements in quality, design, and function are shared and implemented by all three WOODWAY manufacturers.

As WOODWAY moves forward, attention to product quality, innovation, and customer service are at the forefront of our efforts. Along with our treadmills, other products, services, and strategic relationships are being developed so as to keep WOODWAY on the leading edge as we meet fitness training, testing, and rehabilitation needs.

1 Safety

1.1 Important Safety Instructions

Woodway Curve Model treadmills have been reliably designed, manufactured, and tested according to the latest state of technology and are in safe and sound 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. Inappropriate use will result in the rejection of any liability or guarantee claims by WOODWAY.

All WOODWAY treadmills are built to the specifications of and are intended for both commercial and residential use.

 DANGER R1	
To Reduce the Risk of Electric Shock!	
• Do Not operate the Heart Rate Monitor Transmitter in conjunction with an electrical heart Pacemaker. The transmitter may cause electrical disturbances. • Do Not soak or power spray the treadmill surfaces with any cleaners, water or liquids. • Do Not place any open liquid containers on any part of the treadmill. The use of sports bottles with closeable tops is acceptable. • Turn treadmill controls OFF prior to cleaning.	

Read all instructions and warnings before using the treadmill.

1. The treadmill is non-motorized. The user controls the speed, including the rate at which the treadmill slows or comes to a stop. There is no motor on the treadmill, therefore there is NO Emergency Stop pull cord or lanyard. The treadmill will come to a stop on its own. It is imperative that all users familiarize themselves with the treadmill and its features.
2. The Curve LTG belt moves freely, by stepping on the rear-most part of the running surface where it is rounded, there is a danger of falling, as the force of gravity can set the running surface in motion. Always mount and dismount the running surface from either side towards the rear of the treadmill, stepping on the lowest/flat portion of the belt curvature. Always use the handrails when mounting and dismounting the treadmill.
3. Do not use any adapters, or attachments not specified by the manufacture especially those without grounding provisions. Doing so could potentially result in electrical shock.
4. Do not operate the treadmill outside or in damp / wet locations.
5. Do not soak the treadmill surfaces with any liquid; use a sprayer or damp cloth.
6. Keep ALL electrical components away from water.

7. Do not place any open liquid containers on any part of the treadmill. The use of sport bottles with close-able tops is acceptable.
8. Always keep the running surface clean and clear of obstructions.

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

- Set up and operate the treadmill on a solid, level surface.
- Use the treadmill only for its intended purpose as described in the manual.
- Keep all loose clothing and towels away from the running surface. It is also important that shoe laces do not extend beyond the bottom of the shoe.
- Keep the area behind treadmill clear and at least 78" (2 m) from walls or furniture.
- Never let loose objects (e.g. balls) roll under the treadmill. They could be pulled into the device during operation.
- Keep hands away from all moving parts.
- Never leave children unsupervised while on or near the treadmill.
- Inspect the treadmill for worn or loose components prior to use. Tighten or replace any worn or loose components prior to use.
- WOODWAY treadmills are built to handle runners weighing up to 800 lbs. (360 kg) at speeds between 0-4 MPH (0-6.5 km/h) and 400 lbs. (180 kg) at speeds greater than 4MPH (6.5 km/h).
- The treadmill running belt might stop immediately if an object becomes caught in the belt or rollers.
- WOODWAY recommends that facilities that have users who are elderly, are children, or have health limitations, use a safety gantry harness. The manufacturer declines any liability for personal injury and/or property damage which could have been avoided with the use of a gantry harness system.
- Care should be taken when mounting and dismounting the treadmill. Never mount or dismount the treadmill while the running belt is moving. Use the handrails whenever practical or necessary.
- Wear proper athletic shoes with rubber or high-traction soles. Do not use shoes with heels or leather soles. Ensure no stones are embedded in the profile of the soles.
- Allow several minutes to bring your heart rate into the training zone depicted in the manual. Walk slowly after your workout to allow your body sufficient time to cool down and your heart rate to decrease.
- The safety and integrity designed for the machine can only be maintained when the treadmill is regularly examined for damage and/or wear and repaired if necessary. It is the sole responsibility of the user/owner or facility operator to ensure that regular maintenance is performed.
- Do not attempt to service your treadmill yourself without first contacting WOODWAY Service. It is preferable that mechanics have successfully completed WOODWAY factory-authorized service school or equivalent.
- Worn or damaged components should be replaced immediately or the treadmill should be removed from service until the repair is made. Only manufacturer supplied or approved components should be used to maintain and repair the treadmill. **SAVE THESE INSTRUCTIONS**

NOTE: A safety sign has been included with your treadmill. It is the responsibility of the owner to post this sign in a visible area near the machine.

SAFETY FIRST

THE FITNESS EQUIPMENT IN THIS FACILITY PRESENTS HAZARDS WHICH, IF NOT AVOIDED, COULD CAUSE SERIOUS INJURY OR DEATH

PRIOR TO USING THIS EQUIPMENT, READ THE WARNING LABELS AND INSTRUCTIONS AFFIXED TO EACH MACHINE.

IF YOU ARE UNSURE OF HOW TO USE A MACHINE, SEEK ASSISTANCE.

IMMEDIATELY REPORT ANY PIECE OF EQUIPMENT THAT IS NOT FUNCTIONING PROPERLY TO OUR STAFF SO THAT IT MAY BE EVALUATED AND SERVICED PROMPTLY.

DO NOT ATTEMPT TO USE OR FIX ANY PIECE OF EQUIPMENT THAT IS NOT FUNCTIONING PROPERLY .

WHILE USING THIS TREADMILL, THE SAFETY LANYARD MUST BE WORN AT ALL TIMES.

MAKE SURE SHOES ARE TIED TIGHTLY AND LACES DO NOT FALL BELOW THE BOTTOM OF THE SOLE OF THE SHOE.

DRINK PLENTY OF LIQUIDS. IF FEELING FAINT, STOP USE IMMEDIATELY.

ASTM F1749

1.2 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 021
Warning Text, Type, and Source of Danger Description of the consequences of ignoring the danger • Measures, instructions, and forbidden actions to avoid the hazard. • Further measures.

Classification

NOTICE	NOTICE or ATTENTION: (No Danger Symbol) No risk of injury, pertinent information and warning against material damage.
 CAUTION	CAUTION: (with danger symbol) light possibility of injury.
 WARNING	WARNING: (with danger symbol) In a dangerous situation, serious accident 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.

1.3 Safety Notices on Devices

Replace the safety stickers if they become damaged or illegible.
Information relevant to the safety is identified on the device using the following stickers.

Use Care When Using the Non-Motorized Treadmill

Sticker located on the right rear corner cover:
Notice on free movement in the direction of the arrow, and directions for mounting and dis-mounting the treadmill.



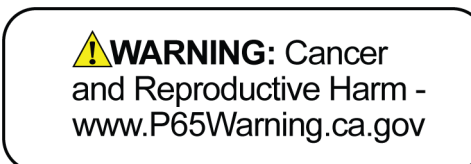
Ensure Proper Health Condition Before Use

Sticker located on the front left corner cover:
Consult a physician before use and discontinue training in case of health problems.
Replacement Sticker P/N - M1325



California Proposition 65 Warning:

Warning: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov
P/N - 30-010327



1.4 Health Risks

 WARNING 024
Health Hazards for certain groups of people The use of a Curve treadmill can pose a health risk for certain people. • Before using the device, check the list below for limitations for certain persons which may apply. If so, the specific measures must be adhered to,

Persons with Medical Conditions - Before beginning an exercise program, consult a physician, especially if any of the following apply.

- History of heart disease
- High blood pressure
- Diabetes
- Chronic respiratory illness
- Elevated cholesterol levels
- Smoker
- Other Chronic illnesses or physical impairments

Pregnancy - Pregnant women must consult a physician before starting a training program.

Symptoms during training - Experiencing dizziness, chest pain, nausea, or any other abnormal symptoms while training on the treadmill, stop training immediately. Consult a physician prior to continuing training.

1.5 Personnel Qualifications and Responsibilities

 WARNING 02.1
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 for proof of instruction.

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

The representative of the treadmill 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. WOODWAY recommends the training be carried out by a trained and authorized WOODWAY dealer or service partner.

1.6 Intended Use

 WARNING 02
Danger due to Improper Use! Any improper use and/or other use of the device can lead to dangerous situation with significant personal injury and/or property damage. • Only use the treadmill for its intended use. • Avoid excessive training, as this can lead to injury. • Read and strictly adhere to all information in the operating instructions.

Curve treadmills are non-motorized, and serve for training athletic running, to increase stamina and physical fitness, and can be used for running or walking.

Please note that the Curve models listed in this manual are athletic training equipment, which according to EU regulations are not to be used for medical applications.

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

 WARNING 03.1
Risk of Injury Through Risk of Falling! The motorized treadmill presents the danger of falling. • Familiarize yourself with treadmill operation and operating principles before the first training. • Always use the safety handrail when mounting and dismounting and when starting training.

ATTENTION BA6
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.

1.7 Unauthorized Modes of Operation

The treadmill 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:

- Treadmill may not be used without prior instruction by qualified personnel.
- Children and animals may not use the device or be left near the device unattended.
- Use of the treadmill under the influence of alcohol, drugs and/or narcotics is prohibited.

Unauthorized Modes of Operation Continued:

- The treadmill is not intended to be used by persons weighing more than 800 lbs. (360 kg) when walking at speeds up to 4 mph, or more than 400 lbs. (180 kg) when running at speeds exceeding 4 mph.
- Transportation of objects on the treadmill is not allowed.
- Walking surface is not suited for the use of running shoes with spikes or studs.
- It is forbidden to use the treadmill without its side rails or with walking poles.
- The operation of WOODWAY slat belt treadmills outside of the named ambient conditions in the section "Setup & Installation" (temperature, humidity, air pressure) as well as outdoors (i.e. outside of closed rooms) is not allowed.
- For people with health limitations or contraindications, the use of a treadmill without prior consultation by a health care professional is prohibited.
- When stepping onto the treadmill, during walking exercises, and when stepping off of the treadmill 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 of the front
- Never stop walking when the belt is moving
- Never turn around when the belt is moving
- Never walk sideways or backwards

 WARNING

04

Unauthorized Use Can Cause Injury!

Using the treadmill 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. Always mount the treadmill from the rear.
- 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.

1.8 Safety Equipment

1.8.1 Reverse Brake / One-Way Bearing

All Curve non-motorized utilize a innovative curved running surface that is designed so the user drives/controls the running surface speed.

The treadmill is accelerated, slowed or stopped through the shifting of position and weight on the running surface resulting in modulation of the running speed.

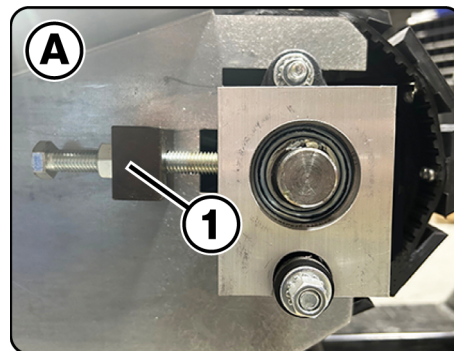
For the safety of the user the running surface only rotates in one direction, which only allows use of the device for running forward (not for running in reverse). This provides for a virtually locked running surface for mounting and dismounting the treadmill from the rear.

All Curve Treadmills incorporate One-Way bearings for safe operation.

One-Way bearings restrict the running belt from rotating backwards which could cause an unsafe/unstable user condition if they were to inadvertently step on the rear end of the running surface.

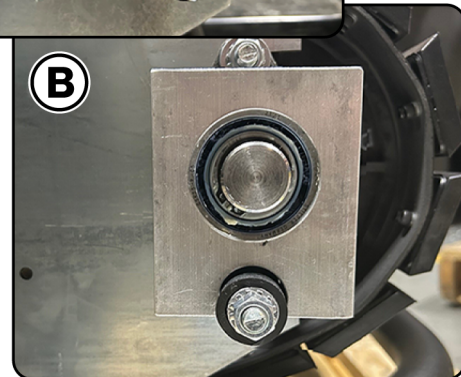
Note: Covers removed for visual reference only, never operate the treadmill without all covers in place.

Fig A - Shows the Curve XL One-Way bearing located at the left rear corner of the chassis. The Curve XL One-Way bearing is combined with the rear Support Pulley Shaft **Jack-Bolt Tensioning Mechanism (1)**.



Both the Curve XL and Curve FTG have a One-Way bearing/tensioning system located at the rear left corner of their chassis.

Fig B - shows the Curve and Curve Trainer One-Way bearing, both located at the left rear corner of the chassis. Belt tensioning mechanisms for these two models are located at the front of the chassis.



ATTENTION

BA11

Curve treadmills may only be mounted from the rear and side!
Never mount the treadmill from the front!
If mounted from the front the running surface starts to move immediately.
Danger of Accident!

1.8.2 Safety Handrails

Curve treadmills are equipped with Handrails that extend along both sides and are connected by a bowed hoop around the front.

This allows the user to maintain direct contact, so as to obtain safety and stability along the entire curvature of the running surface.

For safety reasons the user should hold on to the Handrail when mounting the treadmill, and when necessary (e.g. for stopping).

Each Curve model has it's own unique Handrail support design.

The Curve FTG (Shown) is unique in that the Handrail has multiple options for added support and restraints (optional) for resistance training.

The Curve FTG also utilizes Handrail resistance adjustment buttons.



Curve, Curve Trainer and Curve XL have their own unique Handrail configurations.



2 Introduction

2.1 Operating Instructions Information

This manual provides information on the safe operation of the WOODWAY slat belt treadmill. A condition for safe operation is compliance with all safety and operating instructions.

 CAUTION Y1
Improper Operation Can Cause Accidents! • Not using the treadmill 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 treadmill. • Keep these instructions close at hand for all users of the device.

Read and Observe the Operating Instructions!



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

Observe the Instructions

WOODWAY 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 treadmill 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. WOODWAY accepts no liability for accidents, equipment damage, and personal injury caused by the use of accessories from other suppliers.

2.2 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.

WOODWAY 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 WOODWAY
- Unauthorized modifications to the device or accessories

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

2.3 Copyright

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

NOTICE

BN7

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2.4 Replacement Parts

WOODWAY recommends the use of original replacement parts. Original replacement parts have particular qualities and 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

NOTICE

BN1

The use of NON-original replacement parts may change the characteristics of the device and interfere with the safe use!
WOODWAY 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 [Disposal page 70](#).

2.5 Customer Service:

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Customer Service:

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E-Mail: service@woodway.de

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

- Information on the name plate (specific model/serial number) See Chapter 3.1
- An accurate description of the circumstances
- Customer 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 re-installation, the actions listed under "Commissioning and Installation" are to be performed as during initial installation.

[illegible]

2.6 EC Declaration of Conformity**EG-Konformitätserklärung**
EC Declaration of Conformity

Hersteller:	Europäischer Repräsentant:
Manufacturer:	European Representative:
WOODWAY USA Inc.	WOODWAY GmbH
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Web: http://www.woodway.com	Web: http://www.woodway.de

Hiermit erklärt der Hersteller in eigener Verantwortung die Übereinstimmung der nachfolgend aufgeführten Produkte in der gelieferten Ausführung mit den anwendbaren EG-Richtlinienanforderungen:
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 Directives:

Richtlinie 2001/95/EU DES EUROPÄISCHEN PARLAMENTS UND DES RATES
Directive 2001/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

Richtlinie 2011/65/EU DES EUROPÄISCHEN PARLAMENTS UND DES RATES
Directive 2011/65/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

Richtlinie 2012/19/EU DES EUROPÄISCHEN PARLAMENTS UND DES RATES
Directive 2012/19/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

Produktbezeichnung: Motorloses Laufband (Laufbandergometer für Trainingszwecke)
Product designation: *Motorless Treadmill (Treadmill-Ergometer for Training)*

Typenbezeichnung: Curve, Curve XL, Curve Trainer, Curve LTG
Product types:

Angewandte Normen: ISO 20957-1: 2013-09
Used standards: ISO 20957-6: 2021-02

Die Konformitätserklärung gilt für alle oben gelisteten Modelle, die ab dem 1. May 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.

The declaration of conformity is valid for all the models listed above, which were produced on after 1 May. 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.

Wisconsin 53186 USA, May. 1st, 2023

Douglas Bayerlein
Präsident / President WOODWAY USA, Inc.



EC Declaration of Conformity
EG Konformitätserklärung

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Address:

Phone: +1 262-548-6235
E-Mail: info@woodway.com
Web: <http://www.woodway.com>

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 Directives:

Hiermit erklärt der Hersteller in eigener Verantwortung die Übereinstimmung der nachfolgend aufgeführten Produkte in der gelieferten Ausführung mit den anwendbaren EG-Richtlinienanforderungen:

Directive 2001/95/EC (General product safety)	Richtlinie 2001/95/EG (allgemeine Produktsicherheit)
Directive 2006/42/EC (Machinery)	Richtlinie 2006/42/EC (Maschinenrichtlinie)
Directive 2011/65/EU (RoHS)	Richtlinie 2011/65/EU (RoHS)
Directive 2014/30/EU (EMC)	Richtlinie 2014/30/EU (EMC)

Product designation:

Produktbezeichnung:

Motorized Sports & Fitness Treadmills
Motorisierte Sports & Fitness Lamellenlaufbänder

Product type:

Typenbezeichnung:

Mercury, Mercury H, Path, Path H, Pro, Pro XL, 4 Front, Vive, Ridgerunner
Curve FTG

Used standards:

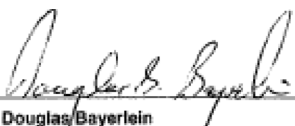
Angewandte Normen:

EN 957-6:2010+A1:2014 (Class A, S, I)
EN 60335-1:2010
EN 61000-6-2:2005
EN 61000-6-3:2007 + A1:2011
EN ISO 12100:2010
EN ISO 20957-1:2013

The declaration of conformity is valid for all the models listed above, which were produced on after 05 August 2019 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 05 August 2019 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
June 25th 2025



Douglas Bayerlein
Präsident / President WOODWAY USA, Inc.

3 Specifications and Electrical

This owners manual covers multiple Curve treadmill models, refer to the treadmill's nameplate/nomenclature for detailed information regarding electrical specifications, and requirements for the actual unit.

3.1 Nameplate / Nomenclature Plate

Each WOODWAY treadmill receives a serial number during production. Depending on the year and model, it has an alphanumeric code with 7-8 characters or a numeric code with 9 digits. The serial number can be found on the name plate, which is mounted on the rear of the display or on the left front of the treadmill frame.

The name plate contains the device's main specifications and technical details.

The treadmill range of functions is stated on the name plate and on the delivery note.



- 1) Power Requirements: Voltage, Amperage, and Hz
- 2) Device CE symbol (with number of the notified body if applicable), and year manufactured
- 3) Serial Number, Model Number, and Model Code Number
- 4) WOODWAY's ® Logo and address
- 5) 2D universal identification code for internal product classification
- 6) Do Not Discard Warning, refer to Chapter 14 for details
- 7) Note to read and observe operating instructions
- 8) Accuracy and usage classifications, and enclosure rating (IEC-60529)
- 9) Patent notice

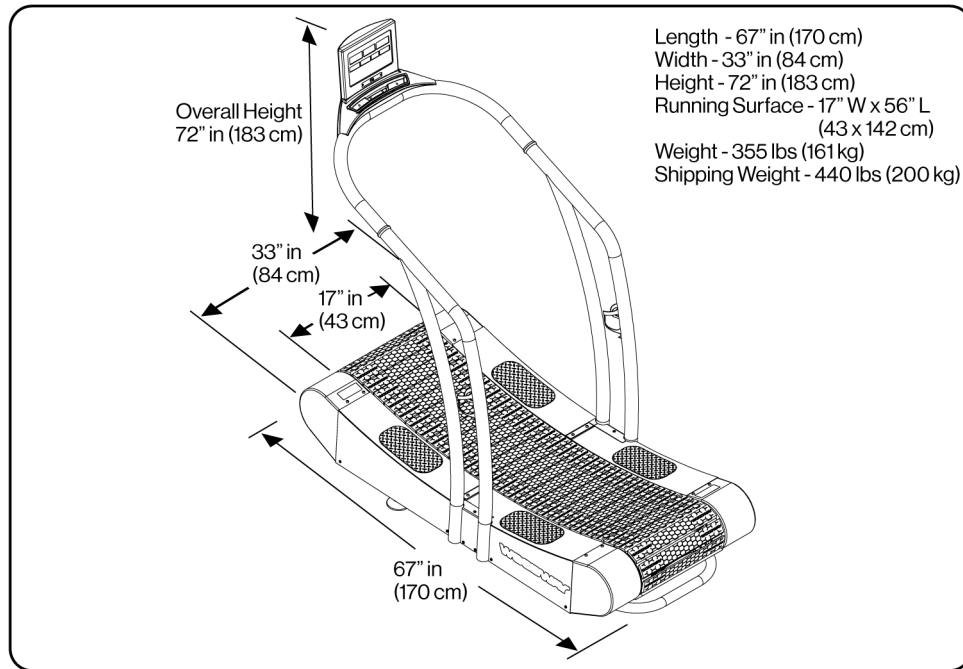
The Nameplate / Nomenclature Plate contains information such as the specific model and serial number that will be needed if the user needs to contact WOODWAY Service for any reason.

For faster processing of service requests please have the following data and information available:

- Information on the name plate (specific model/serial number)
- An accurate description of the circumstances
- Customer number (if available)
- What action has already been taken

3.2 Technical Specifications

3.2.1 Curve



Standard Features:

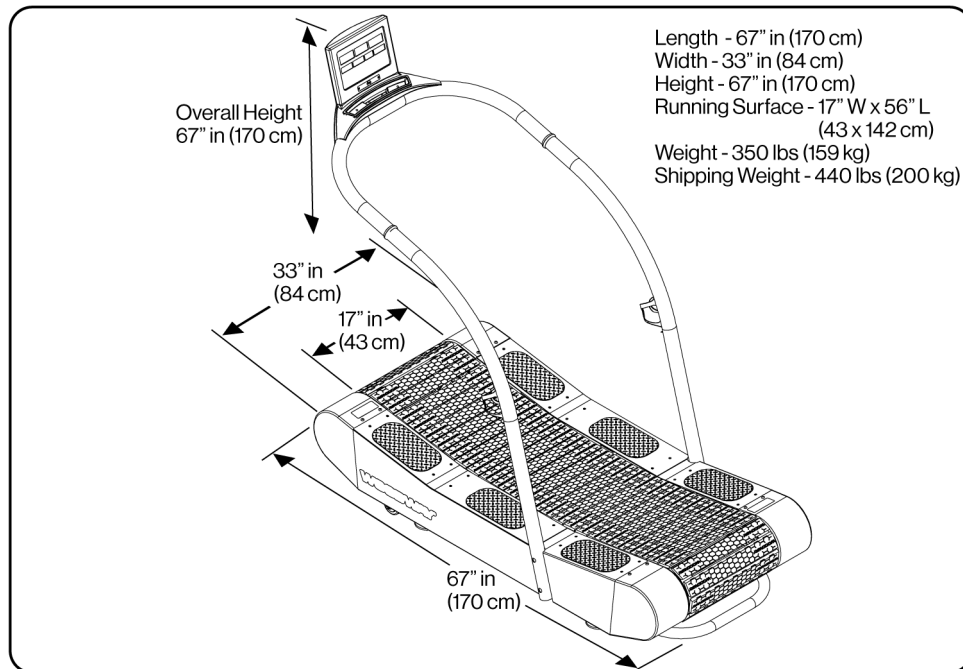
- Running Surface: 17" Wide x 56" Long (43 cm x 142 cm) 60 Slats
- Running Surface Support System: 88 ball bearings, 10 guide rollers
- Max user Weight: Running 400 lbs. (180 kg) Walking 800 lbs. (360 kg)
- LED Screen displays the parameters for Time, Speed, Distance, Pace, Watts, Lap, Heart Rate, Total Time, Calories, Mets, Total Distance.
- Slat type: Replaceable Thermoplastic on Composite T-sections

Options:

- Pro Smart 10" Touch Screen Display Console
115 VAC 20 Amp (NEMA 5-20R outlet, 20 Amp dedicated circuit required)

Additional options may be available. Please contact your sales representative.

3.2.2 Curve Trainer



Standard Features:

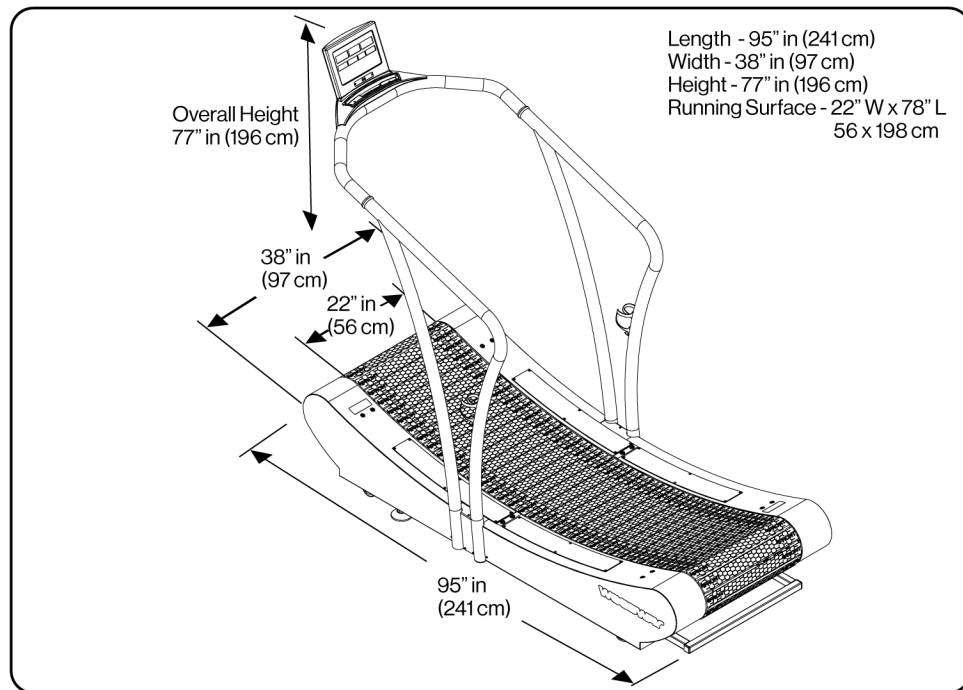
- Running Surface: 17" Wide x 56" Long (43 cm x 142 cm) 60 Slats
- Running Surface Support System: 90 ball bearings, 20 guide rollers
- Max user Weight: Running 400 lbs. (180 kg) Walking 800 lbs. (360 kg)
- LED Screen displays the parameters for Time, Speed, Distance, Pace, Watts, Lap, Heart Rate, Total Time, Calories, Mets, Total Distance.
- Slat type: Replaceable Thermoplastic on Composite T-sections

Options:

- Pro Smart 10" Touch Screen Display Console
115 VAC 20 Amp (NEMA 5-20R outlet, 20 Amp dedicated circuit required)

Additional options may be available. Please contact your sales representative.

3.2.3 Curve XL



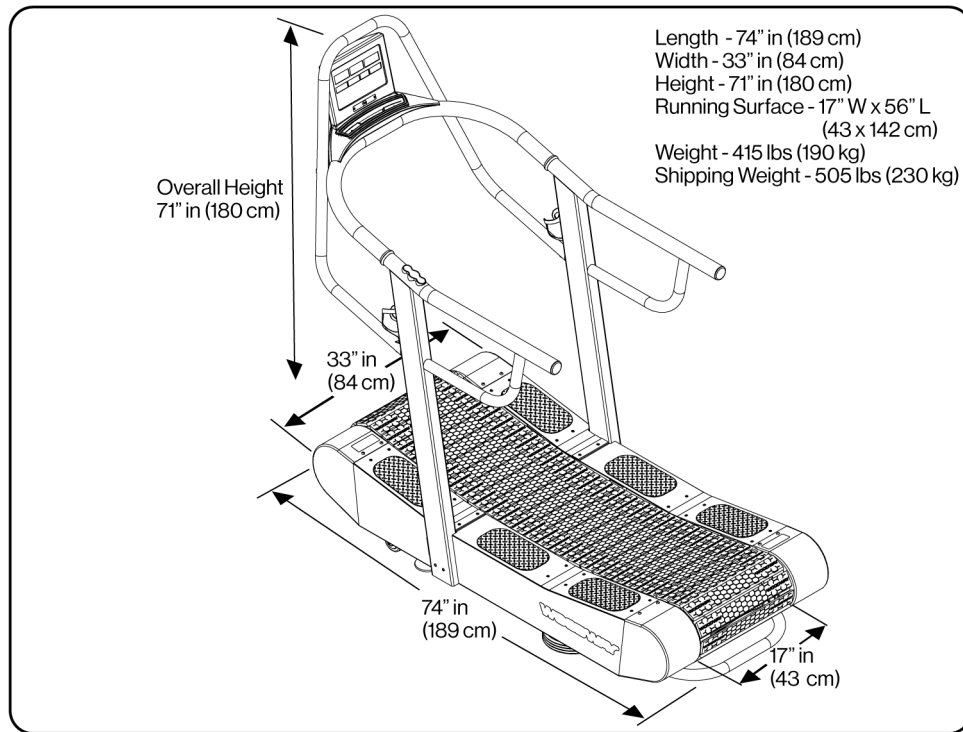
Standard Features:

- Running Surface: 22" Wide x 78" Long (56 cm x 198 cm) 77 Slats
- Running Surface Support System: 120 ball bearings, 24 guide rollers
- Max user Weight: Running 400 lbs. (180 kg) Walking 800 lbs. (360 kg)
- LED Screen displays the parameters for Time, Speed, Distance, Pace, Watts, Lap, Heart Rate, Total Time, Calories, Mets, Total Distance.
- Slat type: Replaceable Thermoplastic on Aluminum T-sections

Options:

- Pro Smart 10" Touch Screen Display Console
115 VAC 20 Amp (NEMA 5-20R outlet, 20 Amp dedicated circuit required)

Additional options may be available. Please contact your sales representative.

3.2.4 Curve FTG**Standard Features:**

- Running Surface: 17" Wide x 56" Long (43 cm x 142 cm) 60 Slat
- Running Surface Support System: 90 ball bearings, 20 guide rollers
- Max user Weight: Running 400 lbs. (180 kg) Walking 800 lbs. (360 kg)
- LED Screen displays the parameters for Time, Speed, Distance, Pace, Watts, Lap, Heart Rate, Total Time, Calories, Mets, Total Distance.
- Slat type: Replaceable Thermoplastic on Thermo Plastic Composite T-sections

Options:

- Pro Smart 10" Touch Screen Display Console
115 VAC 20 Amp (NEMA 5-20R outlet, 20 Amp dedicated circuit required)

Additional options may be available. Please contact your sales representative.

3.3 Electrical Connection

NOTE: Curve / Curve Trainer/ Curve XL are non-motorized and therefore do not require an electrical connection.

Curve/Trainer Prosmart and Curve FTG Standard and Prosmart will require an electrical connection to properly power the display and or brake unit.

IMPORTANT - The Power Cord must be properly protected at all times, both when in use and storage.

Note: *No extension cords, adapters, or power strips are permitted.*

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 other power cord plugs are required, please contact WOODWAY.

Before connecting the treadmill 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.

Note: No other treadmills or devices may be operated on the same supply line. Each treadmill must be operated with its own circuit breaker. The treadmill must be grounded.

WARNING

Danger of Injury by Tripping Over Wires!

- Improperly installed wires present a tripping hazard and danger of injury. Safely lay power cords, interface cable, etc. Outside of walking areas.

CAUTION

Condensation Hazard

Bringing the equipment into a warm environment can cause condensation. This moisture can damage the electronics. Allow the equipment to rest at room temperature for at least three hours to acclimate to the warm environment. Do Not energize until the equipment is dry.

WOODWAY treadmills can be powered by 115, 208, or 230 VAC; 50/60 Hz. In most cases, regardless of the input voltage the treadmill is built for, all the internal circuitry runs on 115 VAC (or lower derived voltages, i.e. 5 VDC, 12 VDC, etc.). The 208/230 VAC versions use a toroidal transformer to convert the incoming voltage from the power cord to 115 VAC for use throughout the treadmill.



DANGER

Danger of Death by Electric Shock!

Improper handling of electrical equipment by unqualified persons during Maintenance / Service and Inspection work on the unit may cause serious or fatal electrical shock.

- Disconnect the power plug prior to any maintenance and inspection work on the equipment. Perform Lock-Out Tag-Out (LOTO). per local procedures before cleaning or servicing.
- Ensure the device cannot be switched back on.
- Do not modify the plug provided with the treadmill. It is equipped with a grounded power cord. If it will not fit in the outlet, have a proper outlet installed by a qualified electrician.
- Never operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged.
- Do not use any adapters, especially those without grounding provisions. Doing so could potentially result in electrical shock.
- Do not operate motorized treadmills in damp or wet locations.
- Always unplug the treadmill immediately after using and before cleaning or servicing.
- Do not soak the treadmill surfaces with any liquid; use a sprayer or damp cloth.
- Keep all electrical components, such as motor, power cord, and power switch away from water.
- Do not place any open liquid containers on any part of the treadmill. The use of sport bottles with close-able tops is acceptable.
- The power cord must not come into contact with hot surfaces or sharp edges.

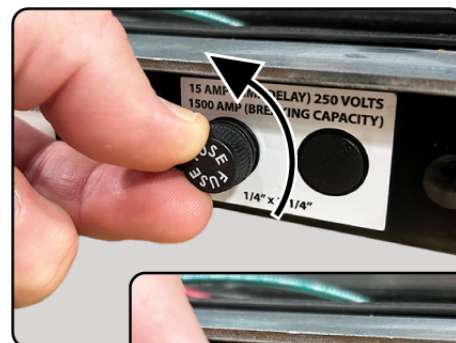
3.4 Device Fuses

Located on the lower left center of the Curve FTG chassis is the Main Fuse, the fuses must comply with the published technical specifications in Chapter 2.5.

NOTE: Bridging the fuses is prohibited, due to the risk of electric shock and fire.

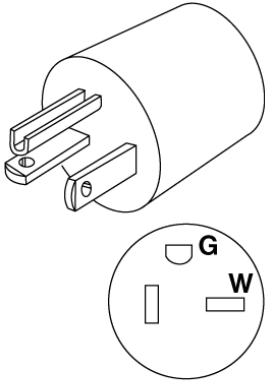
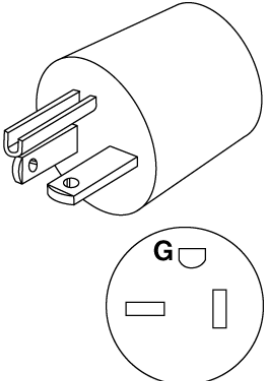
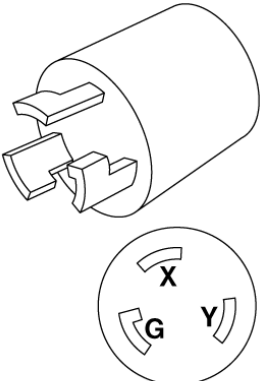
When replacing a fuse, turn power OFF using the main power switch and unplug the power cord from the outlet.

Unscrew the fuse holder from the power panel, change the fuse and screw the fuse holder back into the AC panel.

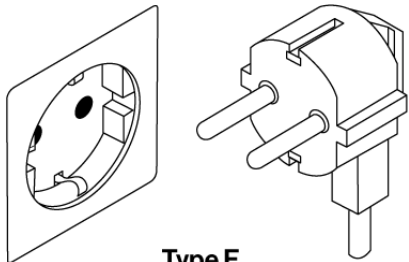


Below are the standard electrical requirements and plug types by region, there are different options depending on the treadmill model type and options. If there is a different electrical configuration/requirement, please contact WOODWAY or the local sales representative.

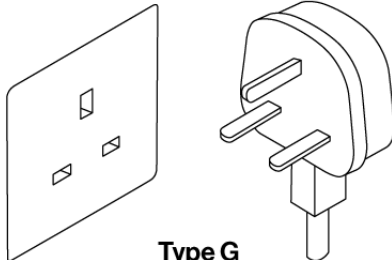
3.5 Electrical Connections North America

Description	Parameters		
	115 VAC	208/230 VAC	208/230 VAC
Voltage	Requires at least 115 V from wall outlet. If voltage falls 10% below 115 V, treadmill will shut off and reset.	Requires at least 208/230 V from wall outlet. If voltage falls 10% below 208/230 V, treadmill will shut off and reset.	Requires at least 208/230 V from wall outlet. If voltage falls 10% below 208/230 V, treadmill will shut off and reset.
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Current	20 Amp <i>Dedicated line required (cannot share neutral line)</i>	20 Amp <i>Dedicated line required (cannot share neutral line)</i>	30 Amp <i>Dedicated line required (cannot share neutral line)</i>
Wall Outlet Requirements	 NEMA 5-20	 NEMA 6-20	 NEMA L6-30
Outlet Compatibility	Standard 3-prong, hospital grade plug (NEMA 5-20 P) Will ONLY fit a NEMA 5-20 R outlet	3-Prong plug (NEMA 6-20 P) Will ONLY fit a NEMA 6-20 R outlet	3-Prong Twist plug (NEMA L6-30 P) Will ONLY fit a NEMA L6-30 R outlet
Hospital-Grade Low Leakage	For grounding reliability only connect to proper receptacle marked "Hospital Grade" when using for Medical use.		

3.6 Electrical Connections Germany

Description	Parameters
	208/230 VAC
Voltage	Requires at least 208/230 V from wall outlet. If voltage falls 10% below 208/230 V, treadmill will shut off and reset.
Frequency	50 Hz
Current	16 Amp <i>Dedicated line required (cannot share neutral line)</i>
Wall Outlet Requirements Germany, Australia, the Netherlands, Sweden, Norway, Finland, Portugal, Spain, and Eastern Europe. Two Round Prong Holes, and Two Ground Clips / Two Round Prongs and Two Ground Clips.	 Type F

3.7 Electrical Connections United Kingdom

Description	Parameters
	208/230 VAC
Voltage	Requires at least 208/230 V from wall outlet. If voltage falls 10% below 208/230 V, treadmill will shut off and reset.
Frequency	50 Hz
Current	13 Amp <i>Dedicated line required (cannot share neutral line)</i>
Wall Outlet Requirements Outlet Compatibility G/BS 1363 plug	 Type G

3.8 Electrical Source and Outlet Verification

 **WARNING**
029

Fatal Electrocution Hazard
 Only qualified persons can safely evaluate electrical infrastructure.

Before connecting the treadmill 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.

Note: Confirm Voltage, Amperage, Ground, Dedicated Circuit, Outlet and Plug Type, prior to connecting the equipment to the power source.

Verify	Directive
Correct Voltage	(115 VAC Systems) While circuit is Energized, use a voltmeter to: Measure voltage between Line and Neutral - Verify nominal 115 VAC. (208/230 VAC Systems) While circuit is Energized, use a voltmeter to: Measure voltage between lines L1 and L2 - Verify 208 to 230 VAC. Note: Requires at least 208/230 V from wall outlet. If voltage falls 10% below 208/230 V, treadmill will shut off and reset.
Correct Amperage	(115 VAC Systems) Visually inspect the Fuse or Circuit-breaker size. Verify Single-pole 15 AMP or higher. (208/230 VAC Systems) Visually inspect the Fuse or Circuit-breaker sizes. Verify Double-pole 10 AMP or higher.
Ground Fault	While the circuit is De-energized, use an Ohmmeter to check for continuity between Ground and Neutral. Verify ∞ Ω resistance (115 VAC Systems) While circuit is Energized, use a voltmeter to: Measure voltage between Line and Ground - Verify nominal 115 VAC. (208/230 VAC Systems) While circuit is Energized, use a voltmeter to: Measure voltage between lines L1 and Ground - Verify nominal 115 VAC. Measure voltage between lines L2 and Ground - Verify nominal 115 VAC.
Dedicated Circuit	The equipment must be on a dedicated circuit. Using facility documentation, or other inspection methods. Verify no branch circuits are connected to the dedicated feeder circuit.
Correct Outlet Type	(115 VAC Systems) NEMA 5-20 R or 6-20-R (Refer to Chapters 2.3, 2.4, 2.5 for details) (208/230 VAC Systems) Shuko or UK
Correct Power Cord/Plug	The equipment is shipped with the appropriate power cord installed. Do Not modify the power cord. Verify the power cord fits the power outlet / receptacle (Refer to Chapters 2.3, 2.4, 2.5 for details)

4 Storage and Transportation

4.1 Storage

Conditions for Storage, Transportation and Usage

Description	Storage / Transport	Usage
Ambient Temperature	-22°F to 158°F (-30°C to 70°C)	50°F to 104°F (10°C to 40°C)
Relative Humidity	15-85% (not condensed)	40-95% (not condensed)

Storage Note: Store the equipment only in closed, dry rooms, avoid contact with moisture (rain, fog, etc..) which can cause serious damage to the electronics. Damaged electronics can negatively affect safe operation.

! CAUTION

Condensation Hazard

Bringing the equipment into a warm environment can cause condensation. This moisture can damage the electronics. Allow the equipment to rest at room temperature for at least three hours to acclimate to the warm environment. Do Not energize until the equipment is dry.

4.2 Safety Notices for Transportation

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

Note: WOODWAY 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 [WOODWAY](#) dealer immediately.

WOODWAY Service: If necessary, transport or relocation can be organized and carried out by authorized WOODWAY service partners.

For further information please contact [WOODWAY](#) Customer Service.

! 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.

4.3 Unpacking and Moving Instructions

- Remove fastening hardware and protective wrap from all packaged parts
- Inspect the contents for damage
- Check the delivery note to assure that there are no missing parts

4.4 Flat Transportation

Curve treadmills are equipped with two rollers on the bottom front of the device for short transport distances.

A handle is fastened to the frame at the back of the device. Using this handle the entire unit can be lifted and maneuvered on its front wheels.

The transport rollers are only functional after the device has been lifted and tilted to a certain height.

Note: The railing in the front of the treadmill lowers when the back of the device is raised.
Pull the device away from the wall before lifting so that the display does not hit anything.

4.5 Upright Transportation

For narrow transport routes it is possible to transport the treadmill vertically (e.g. narrow door width or for climbing stairs).

For this, handrails and side panels must be removed.

When transporting in an upright position, the device must be additionally secured against accidental tipping or rolling since the center of gravity is not in the middle of the device.

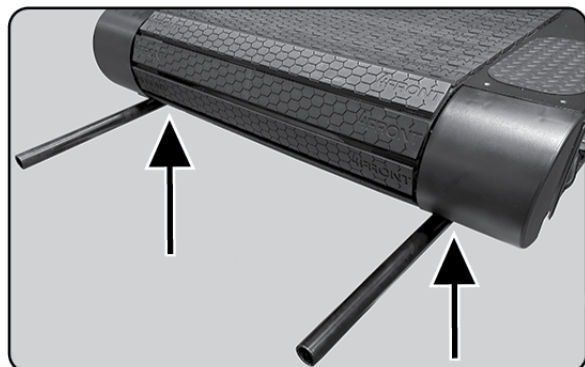
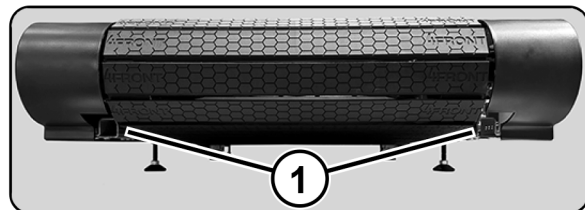
Note: Do Not rest the equipment on the side with the AC bracket (ON/OFF switch)

4.6 Transportation with Carrying Poles

Lift bars (round steel tubes) are included as treadmill accessories.

The lift bars can be inserted into the **Front Ports (1)** located at the front end of the treadmill frame.

The side panels and railings can be removed to facilitate transport.



5 Product Description / Overview

5.1 Function

Curve treadmills are non-motorized training devices where the user controls the desired workout speed with their running speed on the upwardly curved running surface.

The treadmill is accelerated, slowed or stopped through the shifting of position and weight on the running surface resulting in modulation of the running speed.

Curve treadmills function without a motor, so there is no emergency stop device. The treadmill stops on its own.

It can take some time before the device stops depending on the running speed.



To stop the running surface, the runner straddles the running surface on the right and left sides and lets the running surface coast to a standstill, or by shift their center of gravity and weight to the rear slowing their pace until the treadmill comes to a standstill.

Curve, Curve Trainer, and Curve XL utilize a single direction freely rotating running surface allowing the user to train and power the running surface with little to no resistance.

The Curve FTG model (Forced Training Gear) utilizes a resistance motor that allows the user to add resistance to the running surface. This is also sometimes referred to as "Dynamic Braking Mode" which is beneficial in HIIT (High Intensity Interval Training) exercises and performance techniques.

5.2 Running Surface

WOODWAY Curve model Non-Motorized Treadmills utilize individual running slats attached to lateral belts that are supported by a transport system comprised of a series of sealed bearings and guide rollers on either side of the slat belt assembly.

The running slats are unique to WOODWAY treadmills, comprised of thermoplastic or aluminum slats (model specific) vulcanized with a proprietary rubber surface offering a compliant, shock-absorbing running surface proven to reduce shock to joints, muscles, and connective tissue.

WOODWAY's running surfaces are widely considered as one of the most ideal treadmill running surfaces in the industry, opposed to other treadmills that consist of thin cotton-nylon belts for running surface construction.

Users may initially notice higher surface grip than experienced on other treadmills, this grip may take some time to used to.

This "Extra" grip is beneficial during High Intensity Interval Training as it lets the user exert maximum effort, without any loss of traction.

5.3 Transport System

The lateral belt slat assembly combined with the roller bearing transport system creates less friction than traditional "Belt" style treadmills, resulting in a High Service Life running surface that will last for more than 150,000 miles (240,000 + km).

The Dual-Rail Roller Bearing/Guide Roller support system utilizes high-performance sealed roller bearings and guides making for a highly efficient transport system, when combined with the running surface toothed lateral belts negate any need for tracking adjustments.

The Dual-Rail transport support system distributes the load evenly across the entire treadmill chassis, while large front and rear support rollers synchronize with the toothed lateral belts making the curved running surface mechanically possible.

6 Commissioning

6.1 General

Commissioning is the assurance that the initial intended use of the device conforms to conditions of safety and health requirements as outlined in Chapter 1.

Read these operating instructions completely before commissioning.

Before commissioning/using the device, operational and functional safety is to be tested and confirmed. This includes correct installation and operator instruction.

Check immediately upon delivery for any signs of transportation damage and immediately report any damages to the transport company and WOODWAY.

ATTENTION

BA7

Installing after Storage or Transport

The formation of condensation on the cooled electronic parts may cause the treadmill to malfunction and damage to the electronics.

- Before installing after storage or transport, the treadmill must stand at room temperature for approximately 3 hours to become acclimated.

6.2 Placement

ATTENTION

BA8

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.

Due to the heavy weight of the device, it is recommended to install the treadmill as close to its final location as possible.

The following further instructions for installation are to be observed:

- When installed on upper floors, the device must be placed as far as possible in a corner of the room so that sufficient stability is guaranteed.
The structure of the building must be checked in advance.
- The treadmill should not be installed close to a radiator or other heat source.
- Due to moving parts on the underside, the device must not be placed directly on thick or high-pile carpeting. In this case, a mat should be placed under the device.
This will prevent lint from entering into the treadmill and at the same time reduce carpet wear.
- WOODWAY has appropriate mats available. For more information, call WOODWAY customer service.
- With larger devices, particular attention must be paid to the ceiling/floor load capacity at the installation site. This must be higher than the total weight (device weight plus the dynamic weight of a running person) and approved by an authorized authority with the treadmill representative.

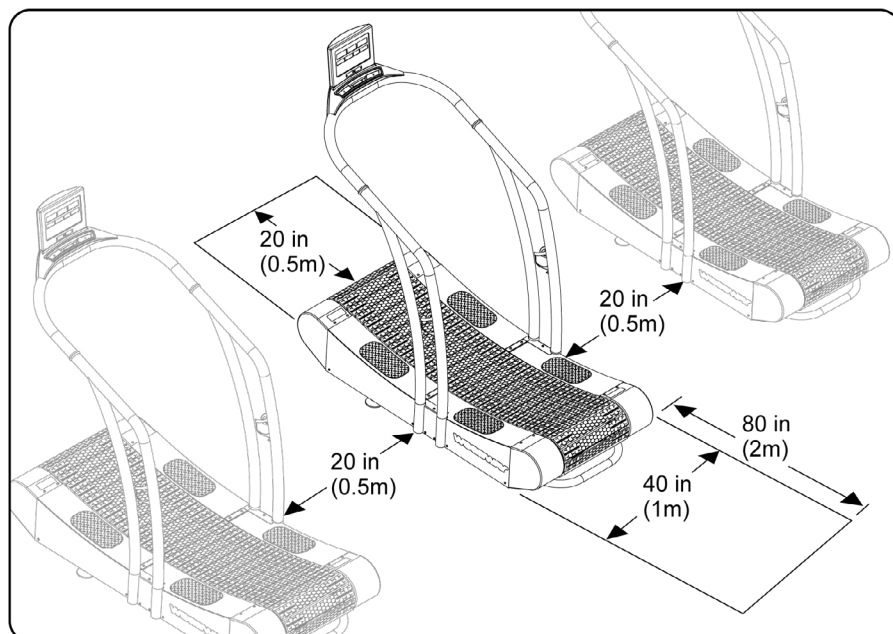
6.3 Safe Fall Area

When using the treadmill, especially fast movements (fast running, etc) increases the risk of falling, for this reason, a safe fall area must be maintained behind the treadmill.

No obstacles such as furniture, plants, training materials, ladders, etc may be located in this safe fall area. (See diagram below)

Sloping ceilings may not extend into the safety area.

When installing multiple treadmills ensure the distance between each unit is as shown in the diagram below.



6.4 Grounding Information

If installing a Curve FTG or a Curve model with the ProSmart display, the treadmill must be grounded.

If it should malfunction or break down, grounding provides a path of least resistance for electrical current to reduce the risk of electric shock.

This product is equipped with a grounded power cord.

[\(See Chapters 3.5 to 3.7\)](#) for plug types and ratings.

7 Installation

In most cases, WOODWAY Curve treadmills are delivered completely assembled, check immediately upon delivery for any signs of transportation damage and immediately report any damages to the transport company and WOODWAY.

In some instances the treadmill may need partial disassembly in order to place/position it in it's proper final location, if this is the case refer to [Sub-Chapter 7.2](#)

If the treadmill is able to be uncrated and positioned without any disassembly, it will still be necessary to check level and adjust the unit to ensure it is level front to rear (X Axis) and right to left (Z Axis), and that the leveling feet are equally weighted and the chassis is not twisted or warped after leveling.

The Curve Models covered in this manual all have essentially the same installation and leveling processes, model specific call-outs and details will be noted when applicable.

7.1 Leveling

Required tools:

- #2 Phillips Head Screwdriver
- 4mm or 5/32" Allen wrench
- 3/4" or 19mm Combination wrench
- 24" to 36" Level (Bubble or Digital)

See Chapter 7.2 for Chassis cover removal, as leveling of ALL Curve models require access to the leveling feet adjustment and locking nuts, this will also aid in getting precise measurements from the chassis structure to the floor.

Since Curve running surfaces are curved, using a level placed on the top of the chassis as in leveling of "Standard" flat treadmills (Front to Rear) will not work.

Each Curve treadmill has a specific distance from the chassis to the floor (Front to Rear).

If the unit is able to be positioned without disassembly, confirm the placement parameters outlined in chapter 6.2 and safe fall area dimensions as outlined in chapter 6.3 and level the treadmill as outlined in chapter 7.1.

ALL CURVE MODELS:

Level ALL Curve models side to side by placing a level in the center of the tread surface.

Use a 3/4" (19mm) wrench to make adjustments to the leveling feet at each corner of the chassis until it is level Right to Left, and the chassis matches the specified distances from Front to Rear.

See model specific details for front and rear height measurements.

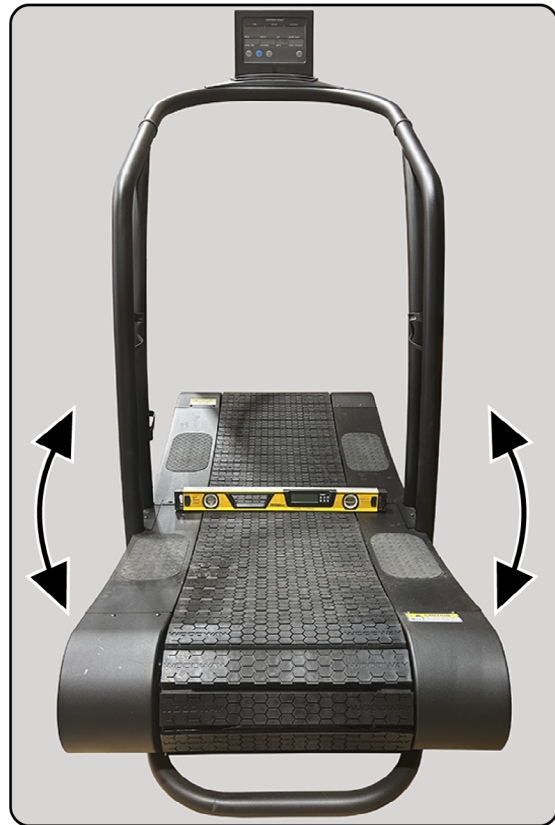
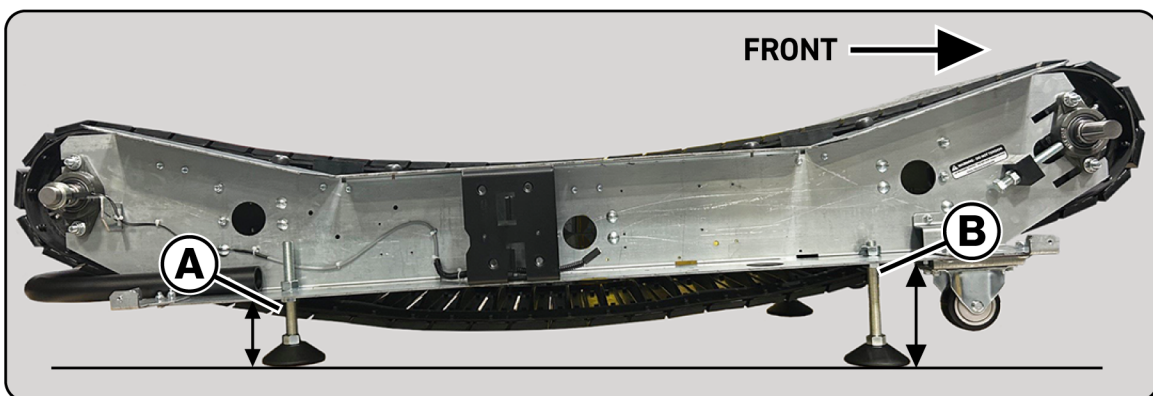
7.1.1 Curve/Curve Trainer

7.1.2 Curve XL

7.1.3 Curve FTG

While making final adjustments confirm the leveling feet are equally weighted by carefully lifting the unit slightly at each corner.

Note: ALL Dimensions are from Floor to Bottom of Chassis at Leveling Foot Position.

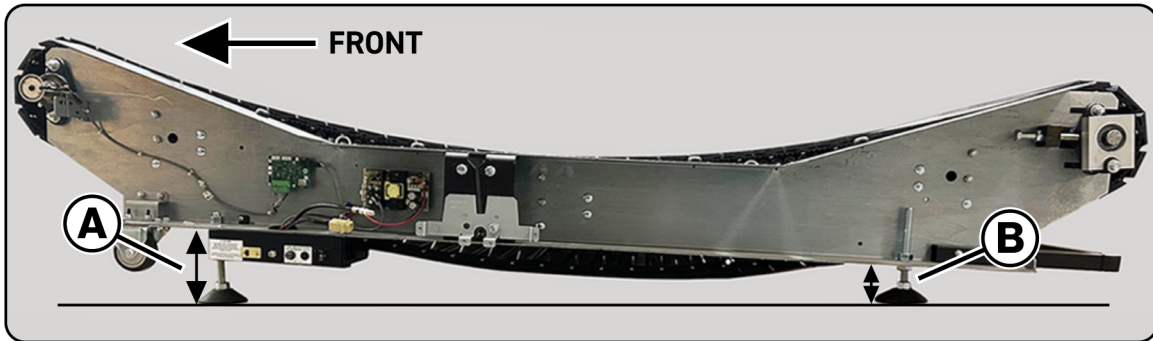
**7.1.1 Curve / Curve Trainer**

Both **Curve** and **Curve Trainer** Models have the same front and rear leveling feet distances:

(A Rear) = 4" (10.16 cm)

(B Front) = 6" (15.24 cm)

7.1.2 Curve XL



Curve XL leveling feet dimensions are as follows:

(A Front) = 6" (15.24 cm)

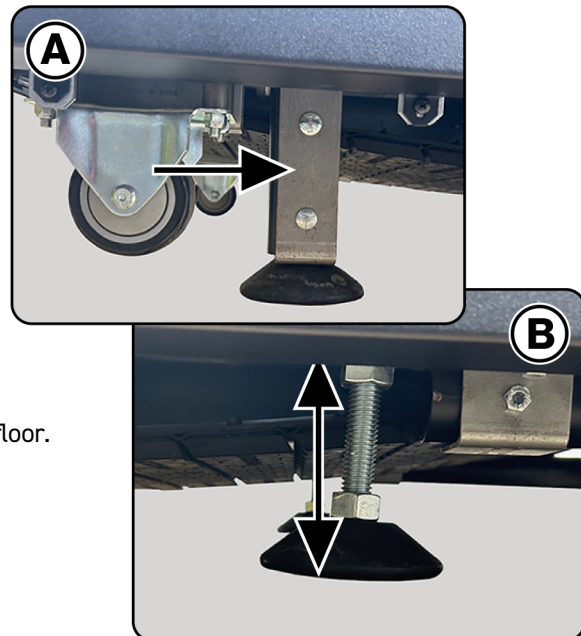
(B Rear) = 3" (7.62 cm)

7.1.3 Curve FTG

The **Curve FTG** is unique among the Curve models as the **Front Support Legs (A)** are non adjustable.

At the front, the adjustable threaded rod is replaced with a static steel spacer which improves the stability of the treadmill when users are training under heavy resistance.

The **Rear Support Legs (B)** are adjustable and should be set at **4" (10 cm)** from the bottom of the chassis, to the bottom of the leveling foot/floor.



7.2 Chassis Cover Removal

Required tools:

- #2 Phillips Head Screwdriver
- 4mm or 5/32" Allen wrench

All Curve models are very similar in regards to the Chassis Cover Panels.

(Curve FTG shown for reference)

Curve, Curve Trainer, and Curve FTG have End Caps that are independent of the side and top covers.

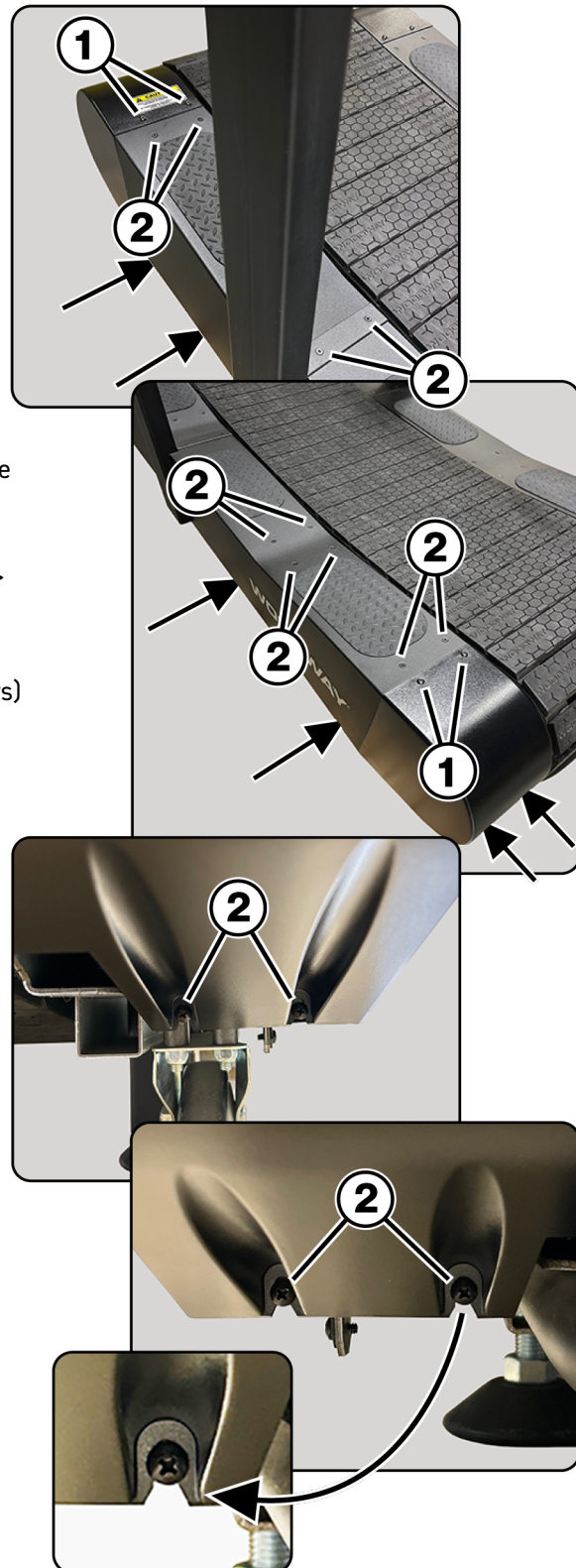
The Curve XL has End Caps that are incorporated into the side/top covers.

On treadmills with independent End Covers use a 4mm or 5/32" Allen Wrench to remove the **End Cap Bolts (1)** use a #2 Phillips Head Screwdriver to remove the **Side and Top Cover Screws (2)**.

Side covers also have Phillips Head Screws located along the bottom of the chassis (Arrows) that will need to be removed.

The End Caps have Phillips Head Screws securing them on the bottom, loosen these screws using a #2 Screw Driver.

Note: The lower End Cover Screws do NOT need to be removed, only loosened, as the covers are notched allowing them to be lifted off the loosened screws.



7.3 Handrail Removal

As noted in Chapter 4 Storage and Transportation, in certain cases the treadmill may need partial disassembly to fit through doorways or other tight confines in order position it in its final location.

Typically removing the handrail assembly is enough to scale down the unit for easier moving.

Note: Handrail assemblies are fairly heavy, large, and awkward, it is recommended that 2 people be used for the removal and installation of the handrail assemblies.

7.3.1 Curve / Curve XL Handrail Removal

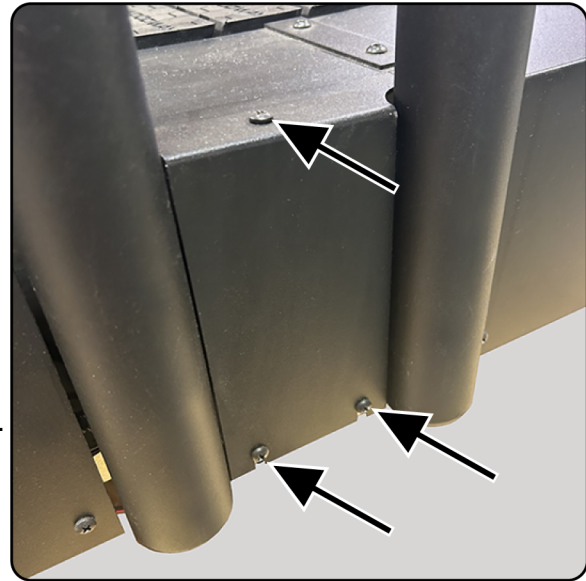
Required Tools:

- #2 Phillips Head Screwdriver
- 9/16" Socket Wrench

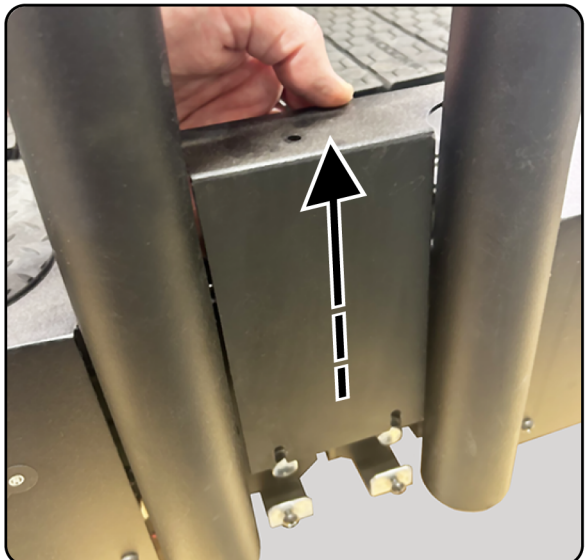
1. Using a #2 Phillips Head Screwdriver remove the screws on top of both left and right center side covers located between the Handrail Uprights.

Loosen the two screws securing the lower portion of the center covers.

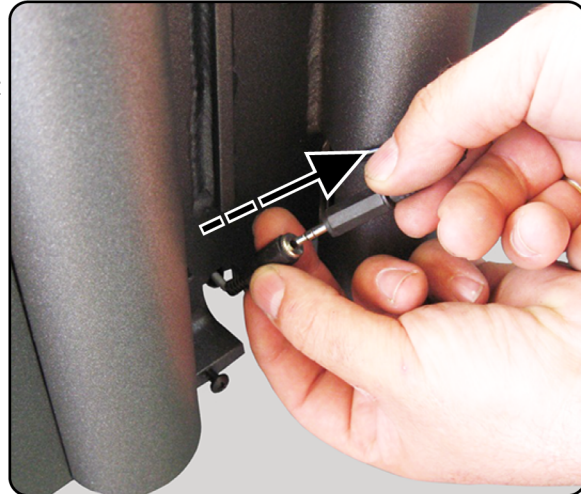
Note: The lower cover holes are notched allowing the cover to be removed without removing the two lower screws.



2. With the upper screws removed and the lower two loosened, lift the center covers up and away from the chassis, and set aside.

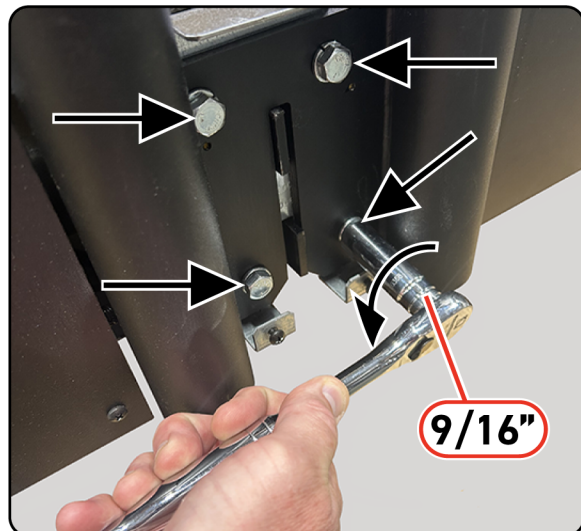


3. With the center side covers removed, locate the data cable at the bottom of the right side handrail upright, and disconnect it.



4. Use a 9/16" Socket wrench to remove the the four bolts securing the handrail on each side of the treadmill chassis.

Note: The handrail assembly mounting plates are slotted and rest on steel tabs protruding from each chassis mounting plate.



5. With the four bolts removed on the **Left Side (1)** and the four bolts removed on the **Right Side (2)** the Handrail Assembly may be lifted up and away from the chassis.
6. Position the chassis in its final location confirming placement parameters outlined in chapter 6.2 and safe fall area dimensions as outlined in chapter 6.3.
7. Re-assembly is reversal of the Dis-assembly process.

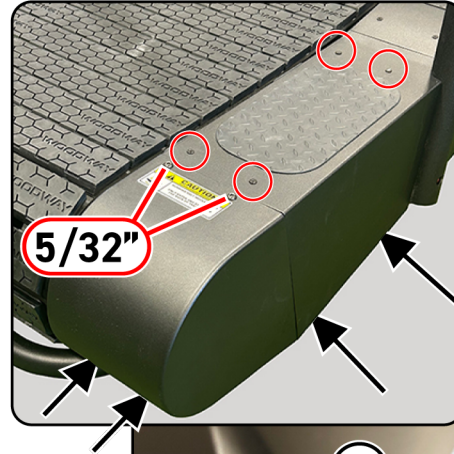


7.3.2 Curve Trainer Handrail Removal

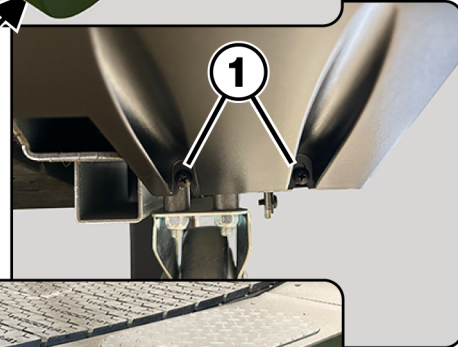
Required Tools:

- #2 Phillips Head Screwdriver
- 5/32" Allen Wrench
- 5/16" Allen Wrench

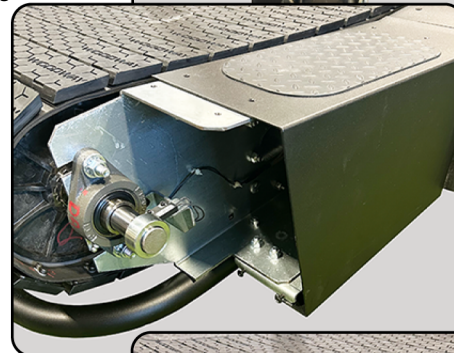
1. Start by removing the right rear corner end cover, using a 5/32" Allen wrench for the two top bolts.



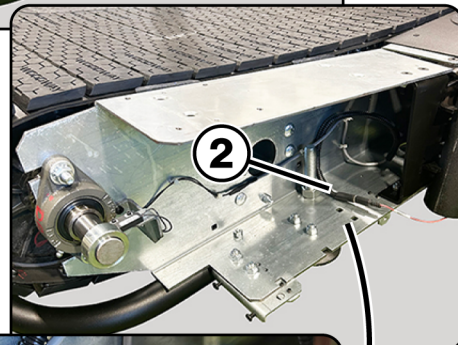
2. Use a #2 Phillips Head Screwdriver to loosen the **Lower Two Screws (1)**.



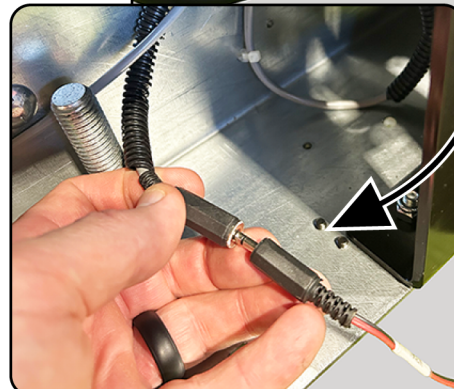
Note: The two lower screws do not need to be removed as the cover is slotted, allowing the cover to be lifted up and removed.



3. Using a #2 Phillips Head Screwdriver remove the six screws securing the right rear cover, and remove the cover.



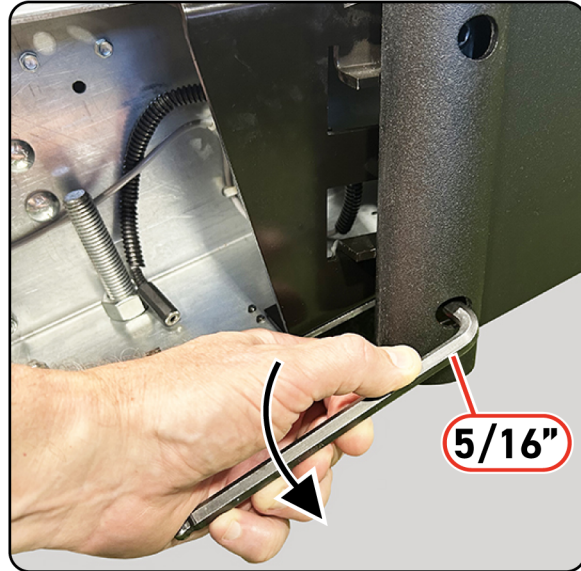
4. With the cover removed locate the **Communication Cable Connector (2)** and disconnect it.



5. Use a 5/16" Allen Wrench to remove the two bolts on both Left and Right side Handrail support tubes.

NOTE: This is a two person procedure, one person must support the Handrail assembly, while the other removes the bolts.

6. With all four bolts removed, lift the Handrail assembly up and away from the chassis.



7. Position the chassis in its final location confirming placement parameters outlined in chapter 6.2 and safe fall area dimensions as outlined in chapter 6.3.
8. Re-assembly is reversal of the Dis-assembly process.

7.3.3 Curve FTG Handrail Removal

Required Tools:

- #2 and #3 Phillips Head Screwdriver
- Small Flat Blade Screwdriver
- 9/16" Combination wrench X2 or 9/16" Ratchet wrench and Combination Wrench
- 7/32" Allen Wrench
- 5/32" Allen Wrench (or 4mm Allen Wrench)
- Side Cutters

Note: The Curve FTG is unique with its heavy duty Handrail assembly to support forced training with harnesses and resistance.

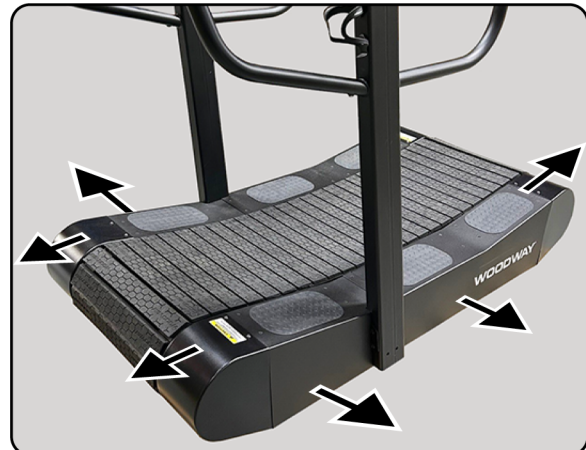
This procedure is best done with 2 people, as one person will need to support the Control Console / Handrail assembly when the mounting bolts are removed.

NOTICE

It is recommended to have a second person assist in removing and inserting the handrail assembly during the following procedures.

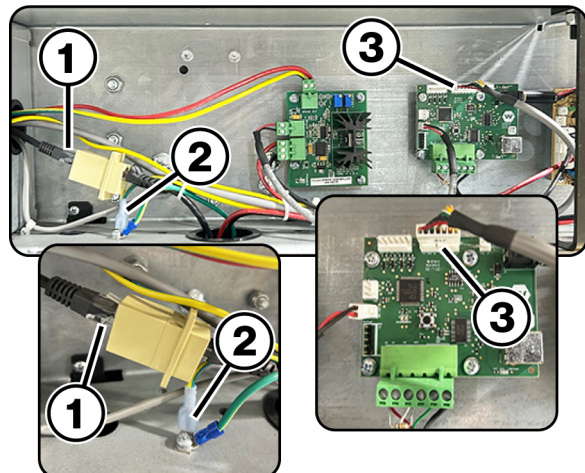
1. Ensure the unit is powered OFF and disconnected from the incoming power supply.
2. Use a 5/32" (4mm) Allen Wrench and #2 Phillips Head Screwdriver to remove both front right and left End Caps and Side Covers.
Also remove the left rear End Cap and Side Cover.

(See Sub Chapter 7.2 Chassis Cover Removal)

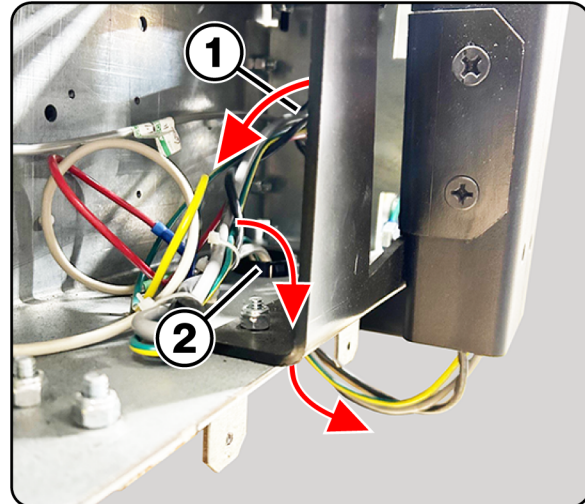


3. With the covers removed, locate the electrical boards on the left chassis side wall.
4. Disconnect the **Ethernet Connection (1)** at the point shown, (if the unit is equipped with a ProSmart Control Console) unplug the **Ground connection Stay-con connector (2)**, and disconnect the Multi Pin connection point for **Control Console Signal Wire (3)** (7 PIN).

Use Side Cutters to carefully remove any Zip-Ties to free the disconnected wires from the wire groupings.



5. Route the wires through the **Chassis Bulk-Head (1)**, and down through the lower **Chassis Port (2)**.



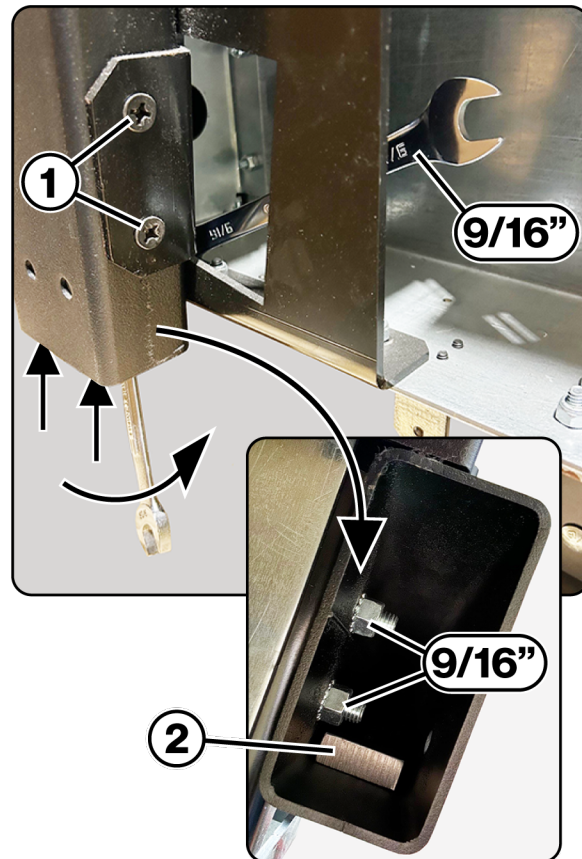
Note: The next step is best done with two people, as one person will need to support the Control Console / Handrail assembly when the mounting bolts are removed.

6. Use a #3 Phillips Head Screwdriver to remove the **Two Front Screws (1)** on both left and right sides of the treadmill.

Note: The Front Screws thread into a **Threaded Steel Block (2)**, when the screws are removed the block will fall out of the support tube.

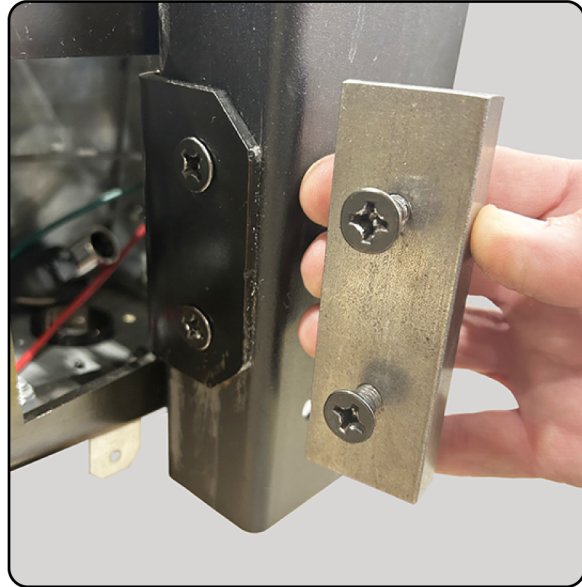
7. With a second person supporting the the Control Console / Handrail assembly, use two 9/16" wrenches to remove the two nuts inside the Handrail Support Tube.

Use a 9/16" Wrench on the inside of the chassis to keep the bolts from turning, as they stay in the mounting plate to support the Handrail Tubes on each side of the chassis.



Use a second 9/16" wrench to remove the two nuts inside the Handrail Support Tube.

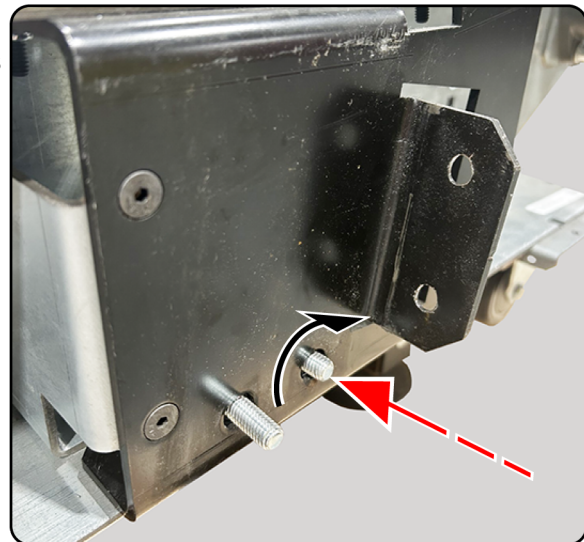
8. Reference picture of Threaded Steel Support Tube insert.



9. With the front screws removed from both right and left sides, and all four of the nuts removed from the inside of the Support Tubes, the Handrail assembly will be resting on the four bolts extending from each mounting bracket.

Note: Picture shown for visual reference of the Two Support Tube mounting bolts.

Since the entire Handrail Assembly is still assembled as one piece, both left and right support tubes will be held against the mounting plates.



10. With a second person supporting the Handrail and Console Assembly, use a 9/16" Socket Wrench to carefully back the bolts out on each side about a 1/2".
11. With the bolts backed out the right and left Support tubes can be slight pulled away from the chassis enough to clear the bolts. Once clear of the bolts lift the Handrail Console Assembly away from the chassis.
12. Position the chassis in its final location confirming placement parameters outlined in chapter 6.2 and safe fall area dimensions as outlined in chapter 6.3.
13. Re-assembly is reversal of the Dis-assembly process.

8 Operation

8.1 For Your Safety

Refer to Chapter 1 for safety information

8.2 Practical Training

NOTICE

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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.

8.2.1 Professional Consultation

For all treadmill 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 treadmill training, WOODWAY recommends running on the treadmill in an upright and natural running position and to avoid dragging foot movement.

8.2.2 Warm-Up and Cool Down

A warm-up before each workout and a cool-down after each workout is recommended. If possible, you should always do some basic stretching exercises for the legs before and after training.

The stretching exercises make you more flexible which prevents muscle soreness and injury during routine activities.

8.2.3 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 mid-foot or forefoot). If you land on your heels, you are over-striding and should shorten your stride in order 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 your shoulders to move from side to side.

8.2.4 Training Frequency

Endurance Training

At the beginning of training allow yourself enough time to get into shape. After a break from training, you should also allow sufficient time to rebuild physical condition.

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 to 60 minutes, 4 - 5 times per week.

Running Shoes

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

8.2.5 Measuring Heart Rate

To select the optimum fitness levels for the workout, it is important to determine your heart rate and pulse as accurately as possible. For this, the use of a high-quality heart rate monitor is recommended.

In the event that you do not have a heart rate monitor, you can take your pulse by placing your fingers on the underside of your wrist or on one side of your neck. Look at the second hand of a clock and count how many beats you feel in 15 seconds. Multiply this number by 4 to calculate the BPM (beats per minute). Your heart rate is required when you do your fitness test.



8.2.6 Calculating Heart Rate Measurement

Determine Heart Rate

For selecting the individual training intensity, it is important to determine one's own heart or pulse rate. For this, the use of a heart rate monitor is recommended. The pulse can also be determined by placing the middle and index fingers together on one side of the neck (a few centimeters outward from the larynx). Count the number of beats within a 15 second period and multiply by 4 to determine the beats per minute (BPM).

Maximum Heart Rate

To determine your maximum heart rate subtract your age from the number 220 (general formula). The difference is an approximation of your maximum heart rate.

This formula is used by the American Heart Association (AHA) and the American College of Sports Medicine (ACSM).

Your actual maximum heart rate is determined by a stress test performed by your doctor.

The American Heart Association recommends undergoing a stress test if you have a history of heart disease or if you are over 40 years old and starting an exercise program.

Heart Rate Recommendation

During training it is recommended not to exceed a value of 85% of your maximum heart rate. Your target range is between 60 and 75% of your maximum heart rate.

If you find that your heart rate is above the 75%, you are probably running too fast. Reduce your speed or stop your workout for a brief moment to bring your heart rate back to the target range.

Use the following chart to determine your heart rate range:

Age	Maximum Heart Rate (BPM*)	60% of Max Heart Rate (BPM*)	75% of Max Heart Rate (BPM*)	85% of Max Heart Rate (BPM*)
20	200	120	150	170
25	195	120	150	160
30	190	110	140	160
35	185	110	130	150
40	180	100	130	150
45	175	100	130	140
50	170	100	120	140
55	165	90	120	130
60	160	90	120	130
65	155	90	110	130
70	150	90	110	120
75	145	80	100	120

8.2.7 Heart Rate Monitors

The display was designed so that the user's Heart Rate is indicated when compatible heart rate transmitters are used, i.e. POLAR® measuring device (GymLink compatible) and ANT+. In order to display the user's heart rate accurately on the screen, the built-in receiver display must receive a stable heart rate signal from the transmitter.

Please visit www.polar.com/us-en and <http://www.thisisant.com/directory/> to view a full list of monitors and devices with POLAR® (GymLink) and ANT+ compatibility.

Heart rate measuring systems consists of three main elements:

- Sensor/transmitter
- Chest strap/belt or sport watch
- Measuring device/console

The receiver for the wireless system is installed in the measuring device assembly or the console display. When in operation the display shows the heart's activity in beats per minute (BPM).

**WARNING**

Danger of Electrical Disturbance!

- Using the transmitter from the heart rate monitor in conjunction with an electric pacemaker may cause electrical interference and influence the functionality. This could cause a health hazard.
- Never use the heart rate monitor together with an electric pacemaker.

8.2.8 Applying the Chest Strap

The transmitter should be applied centrally below the chest muscles. After the belt is fastened, pull it away from the chest by stretching the strap and moistening the conductive electrode strips which are located below the buttons. The transmitter operates automatically while it is worn. It does not work if the connection between the transmitter and the body is broken. Refer to Heart Rate Monitor Owners Manuals for further specific details.

Positioning

The sensor/transmitter is to be worn below the chest and above the abdomen, preferably directly on the skin (not over clothing), logo to the outside. Moisten the contact surface of the transmitter in order to transmit the best signal possible from the body to the measuring device.

Cleaning

The chest strap can be washed. Remove belt from the transmitter, taking care not to bend the electrodes. Wash the strap and electrodes with warm water and mild soap. Do not machine wash the electrodes and do not use alcohol or other harsh cleaning solvents.

Since the transmitter can be activated by moisture, it should be wiped dry after cleaning. Never use force to clean the transmitter.

Transmission / Receiver Signal

The transmitter has a range of about 3 ft. (1 m). Depending on the model, the receiver is located in the display.

When positioning several treadmills next to each other ensure that a minimum distance between the devices is kept in order to avoid the interference of the transmission signals between runners.

8.2.9 Transmitter Function

The signal will only be transmitted if the transmitter is within 3 ft. (1 m) of the receiver.

Note that variations in the heart rate display can occur when the transmitter is too close to other heart rate measuring devices. Maintain at least 3 ft. (1 m) distance from other devices.

NOTICE

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It is possible that the heart rate measurement reception is irregular or completely disrupted when the measuring device is too close to strong sources of electromagnetic radiation, for example, in the vicinity of overhead power lines, televisions, computers, electric motors, or other fitness equipment.

Only one transmitter should be used within range of a receiver since the receiver might otherwise receive multiple signals and transmit inaccurate readings.

8.3 Curve Standard Display

This manual covers the standard Curve and Curve FTG control console.

For treadmills that have an upgraded/optional ProSmart display, refer to the ProSmart Manual for operation.

The battery-operated Control Console display utilizes large Membrane style push-buttons that allows users to quickly make adjustments while working out, while the large hi-contrast seven segment LCD displays give users easy to read real-time workout feedback.

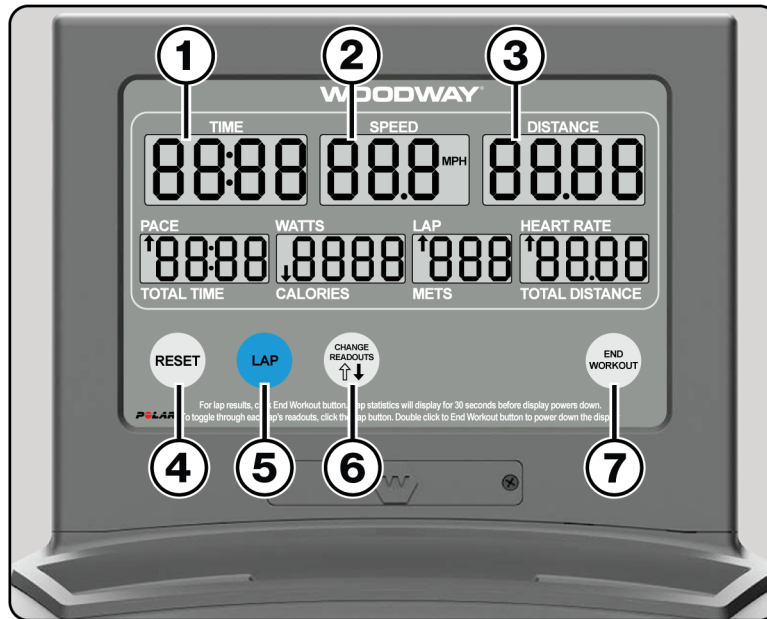
Curve, Curve Trainer, and Curve XL all utilize the same control console layout and operation.

The Curve FTG differs in the addition of two added plus and minus buttons to control the running belt resistance level.

Function buttons along the lower portion of the control panel allow user's to Reset display readouts, adjust LAP counts, switch readout display parameter views, and End the current workout.

Function buttons are also used for accessing and changing user settings.

8.3.1 Description of Display Elements



Curve, Curve Trainer, and Curve XL Display Shown (See Sub Chapter 8.3.2 for FTG Model)

TIME (1) Is displayed in 00:00 format and is counted up from zero when the treadmill senses movement of the running surface. Pressing the LAP button will reset the TIME to 00:00 and begin counting again, denoting the start of a new lap.

The TIME display stops automatically when no running surface movement has been detected for three seconds.

SPEED (2) Is displayed in 00.0 format. SPEED represents the user's current speed in mph/kph. mph/kph units are adjustable/selectable in the Settings Menu.

DISTANCE (3) Is displayed in 00.00 format. Distance displays the user's current "Lap" distance in miles/kilometers.

The distance is accumulated until the LAP button is pressed, at that time the DISTANCE display will restart at 00:00 and begin accumulating distance for the new lap.

The count is terminated by pressing the RESET or END WORKOUT button, or when the no running surface movement has been detected for three seconds.

RESET (4) Resets the display readouts.

LAP (5) The Lap button (when pressed) increases the lap count display window while resetting time and display readouts. Lap results can be read by pressing END WORKOUT and scrolling through the lap using the LAP button.

CHANGE READOUTS (6) Toggles the four center LCD readouts between the top display and bottom display. The current readout is shown by arrows on the display screen.

END WORKOUT (7) Will display results of the workout for 30 seconds before powering down. In this mode, the lap button can be pressed to cycle through the results of all laps. The End Workout button can be pressed a second time to power off the display.

The four LCD windows across the middle of the screen are multi-function displays.

A small arrow on the left side of each window denotes which display is active based on the arrow up/down direction.

PACE / TOTAL TIME:

PACE is displayed in 00:00 format and represents the time it takes to complete a mile/kilometer, based on the chosen unit of display. (Metric or Imperial)

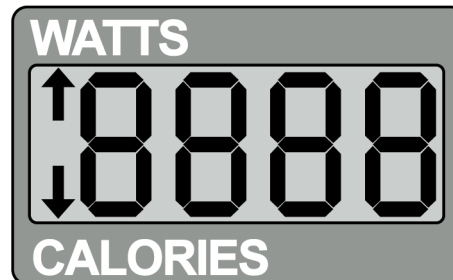
TOTAL TIME is the accumulative total time for the workout, including all lap times within the workout.



WATTS / CALORIES:

WATTS are displayed in 0000. They are the instantaneous measurement of power based on the current speed and a standard weight of 150lbs. (70 kg). (**NOTE:** User Weight may be adjusted in the Setting Menu)

CALORIES burnt is displayed in 0000 format, and are the total number of calories burned in the current workout.



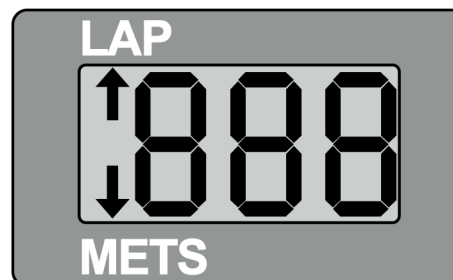
They are calculated using the ACSM formula $[(\text{Workout METs}) * 3.5 * [\text{User's weight in kg.}] / 200]$, based on a standard weight of 150 lbs (70 kg).

LAP / METS:

LAP displays the current lap the user is on. To increase the lap number, press the Blue LAP function button.

Pressing the LAP button will also reset the TIME display (Lap Timer) at the upper left of the display panel.

METS or Metabolic Equivalent of Task is the rate at which a person expends energy, relative to the mass of that person. One MET is defined as the energy that is use when resting or sitting still.



An activity that has a value of 4 METs means the user is exerting four times the energy than if they were sitting still.

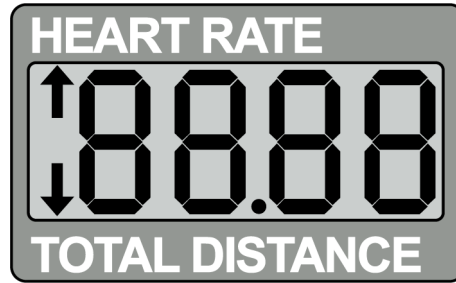
HEART RATE / TOTAL DISTANCE:

HEART RATE displayed in 000 format.

It represents the user's actual Heart Rate (Pulse) during training in the form of beats per minute.

The user must be wearing a compatible Bluetooth® Heart Rate Monitor for this function to work.

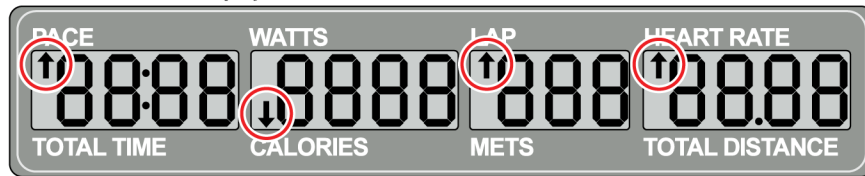
TOTAL DISTANCE is displayed as 00.00 which measured the accumulation of all miles (or km) over all laps.



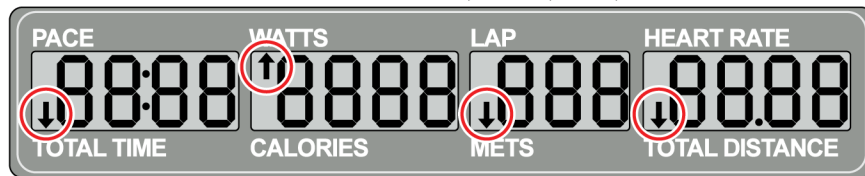
The center row of LCD display windows allow the viewing of different metrics depending on either the default setting or toggling the metrics by pressing the CHANGE READOUTS button.

A small arrow at the left of each window denotes which display metric is showing.

Default Display Readouts view: PACE, CALORIES, LAP, HEART RATE



CHANGE READOUTS View: TOTAL TIME, WATTS, METS, TOTAL DISTANCE



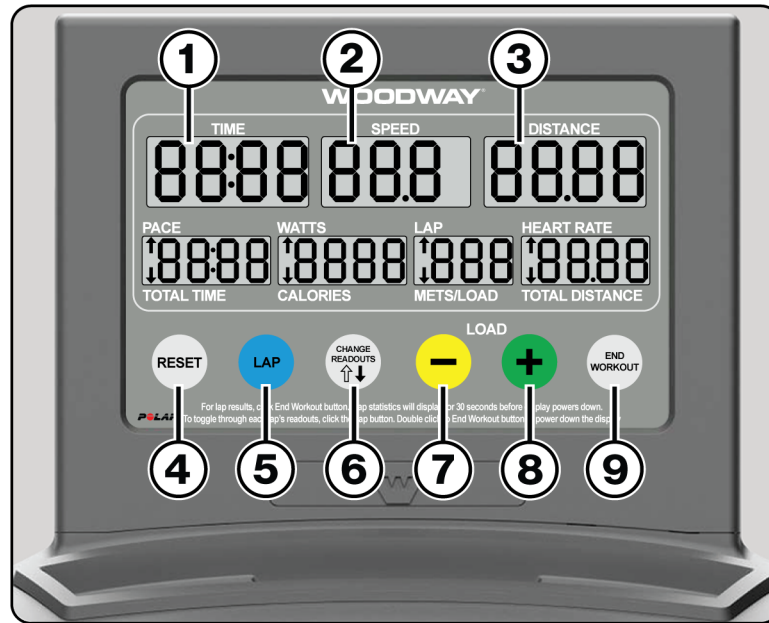
8.3.2 Curve FTG Description of Display Elements

Curve FTG models are unique in the Curve model line as they incorporate a resistance “motor” creating a variable resistance running surface to give users an enhanced workout.

Adjustable resistance levels from 0 to 20 may be set/adjusted during a workout from the Control Console or by using the membrane push buttons located on the left handrail.

Each time the buttons (+/-) are pressed it will increase or decrease by one numeric value.





1 - TIME is displayed in 00:00 format and is counted up from zero when the treadmill senses movement of the running surface. Pressing the LAP button will reset the TIME to 00:00 and begin counting again, denoting the start of a new lap.

The TIME display stops automatically when no running surface movement has been detected for three seconds.

2 - SPEED is displayed in 00.0 format. SPEED represents the user's current speed in mph/kph. mph/kph units are adjustable/selectable in the Settings Menu.

3 - DISTANCE is displayed in 00.00 format. Distance displays the user's current "Lap" distance in miles/kilometers.

The distance is accumulated until the LAP button is pressed, at that time the DISTANCE display will restart at 00:00 and begin accumulating distance for the new lap.

The count is terminated by pressing the RESET or END WORKOUT button, or when the no running surface movement has been detected for three seconds.

4 - RESET resets the display readouts.

5 - LAP The Lap button (when pressed) increases the lap count display window while resetting time and display readouts. Lap results can be read by pressing END WORKOUT and scrolling through the lap using the LAP button.

6 - CHANGE READOUTS Toggles the four center LCD readouts between the top display title and bottom display title. The current readout is shown by arrows on the display screen.

7 - MINUS Decreases current resistance setting by one numeric value each time it is pressed.

8 - PLUS Increases current resistance setting by one numeric value each time it is pressed.

9 - END WORKOUT Will display results of the workout for 30 seconds before powering down. In this mode, the lap button can be pressed to cycle through the results of all laps. The End Workout button can be pressed a second time to power off the display.

8.3.3 Configure User Settings

The Control Console Display may be configured to the user's preferences by accessing the Settings Menu.

The Following parameters may be custom tailored through the Settings Menu:

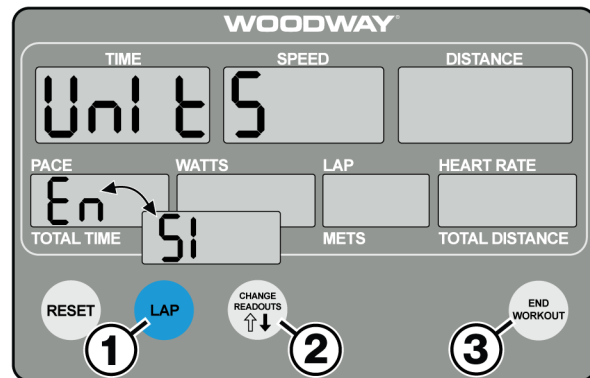
- Units - Metric or Imperial Units
- Sleep - Screen Sleep Timer
- FTG Model Start Resistance - Workout start resistance
- User Weight
- Lifetime Distance - View Treadmills Lifetime Distance (READ ONLY) non-adjustable
- Display Refresh Rate
- LCD Test - Confirms Display Segments
- Buzzer Enable - Audible Button Press ON/OFF
- About information - Read Only

To access the User Settings **DEPRESS AND HOLD BOTH** the Blue LAP button and CHANGE READOUTS button for five to seven seconds.

Once in Settings Mode, the CHANGE READOUTS button may be pressed to cycle through the settings menu (listed above)

Units is used to select the desired units of measure, pressing the **Blue LAP button (1)** will toggle choice between En - Imperial or SI - Metric.

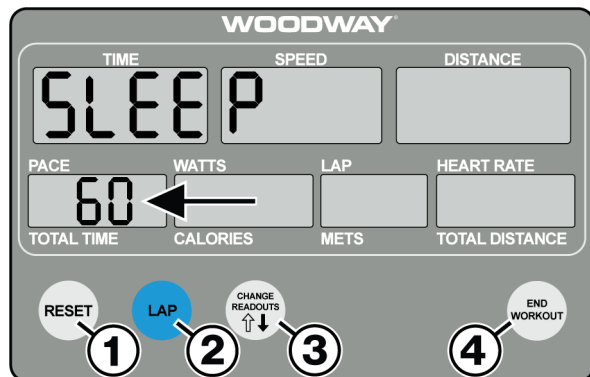
Press the **CHANGE READOUTS button (2)** to save the new selection and cycle to the next Settings Menu screen. Or press the **END WORKOUT button (3)** to save the selection and exit the Settings Menu.



Sleep is used to adjust the length of time before the display goes into sleep mode. Timer range is 30 seconds to 300 seconds. Default time is 60 seconds.

Pressing the **RESET (1)** or **LAP button (2)** will decrease or increase the time setting in 30 second increments.

When the desired time is shown, press the **CHANGE READOUTS button (3)** to save the new setting, and cycle to the next Settings Menu screen. Or press the **END WORKOUT button (4)** to save the selection and exit the Settings Menu.



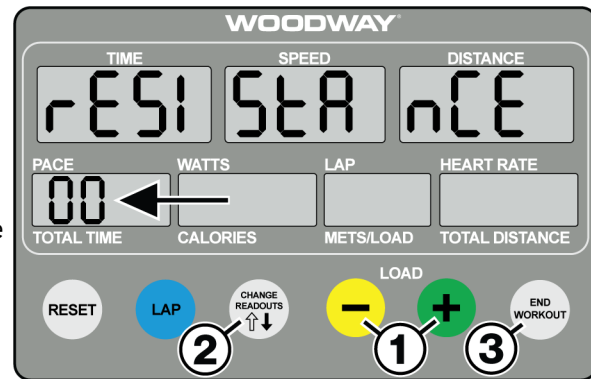
Resistance is only available on Curve FTG models.

Setting a resistance level will automatically set the chosen resistance level at the beginning of each workout.

Use the **Plus/Minus buttons (1)** to choose the desired resistance level.

Minimum Resistance - 0

Maximum Resistance - 20



When the desired resistance level is shown, press the **CHANGE READOUTS button (2)** to save the new setting, and cycle to the next Settings Menus screen. Or press the **END WORKOUT button (3)** to save the resistance level and exit the Settings Menu.

User Weight - Pounds/Kilos

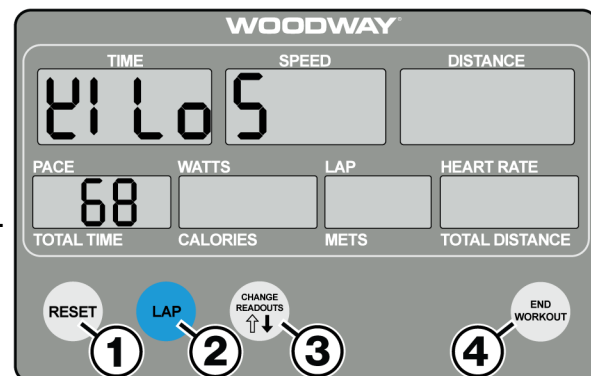
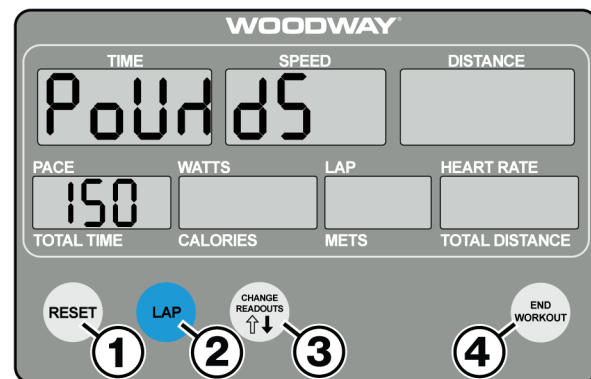
The weight setting screen will display either Pounds, or Kilos based on the chosen unit metrics (Imperial or Metric)

Pressing the **RESET button (1)** will decrease the weight by 5 lbs/kg per press.

Pressing the **LAP button (2)** will Increase the weight by 5 lbs/kg per press.

When the desired weight is shown, press the **CHANGE READOUTS button (3)** to save the new weight and cycle to the next Settings Menus screen.

Or press the **END WORKOUT button (3)** to save the selection and exit the Settings Menu.

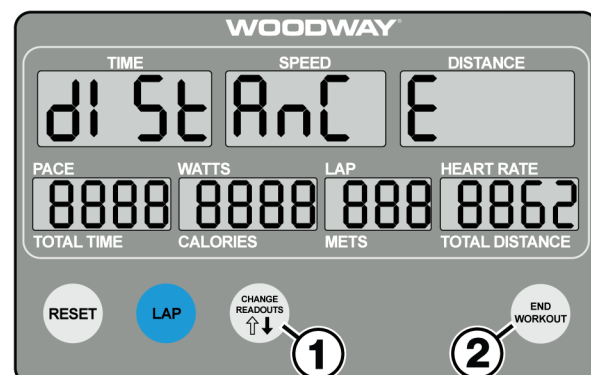


Distance displays the treadmills lifetime total Mileage/Kilometers depending on the chosen unit metric.

Distance is READ ONLY and cannot be reset.

Press the **CHANGE READOUTS button (1)** to cycle to the next Settings Menu screen.

Or press the **END WORKOUT button (2)** to exit the Settings Menu.

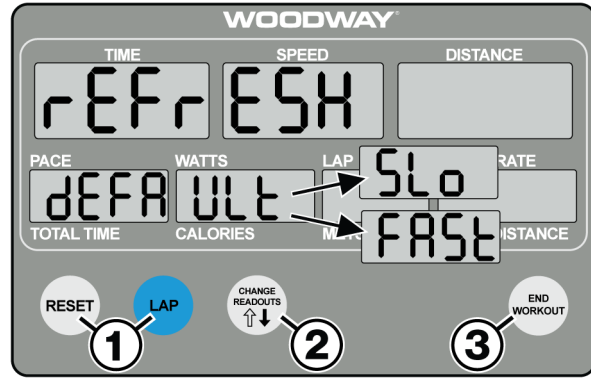


Refresh determines how quickly the LCD display metrics update during a workout.

Use the **RESET/LAP buttons (1)** to cycle through the three available settings: Slo, Default (recommended), and Fast.

Press the **CHANGE READOUTS button (2)** to save the desired refresh rate and cycle to the next Settings Menu screen.

Or press the **END WORKOUT button (3)** to save the selection and exit the Settings Menu.



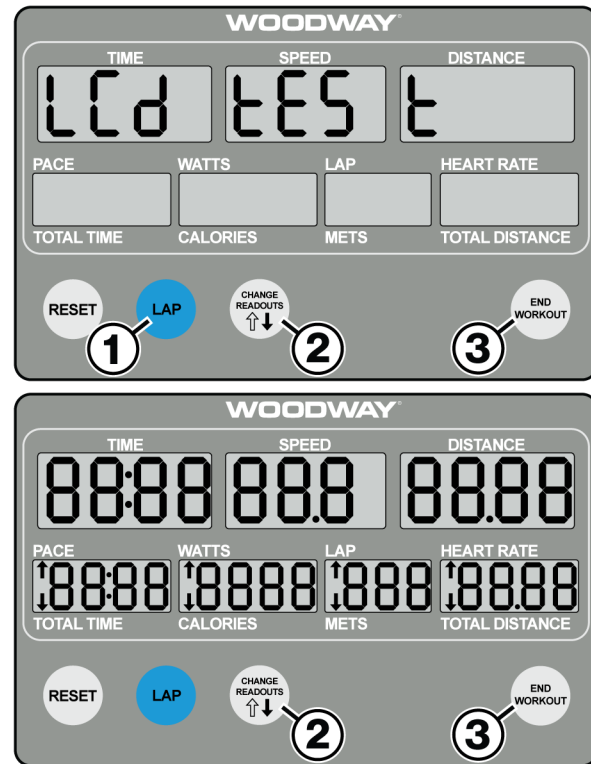
LCD Test allows the user to confirm all of the seven segment LCD elements are working correctly.

Press the **LAP button (1)** to turn ON the test.

Upon pressing the LAP button, all the LCD elements will illuminate confirming proper functionality.

Press the **CHANGE READOUTS button (2)** to cycle to the next Settings Menu screen.

Or press the **END WORKOUT button (3)** to exit the Settings Menu.

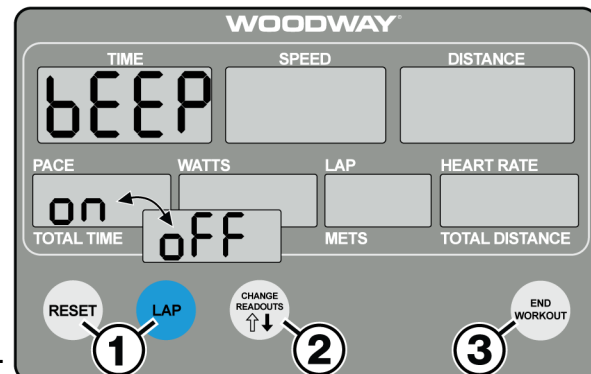


Beeper Enable/Disable

Use the **RESET or LAP buttons (1)** to toggle between ON or OFF selections.

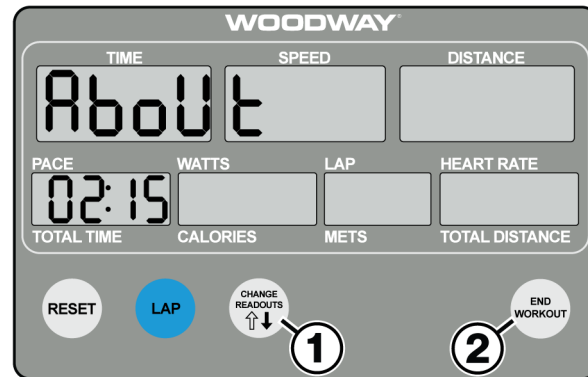
Press the **CHANGE READOUTS button (2)** to save the new setting and cycle to the next Settings Menu screen.

Or press the **END WORKOUT button (3)** to save the selection and exit the Settings Menu.



About is a read only screen and displays the current program number in the bottom left LCD display window.

Press the **CHANGE READOUTS button (1)** to cycle to the next Settings Menu screen, or press the **END WORKOUT button (2)** to exit the Settings Menu.



8.4 Training

8.4.1 Starting a Training Session

ATTENTION		BA11
Curve treadmills may only be mounted from the rear and side! Never mount the treadmill from the front! If mounted from the front the running surface starts to move immediately. Danger of Accident!		

Start running slowly holding on to the handrail, the running surface movement will activate the LCD display and begin counting and display metrics.

If using a CURVE on-motorized treadmill for the first time, start by walking at a slow speed for a few minutes to familiarize yourself with the device.

Learn the reaction to stride length and body position on the running surface, and how it affects speed.

Use the handrail for safety, and security until you are comfortable with the running surface and operation.

If needed the data display windows can be reset during training by pressing the RESET button.

8.4.2 Ending a Training Session

ATTENTION		BA12
To end a training session/workout gradually slow the rate of running and or walking until the running surface comes to a stop. Use the Handrail for support and security if needed.		

When finishing a workout gradually slow your pace until the running surface comes to a stop.

Pressing the END WORKOUT button will display the metrics for the workout, pressing the LAP button allows viewing of all lap segments and associated metrics.

Pressing the END WORKOUT button a second time will turn OFF the display.

9 Cleaning and Maintenance

9.1 Cleaning

Periodic cleaning and inspection of your WOODWAY treadmill will help prolong its life while keeping it looking like new.

And while cleaning will keep your treadmill looking new, a good Preventative Maintenance Program will keep your treadmill running like new.

Contact WOODWAY Service for information on Preventive Maintenance programs to help you get the most from your treadmill for years to come.

WOODWAY continually evaluates chemical profiles and active ingredients of multiple cleaning and disinfecting products/wipes commonly used in fitness, medical and rehabilitation sectors.

The compatibility of these products with WOODWAY treadmills is assessed to ensure adherence to cleaning standards without compromising treadmill material integrity.

! DANGER R5

Danger of Death by Electric Shock!

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

- No liquids may contact electrical parts such as motor, power cord, power switch, and 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.

! WARNING 09

Danger of Injury due to Lack of Qualifications!

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

- 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.
- Clean and examine the machine regularly for damage and or wear, paying special attention to areas susceptible to wear.
- In case of doubt or questions, always contact WOODWAY Customer Service or your dealer.
- The manufacturer is not liable for personal injury and material damage caused by a lack of qualifications!

Below are guidelines of recommended Cleaning and Maintenance intervals.

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

9.1.1 Weekly Cleaning and Maintenance

- Clean the handrails, chassis cover panels, and control console display panel
- Check the overall condition of the treadmill
- Vacuum under the treadmill

9.1.2 Yearly Cleaning and Maintenance

- Remove chassis side covers and vacuum the inside of the treadmill.
- With the covers off, check all screw and nut/bolt connections for tightness, tighten any loose nuts, or screws.
- Clean the running surface
- Check the toothed lateral running belts for missing or worn teeth
- Lubricate the front and rear support shaft bearings (See chapter 10.2.1)

Best Practices and Recommendations for Cleaning WOODWAY Treadmills:

- See WOODWAY's list of approved cleaning product recommendations.
- Always perform spot tests on hidden areas before regular use of any new cleaning product to avoid damage to component surfaces, observe the manufacturers instructions for detergent use.
- Apply cleaners with a soft cloth or sponge rather than spraying cleaners onto surfaces to avoid unneeded over-spray.
- Avoid excessive moisture around console seams, screens, and touch points.
- Do not use abrasive brushes or abrasive cleaners, as paint and plastic surfaces can be scratched.
- Do not use sharp tools (e.g. knife, metal scraper) or non- approved aggressive cleaning solvents for cleaning.
- Use only neutral pH, non-abrasive, and non-oxidizing cleaners that do not contain high concentrations of alcohol, bleach, or other oxidizers.
- See WOODWAY's recommended cleaning products.
- After disinfecting and cleaning wipe down surfaces to prevent residue buildup.

Approved Cleaning Products - Safe for Regular Use

These cleaners have been tested or are known to be non-damaging to treadmill surfaces.

- **Spartan - TriBase® Multi-Purpose Cleaner** (17) (Clean on the Go) – Tested and safe for regular cleaning, offering an effective yet non-damaging solution.
- **Mild Dish Soap & Water** (e.g., Dawn® diluted in water) – Gentle and effective for general cleaning.
- **Simple Green® All-Purpose Cleaner** (diluted) – Neutral pH, non-corrosive, and safe for most surfaces.
- **Ecolab Neutral Floor Cleaner** – Designed for safe use on various hard surfaces.
- **Zep® Neutral pH Floor Cleaner** – A mild formula that avoids strong oxidizers or solvents.

Cleaning Products to use with Caution - Compatible, but May Cause Long-Term Effects

These products are widely used in the industry and are not banned, but may cause surface degradation over time (especially to powder-coated paint, acrylic windows/screens, or decals).

Important: With ANY of the following products wipe residue away promptly and avoid over-saturation.

- **Gym Wipes (2XL GymWipes® Professional)** These wipes contain quaternary ammonium compounds, which may degrade certain surfaces over time.
- **Zogics Antibacterial Wipes** - Zogics Antibacterial Wipes contain benzalkonium chloride (0.13%), a Quaternary Ammonium compound.
While alcohol-free and commonly used in the fitness industry, field observations indicate these wipes may cause dulling or discoloration of powder-coated paint over time.
- **70% Isopropyl Alcohol** (Limited Use) – Safe for disinfecting, but avoid prolonged exposure to prevent surface dulling.
- **PDI® Products - Sani-Cloth® AF3, Super Sani-Cloth®, and Easy Screen®** all contain chemicals found to discolor, degrade and or cause surface cracking and brittleness over time.
Products include Isopropyl Alcohol, Quaternary Ammonium and Sodium Hypochlorite.

Cleaning Products to Avoid - Known to Cause Damage

WOODWAY continually evaluates chemical profiles and active ingredients of multiple cleaning and disinfecting products/wipes commonly used in fitness, medical and rehabilitation sectors.

The compatibility of these products with WOODWAY treadmills is assessed to ensure adherence to cleaning standards without compromising treadmill material integrity.

- **Spartan Chemical Clean by Peroxy®** (15) (Clean on the Go) Tested and confirmed to cause surface degradation due to its hydrogen peroxide content.

Cleaning Chemicals to Avoid Continued:

- **Ecolab Peroxide Multi-Surface Cleaner and Disinfectant.** Contains hydrogen peroxide (8.0%), which is an oxidizing agent that may cause surface degradation over time. Also contains dodecyl benzene sulfonic acid, which may contribute to surface wear.
- **Hydrogen Peroxide-based Cleaners** – Can cause material brittleness over time.
- **Acetone, Solvents and Strong Acidic/Alkaline** – May dissolve, weaken or breakdown treadmill surface integrity.
- **Bleach** (Sodium Hypochlorite-based products) – Causes discoloration and breakdown of materials.
- **Ammonia-based Cleaners** – May cause surface cracking and damage.
- **Abrasive Cleaners** – Can scratch and wear down surfaces.

[illegible]

9.2 Maintenance

9.2.1 Yearly Bearing Lubrication

The bearings on the front and rear Axle Support Shafts are to be lubricated with a grease gun once a year (two in the front, two in the rear).

To gain access to items covered in the lubrication chapter it will be necessary to remove the side and end covers (right and left side) from the treadmills chassis.

(See [Sub-Chapter 7.2](#)) for cover removal procedures.

Required Supplies:

- Grease Gun with Flex Hose
- Phillips Head Screwdriver
- 9/16" Combination Wrench

Although the main shaft pillow block bearings are sealed and lubricated from the factory, it is recommended to grease them once a year.

All Curve treadmills utilize a **One-Way Bearing Assembly (1)** to limit the running belt from rotating in the reverse direction.

The location of the One-Way bearing is dependent on the Curve model type.

Located behind the One-Way bearing is the pillow block bearing.

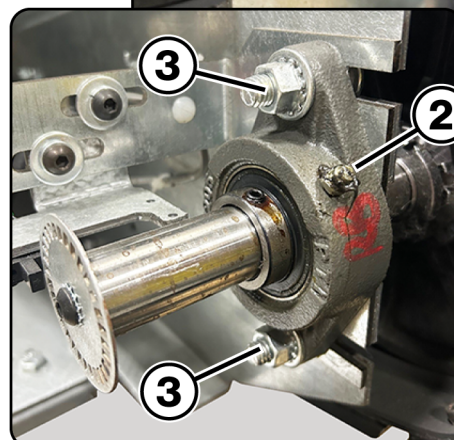
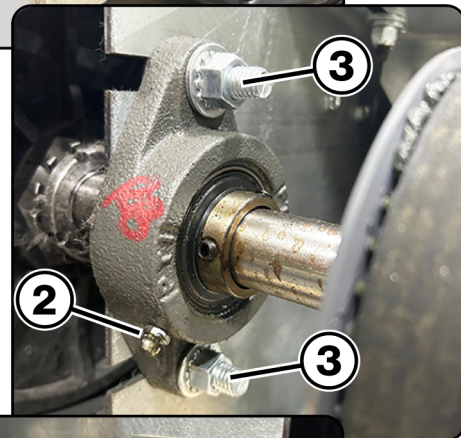
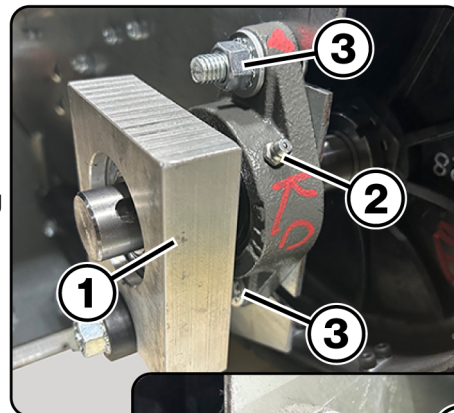
Attach the grease gun to the **Zerk Fitting (2)** and gently squeeze one pump of grease into each bearing (pumping grease to fast can blow-out the bearing seals).

Locate the remaining bearings at each corner of the chassis, attach the grease gun to the **Zerk Fittings (2)** and gently squeeze one pump of grease into each bearing (pumping grease to fast can blow-out the bearing seals).

Use a 9/16" Combination Wrench to check the **Nuts Securing the Bearings (3)** to the frame, tighten if needed. (Torque 31 ft lbs)

Use a clean lint free rag to remove any excess grease that has been pressed out the bearing grease seal.

Note: Bearings used in the guide rollers and track support are sealed and do not need to be greased.



9.2.2 Curve XL Timing Belt

The Curve XL utilizes a timing belt to keep the front and rear axles at equal circumferential speed.

Yearly the Curve XL right side covers should be removed and the timing belt should be inspected for wear and or damage.

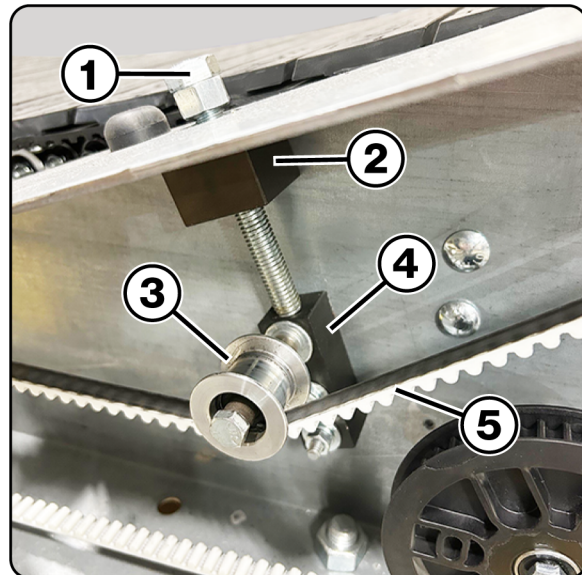
Required Supplies:

- 7/16" Combination Wrench or Socket Wrench
- #2 Phillips Head Screwdriver
- 5/32" Allen Wrench
- 3/4" Combination Wrench
- Tape Measure

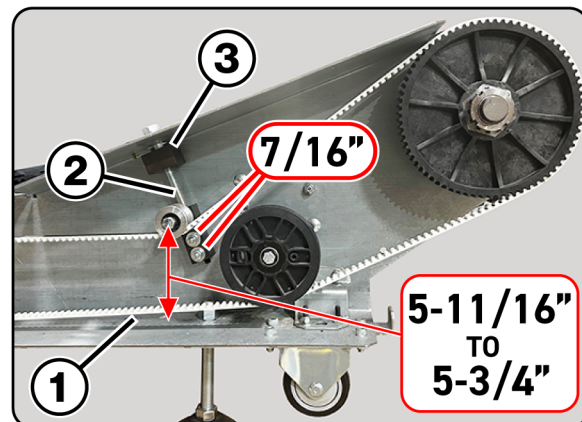
Component Callout:

- 1.) Jack Bolt (initially located on the lower chassis rail.)
- 2.) Threaded Jack Bolt Block
- 3.) Belt Tension Pulley
- 4.) Tension Pulley Support Block
- 5.) Timing Belt

Timing Belt P/N - D1413



1. Remove the right hand front cover.
2. Located near the **Lower Right Chassis Rail (1)** is a 3-1/2" long bolt mounted to the Chassis rail, use a 3/4" wrench to remove the bolt.
3. Thread the **Bolt (2)** into the **Jack Bolt Block (3)** through the access hole in the top chassis rail until it contacts the Pulley Support Block.
4. Use a 7/16" Wrench to loosen the two nuts located on the bottom portion of the Pulley Support Block.



5. Use a 3/4" Wrench to turn the Jack Bolt Clockwise pushing the Tension Pulley downward, adjust as needed. The correct distance from the Center of the Tension Pulley Bolt to the bottom rail of the chassis should be 5-11/16" to 5-3/4" inches.
6. With the Tension Pulley measurement confirmed, use a 7/16" Wrench to tighten the two nuts securing the Pulley Support block.
7. Replace the Jack Bolt into the Lower Chassis Rail, and install the Cover.

9.2.3 Battery Replacement

Curve, Curve Trainer, and Curve XL models use batteries to power the LCD control display.

If the LCD Display is not working the first point of diagnostics is to replace the Six double A batteries located on the bottom of the control console.

Required Tools:

- #2 Phillips Head Screwdriver

1. The lower Control Console contains a battery case that holds Six double A batteries.



2. Open the battery cover and replace the batteries.



10 Troubleshooting

NOTICE

BN14

Except for the maintenance work described in chapter 9.2, the treadmill can only be checked and repaired by qualified personnel.
If necessary, contact the WOODWAY dealer or service center.

If you have problems with your non-motorized treadmill, please consider the answers to the following questions before calling WOODWAY Customer Service:

- What is the serial number?
- What happened before the problem occurred?
- Did the problem occur suddenly or slowly over time?
- Was the treadmill in use when the problem occurred?
- Explain any other signs which can provide information for correcting the error.

10.1 Display Will Not Turn On

- If the treadmill is a Curve FTG model ensure that it is plugged into a working power source and the main power is turned on at the AC bracket located on the lower left side of the chassis.
- Replace the batteries located on the lower portion of the control console.
- If the display still does not function properly, contact WOODWAY Customer Service.

10.2 Running Surface Belt is Stuck/Difficult to Move

- Check for any obstacles around or under the belt and remove them if possible.
- Remove side panels and ensure that the belts are properly aligned on rollers.
- Contact a WOODWAY Customer Service technician to determine where the cause of the problem could be.

10.3 Squeaking Sounds

- Toothed belt rubbing against guide roller: Grease edge of belt with a universal lubricant.
- Broken guide roller or roller bearing: Contact WOODWAY Customer Service to replace broken bearings or parts
- Timing belt rubbing against the pulley: Grease the edge of the timing belt with a small amount of all-purpose grease.

Note: *Excessive grease can cause clotting and collection of dust.*

10.4 Electrical Static

- Placing a thick durable PVC, rubber, or foam mat under the treadmill helps to eliminate a lot of static.
- Clothing - Synthetic materials like polyester and nylon build up a significantly higher static charge, natural fabrics like cotton and bamboo tend to create/retain less static charge.
- Many times in winter months when the air is the driest the lack of humidity can cause excessive static charge. Placing a humidifier in the room with the treadmill and maintaining a humidity level between 40 to 60 percent can lower static charge in the air.
- Routine maintenance of wiping down the slats with 50/50 mixture of water and fabric softener, and or spraying the slats with Anti-Static spray will help eliminate static.

11 Warranty Information

	Frame	Running Belt Moving Parts	Remaining Parts	Labor
Home Use	5 years	3 years	1 year	1 year
Commercial Use	5 years	3 years	1 year	1 year

WOODWAY 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.

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 procedure documentation as outlined in the Owner Manual.

**WOODWAY 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 WOODWAY selection, it may repair and replace the non-conforming goods or parts. WOODWAY shall not be liable for any incidental or consequential damages.

A Preventative Maintenance Program will protect your investment and keep your treadmill running like new.

Contact WOODWAY Service for information on Preventive Maintenance programs to help you get the most from your treadmill for years to come.

[WOODWAY Service Contact](#) (page 19)

Our Guarantee

WOODWAY guarantees the repurchase of WOODWAY treadmill products for a period of up to five (5) years after original installation, contingent on proof of annual preventative maintenance completion.

A direct payment, or credit toward the purchase of a new WOODWAY, based on the purchase price (excluding original shipping, install, taxes and customization) of the treadmill will be made to the original owner of a WOODWAY treadmill.

This guarantee is limited to the original owner. Contact WOODWAY for further details on percentage and restrictions.

A Preventative Maintenance Program will protect your investment and keep your treadmill running like new.

Contact WOODWAY Service for information on Preventive Maintenance programs to help you get the most from your treadmill for years to come.

12 Maintenance Report Logs

[illegible]

13 Options and Accessories

For questions about accessories and WOODWAY services call WOODWAY customer service at 1-262-548-6235 or your responsible WOODWAY dealer.

Protective Floor Mat:

Serves to protect the floor or carpet under the WOODWAY device and at the same time protects against obstacles such as deep pile carpet.

14 Disposal



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.
- Rubber parts are disposed of as hazardous waste.

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.