

**MEDICAL** 

#### THE WOODWAY DIFFERENCE

#### THERE IS WOODWAY AND THEN THERE ARE CONVENTIONAL TREADMILLS.

WOODWAY treadmills feature revolutionary technology that provides users with an experience unlike any other. WOODWAY engineers set out to develop a safe and comfortable running surface for users that reduce shock on the body but also reduces the friction and wear associated with the conventional conveyor belt style. A system so durable it runs reliably year after year, saving more on energy costs than any other treadmill, and is so comfortable that you can even run on it barefoot.



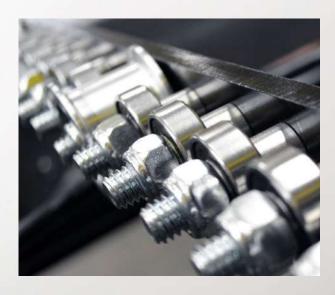
## SHOCK REDUCING SLAT BELT RUNNING SURFACE

Comprised of numerous individual shockabsorbing slats that have been scientifically proven to reduce harmful shock to joints, muscles, and connective tissue, the running surface can absorb more than 150,000 miles of usage without a single belt change.



## NO-SLIP DRIVE PULLEYS & BELT

Designed to provide accurate speed, the toothed belt and drive, together with numerous guide rollers, assure the belt will not stretch or slip. No need to adjust or tension, ensuring accurate speed readouts with every workout.



## LOW FRICTION BALL BEARING TRANSPORTATION SYSTEM

Every treadmill features two bearing rails that allows the running surface to glide seamlessly along the frame, nearly eliminating friction and the resulting wear which leads to a longer life and significant electrical savings.



#### **PPS SERIES**

#### **PPS MED**

From rehabilitation to orthopedics to physical therapy, the Professional Power System (PPS) Med treadmill provides comfort and assistance to patients who require walking support. Accommodate any users pace with an absolute zero start speed with increments of 0.1 mph.



SPEED: 12.5 MPH INCLINE: 25%

#### **BARI-MILL**

Much like the PPS Med, the Bari-Mill delivers the same quality of care while offering fully adjustable handrail support. From Bariatrics to pediatrics, the Bari-Mill offers an infinite range of height & width capabilities for any user, freeing up ample space for therapists to assist in rehabilitation techniques. With an absolute zero start speed in increments of 0.1 mph and an 800 lb. user capacity, no patient is excluded from therapy due to equipment restrictions.





#### **LOKO STATION**



#### **UN-WEIGHTING SYSTEM**

Designed for rehabilitation and gait training, the LokoStation enables patients to focus on coordinating their movements during locomotion therapy. With both static and dynamic support, every patient receives an individualized experience based on their own stability and progress, allowing for quicker and safer therapy.

Support from the off-loading system allows weight to be quickly and conveniently redistributed so that patients never have to worry about falling. The LokoStation is fully equipped with adjustable side seats, allowing therapists unrestricted access to the patient.









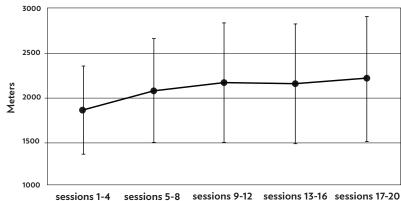
#### LOKOHELP

#### **GAIT THERAPY TRAINER**

The LokoHelp is an electromechanical gait trainer developed with both the patient and the therapist in mind. The LokoHelp guides the patient's legs during therapy, assuring symmetric and uniform movements. As a result, therapists will endure less strain compared to their usual labor-intensive tasks. This leads to longer and greater quality therapy sessions for patients.

A case study conducted at the Neurological Rehabilitation at Hegau-Jugendwerk found that the LokoHelp is a practical way for patients who have suffered greatly from stroke, spinal cord, or brain injuries to rehabilitate. This study consisted of 30 minute sessions in which each patient's distance walked with the LokoHelp was measured and recorded. Patients were able to increase the total distance walked over a 20 session period using the LokoHelp, as shown in the graph below.





Training distances during the study period. The covered distances of four sequential sessions were summed for each patient. The figure shows the averages of the six patients +/- standard deviation. (Brain Injury, June 2008; 22(6): 509–516)



#### **END EFFECTOR GAIT TRAINER**

The end-effector allows for uniform steps in a controlled postition, while still activating the patient's muscles. Proven to be a more favorable approach than other gait training techniques, the end-effector acheived higher rates of independent walking than exoskelaton orthosis. (J Rehabil Med 2012; 44: 193–199)



#### POSTURAL CONDITIONING

Maintaining postural control is vital for walking independently. The LokoStation and LokoHelp ensure the correct alignment of the spine during therapy, as the patient's trunk and pelvis are not fixed.



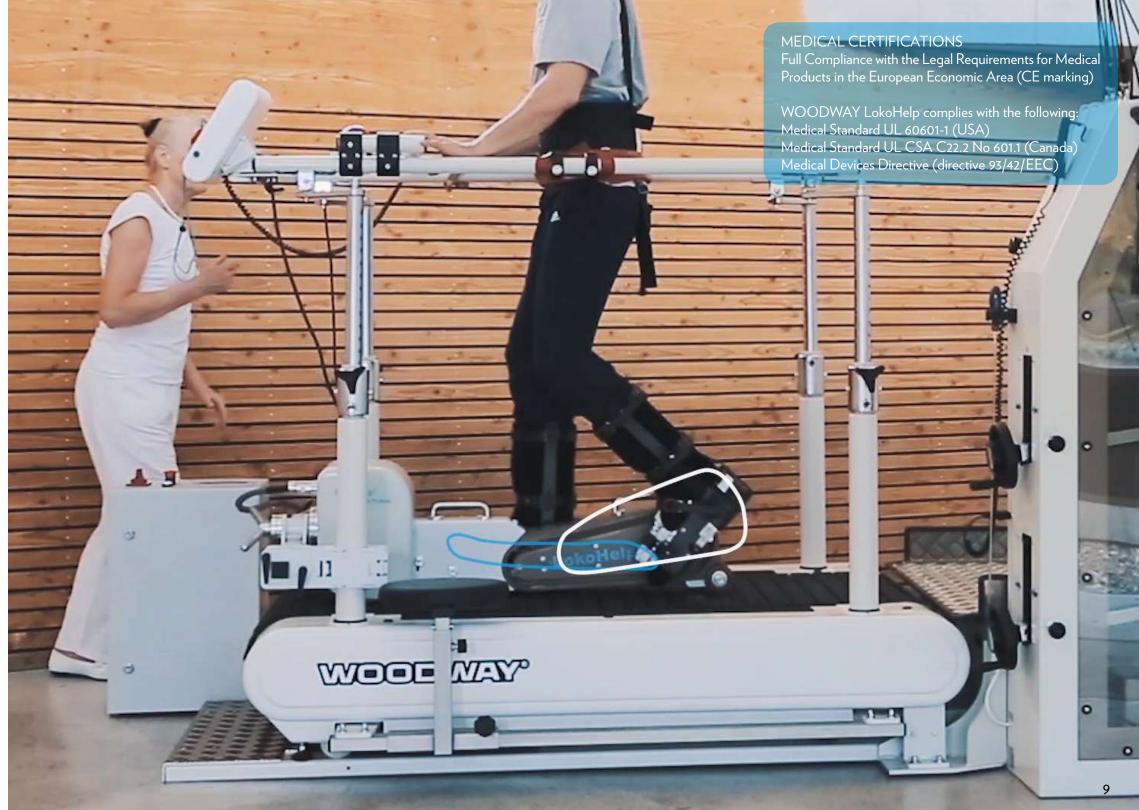
#### MULTI-FUNCTIONAL THERAPY SYSTEM

The progression of patient's movements and attitude requires more than just a single piece of equipment. With the LokoHelp's simple removal, therapists have a complete gait training system to keep their patient moving forward even when less physical assistance is needed.



#### **ACCESSIBLE SUPPORT**

By using the LokoHelp, therapists have the opportunity to reach their patient at all angles. Whether that means additional physical support, or increasing mentality through eye level communication, the LokoStation and LokoHelp ensure a greater experience.





The KineAssist-MX is a stand-alone, patient-driven platform that allows a person undergoing gait or balance rehabilitation to make critical locomotor mistakes, resulting in a deeper understanding of their movements, while staying within a completely safe and controlled learning environment. Cleared by the FDA, the KineAssist enables patients to perform a wide array of skill therapies that result in the improved performance of daily mobility activities.

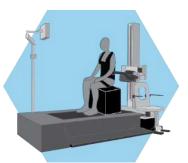
The KineAssist is a 100% user intent-driven "activity center", and, with the body-weight support mechanism, patients can practice a wide variety of exercises and skills that simulate real-world scenarios, such as over-ground walking, step climbing, sit-to-stand, and dynamic balance therapy. Because patients are supported at the hip, the KineAssist allows for a natural gait without any mechanical interference. During a detected loss of balance, the KineAssist catches the patient with rapid fall recovery. Patients can either stand themselves up, or the therapist can easily assist with the lift support mechanism. The harness and robotic arm ensure a safe environment, so that patients can be challenged without the fear of falling, thus encouraging patients to work harder and faster to improve their performance.

KineAssist software includes scientifically-tested challenge-based training protocols, developed to focus on:

- Aerobic endurance training
- Gait pattern training
- Strength training
- Speed of movement training
- Dynamic balance training
- Walking under challenging conditions training

With a wide range of existing practice settings and scientifically-tested challenge-based training protocols, the KineAssist makes a safe environment possible by providing physical therapists with the ultimate tool in helping their patients recover **quicker** and **safer** than ever before.

SIT-TO-STAND



STAIR CLIMBER



**UNSTABLE SURFACES** 



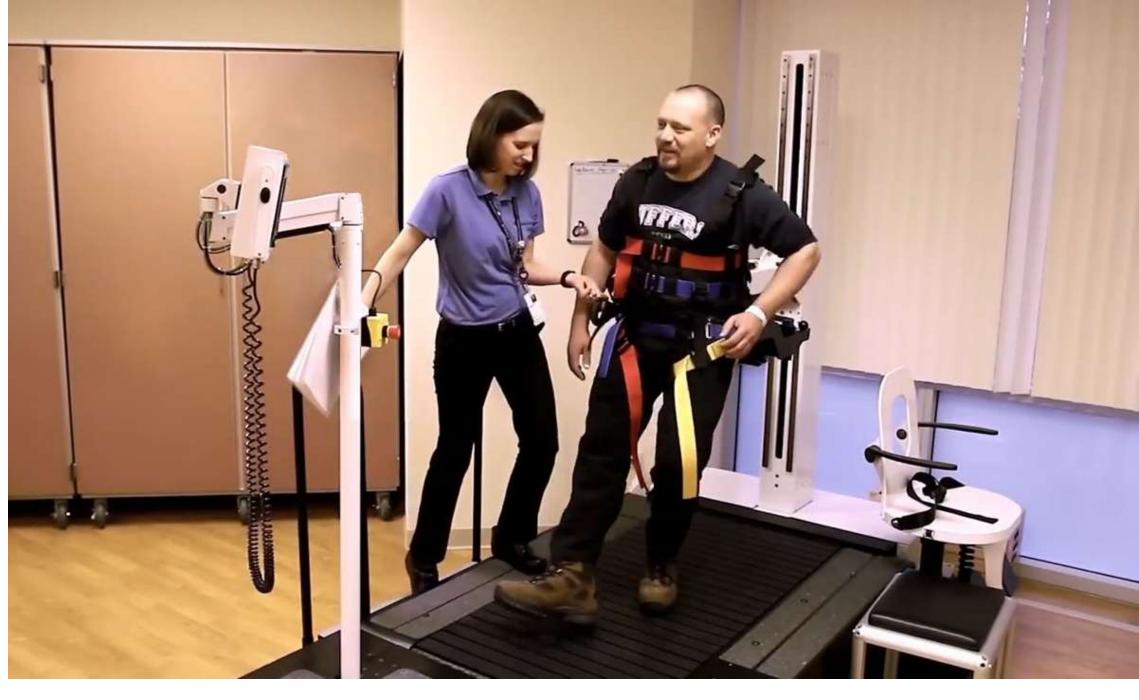
**OBJECT AVOIDANCE** 



**FALL RISK ELIMINATION** 



SPEED: 0 - 6.7 MPH (FORWARD & REVERSE)



"I feel like the KineAssist takes my patients to the next level. It helps them overcome that hump from compensating for their impairments and functional limitations to actually recovering from them."

Melissa Burns, PT, DPT, NCS, Marianjoy Rehabilitation Hospital

Full Compliance with the Legal Requirements for Medical Products in the European Economic Area (CE marking) KineAssist complies with the following:

- Medical Devices Directive (directive 93/42/EEC)
- Medical Standard UL 60601-1 (USA)
- Medical Standard UL CSA C22.2 No 601.1 (Canada)



EC

REP



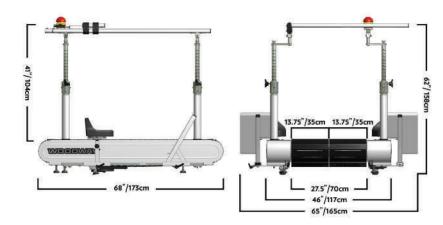


#### **SPLIT-BELT**



The Split-Belt is a locomotion therapy tool used mainly for gait rehabilitation. For patients that have suffered neurological damage, such as a stroke or traumatic brain injury, the struggle of relearning to walk possesses a great risk of falling. The Split-Belt allows a therapist to control the pace for each of the patient's legs individually allowing reaction adjustments therefore improving the user's coordination.

The Split-Belt features dual belts that provide variable speed control of both the right and left legs independently, accommodating patients with asymmetric walking patterns. The gas-assisted, fully adjustable handrail options provide more room for therapists and their patients.



SPEED: 12.5 MPH INCLINE: 25%



#### CONTINUUM



SPEED: 10 MPH INCLINE: 25%

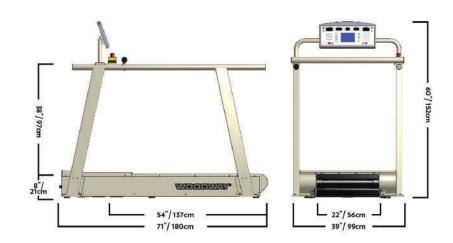
Experience a lower Rated Perceived Exertion (RPE), less impact and less muscle fatigue with the Continuum. With a low profile 8" step height and an absolute true zero start speed as well as incremental speed increases of 0.1 mph, your patients will appreciate the safety and usability that the most comfortable and accessible rehabilitation platform has to offer.

Fully equipped with durable medical grade parallel handrails and a convenient console pre-loaded with ACSM Tests, the Continuum provides you and your patients with the confidence needed for infinite therapy possibilities.

Full Compliance with the Legal Requirements for Medical Products in the European Economic Area (CE marking)

WOODWAY Continuum treadmills comply with the following:

- Medical Devices Directive (directive 93/42/EEC)"
- Medical Standard EN 60601-1, 3rd edition
- Medical Standard UL 60601-1 (USA)
- Medical Standard UL CSA C2.2 No 601.1 (Canada)

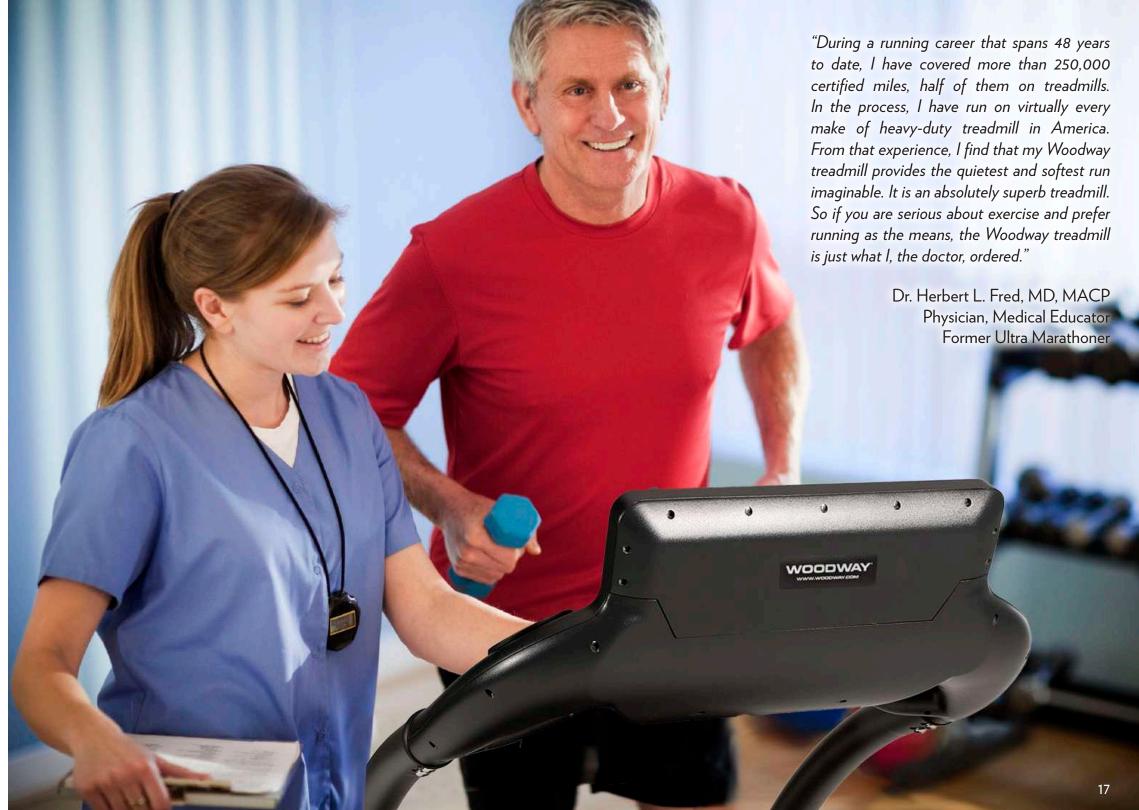




#### **4FRONT**



SPEED: 12.5 MPH INCLINE: 15%



#### **PRO**



#### PRO XL



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#### **ELG**





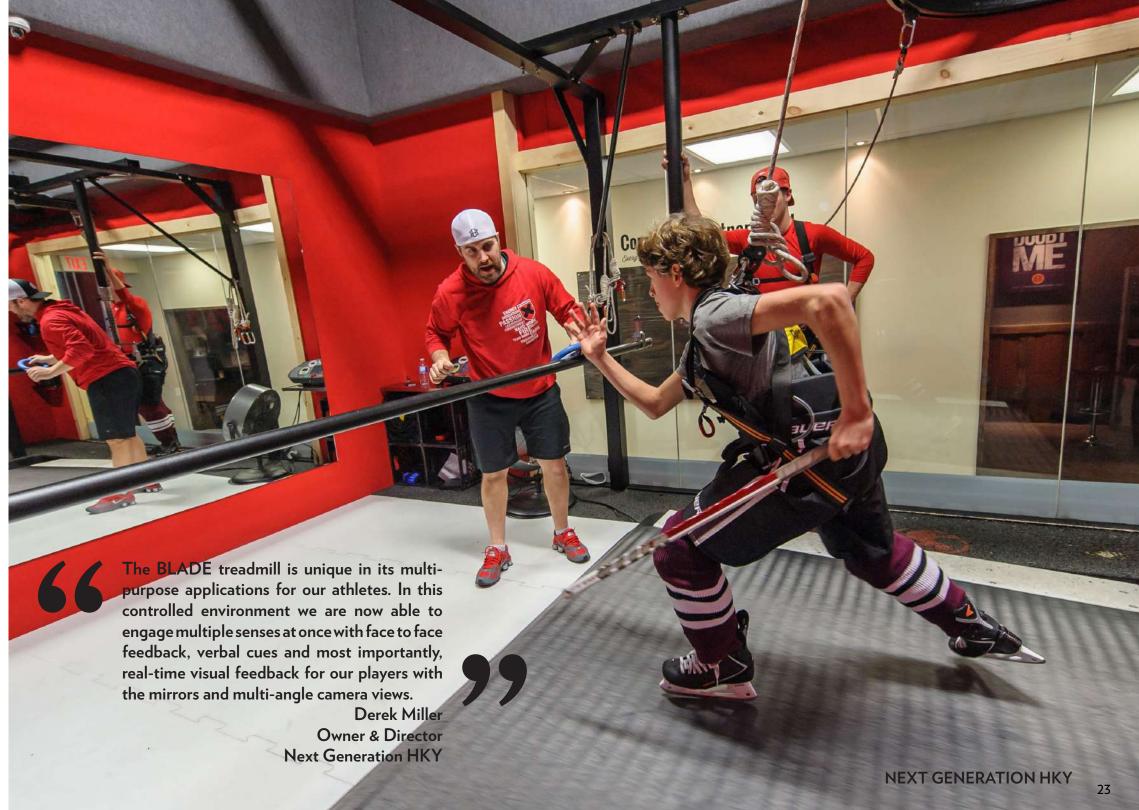
#### **BLADE**

The BLADE skating treadmill is ideal for skaters of all levels, from beginners just learning to skate, to professional athletes seeking to improve form, efficiency, and endurance. It is the ultimate tool for developing skating technique and improving overall skating abilities.

The key to the BLADE is providing a controlled atmosphere. With a 360-degree view, coaches and trainers can easily can see the skater from all angles to assess what areas need improvement. Having a surface area of over 50 square feet and trained in rotation onto the skating surface



SPEED: 16 MPH INCLINE: 35%





Walker View is the only treadmill with an embedded PC platform that monitors and records step length, step speed, step symmetry range of motion of hips, knees, ankles, and trunk. All of these functions create an unique system for a complete and usable Gait Analysis without any dressed device.

#### STANCE CONTROL

The TecnoBody treadmill is equipped with a sensitive load cell belt. This technology allows the assessment of stance during ambulation and, thanks to the powerful software interface, corrects dynamic parameters in real time. Once the test is finished, the system automatically prints the Gait Analysis report.

#### **POSTURAL CONTROL**

The 46 inch monitor positioned at the front of the Walker View system is none other than a digital mirror that can provide the client with powerful feedback on controlling their posture when in movement. Highly powerful mirrors that can digitalise the patient's image and rotate it on all planes for a complete three-dimensional vision.

#### **3D CAMERA**

WalkerView features a powerful 3D camera equipped with two optics: a bi-dimensional camera and an infrared camera that projects real-time reconstruction of every single movement of your patient without the need to apply any marker on the body. The therapist can view a patients posture with the ability of adjust ing the viewing point from a 360 degree perspective via the PC touch screen, no mirrors necessary.

SPEED: 12.5 MPH INCLINE: 15%





# TecnoBody

#### THE POSTURAL LINE

Technobody offers balance systems for vestibular and physical rehabiliation. The ProKin E is a dynamic and static balance board training and assessment system capable of single and double leg movements. Paired with the very simple and intuitive TecnoBody software it is easy for fitness and rehabilitation professionals to evaluate and assess each client with precise and detailed data to use to measure progress and create powerful and specific training plans and programs.

The ProKin 252 is both a static and dynamic balance system designed for the assessment and training from a single or double leg stance. Paired with the intuitive TecnoBody software, it is easy for fitness or rehabilitation professionals to assess and evaluate each client with precise and detailed data to use to measure progress and create powerful and specific training plans and programs.



### **ISO-FREE**

#### THE FUNCTIONAL LINE

ISO-FREE is the world's first functional training system for free exercises incorporating the ability to recognize movements and balance for controlled and effective training. Engineered for sports medicine, rehabilitation, and occupational therapy the ISO-FREE can accommodate users on a motion analysis and force platform to record, check and/or correct movements, balance, and posture.





CORTEX is a world market leader in mobile performance testing, represented in medical, sports, and fitness fields. With product lines METALYZER® and METAMAX® the company leads the mobile and portable cardiopulmonary diagnostics industry in high performance.





WWW.CORTEX-MEDICAL.DE

The Cardiopulmonary Exercise Testing systems from CORTEX are used worldwide: in basic research, routine diagnostic cardiology, high-performance sports, and fitness centers. The competence of CORTEX is appreciated by sport's physicians, cardiologists, pulmonologists, occupational and rehabilitation physicians, coaches and sports scientists around the world.

#### **METALYZER 3B R3**

The new METALYZER® 3B R3 is a highly resolving ergospirometry system with breath-by-breath technology. The product allows the differentiated performance testing of the lungs, heart, and metabolism at rest and under stress. It is possible to connect it to an ECG, and it has various hardware and software options, making the METALYZER® 3B R3 particularly variable. It ranges from a performance diagnostics station to a complete cardiopulmonary system.

#### METAMAX 3B R2 (Portable and wearable version)

Designed for outdoor performance diagnostics, the new METAMAX® 3B R2 allows for a maximum wireless range of more than 1,000 m, making spiroergometry extremely independent and flexible. Therefore, you can test your athletes and probands under realistic training and competitive conditions. This means you get much more significant test results compared to data collected under labor environments.

The METAMAX® 3B R2 can be used in nearly every kind of sport due to its low weight and safe and flexible back or breast wearing system. Its technique is designed for the use under extreme environment conditions: for instance the METAMAX® 3B R2 is frequently used on expeditions like the Xtreme Everest expedition in the Himalaya. It was also in outer space for research work with astronauts and in very humid regions like the equator, as well as or in dry and high temperature deserts around the globe.



#### WITHSTAND EVEN THE TOUGHEST CLIMATES

In 2007, the Caudwell Xtreme Everest expedition climbed Mount Everest. In the research project of the Centre for Altitude, Space and Extreme (CASE), a team of international doctors examined the effects of extreme conditions on human physiology. The team took about 90 tons of medical equipment to the top. This was the first time cardiopulmonary measurements were performed on a bicycle ergometer at 8000 m altitude.

#### **OPTOGAIT**

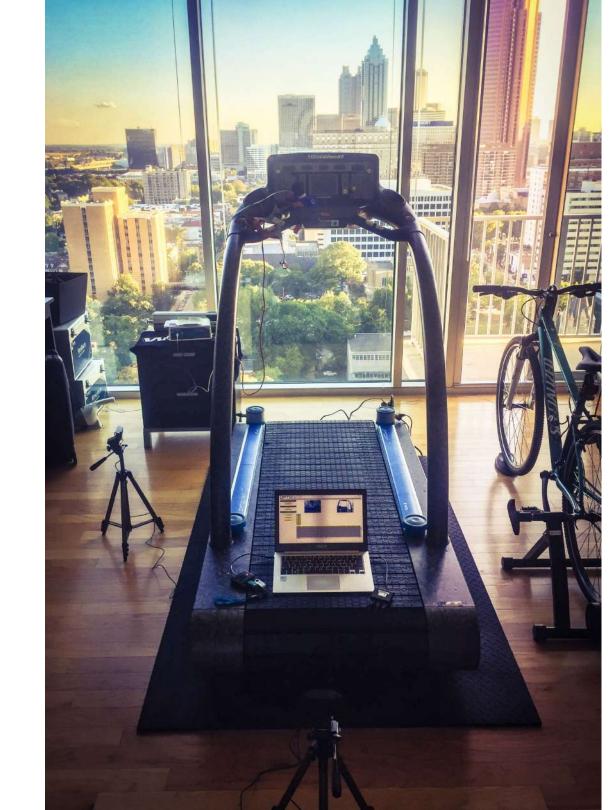
OptoGait is an innovative system for movement analysis and functional assessment of patients with normal or pathological conditions. OptoGait makes it possible to assess, identify, develop, prevent, report and compare pre-and post-injury assessments with a series of tests that can be viewed immediately for real-time gait analysis.

The OptoGait system is extremely versatile, portable and it can be used on a treadmill or over ground and sets up in minutes.

#### **OPTOGAIT ALLOWS USERS TO:**

- ASSESS objectively the patient's general physical conditions
- IDENTIFY deficiencies, postural problems and asymmetries on the basis of data and videos and determine how the patients' performance is being effected.
- DEVELOP & APPLY therapeutic-rehabilitation applications, rehab approaches and orthopedic solutions on the basis of precise data
- PREVENT thanks to immediate assessment of numerical values

   of relapses, complications and involutions of the pathological or
   post-accident condition due to wrong evaluations or diagnosis
- REPORT Periodically verify the results and the efficacy of treatment
- MOTIVATE patients giving them tangible proof of improvement
- COMPARE post- and pre-accident values if available
- VERIFY, in a dynamic situation, the efficacy of arch supports, insoles or functional tapes









## **vvattbike**

#### **ACCURATE DATA**

The Wattbike measures 50 different parameters for each pedal stroke (upwards and downwards) with advanced scientific accuracy to provide unrivaled workout data for hospitals, physiotherapists, sports teams, and private practices. The data collected can be displayed in real time or reviewed after the session. Data collection is as easy as one click to start recording.

#### **DUAL RESISTANCE**

A dual braking system allows for a wider range of power and finer adjustments of resistance to give each patient an individualized rehab session. The combination of the two resistances creates a realistic feel ride that no other indoor bike can provide, while ensuring a safe environment for the patient.

#### **WATTBIKEHUB APP**

Creating a seamless transition from workout to analysis, the WattbikeHub app makes tracking data simple. Patients will not have to worry about continuously rehabilitating in the same place; they can be anywhere while still sharing their data with therapists with real time biofeedback. Data is easily sent via email to share results and progress. The Wattbike Hub includes multiple bonus features that are available only on the app.



## The **Polar View**

The Wattbike Polar View is a unique analysis tool which can help you master the perfect pedalling technique.

Simply put, the Polar View is a graphical representation of your pedalling technique. It shows the balance between your left and right leg, the force you apply to the pedals and where exactly you apply this force within the pedal stroke.



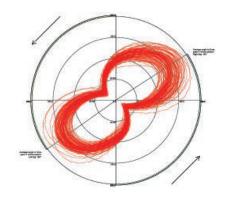
# Beginner

The cyclist is only using the muscles on the front of the thigh and is "stomping" on the pedals. This loses all momentum between the left and right leg and wastes energy.

#### TIP

Try adjusting your cadence (RPM). Aim to pedal between 85 and 100 RPM.

#### **Intermediate**

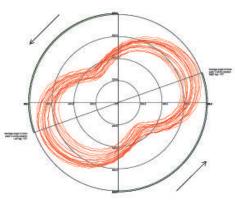


The cyclist retains some momentum and is starting to use the muscles on the back of the thigh and calf.

#### TIP

Imagine scraping mud off the sole of your show to engage the muscles on the back of the leg.

#### **Elite Cyclist**



The cyclist has an excellent technique with very little loss of momentum between left and right leg, a good even distribution of power throughout the pedal stroke and excellent balance between left and right leg.

## **FITBENCH**

#### **FORM**

Space saving and compact, it's the workout bench solution for your group training class, home gym or anywhere you find space for fitness. Constructed with cold rolled steel with a durable composite molded top, it's built with design, function and durability in mind.

#### **FUNCTION**

Eliminate clutter with multiple storage points for weights, kettlebells and slam balls. Easily move the bench, weights and equipment out of the way all at once with the built in handle and wheels.

#### **FITNESS**

Use the attachment points to anchor your battle ropes or fitness bands. It doubles as a plyobox for stepping up and jumping onto or off of. Engage your core throughout your workout with the flat, adjustable benchtop.

25

#### **NUTS & BOLTS**

- L 46.5" x W 17" x H 20"
- Constructed of Cold Rolled Steel
- Adjustable Heavy Duty Top
- 165 lbs. + 285 lbs. Weight Package
- Wheels & Handle for Movability
- Anchor Points for Bands & Ropes
- Storage for Slam Ball (25 lb.)
- Space for 2 Kettlebells (20 & 30 lbs.)
- Holds 6 Sets of Dumbbells (5, 10, 15, 20, 25, 30 lbs.)
- Doubles as a Plyobox
- Additional Storage for Personal Items

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### ABOUT WOODWAY

WOODWAY is a global organization built on the efforts and commitment of dedicated professionals.

Our purpose is to manufacture products and provide service that exceeds our customers' expectations through continuous improvements in quality and design.

Our focus is on building lasting customer relationships that will endure For The Long Run®.





#### THE WOODWAY NAME

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.

#### **OUT OF THIS WORLD**

WOODWAY was selected to produce the physical treadmill base used in the COLBERT (T2), which is a NASA project implemented to place a treadmill system on the International Space Station. WOODWAY's patented treadmill design meets the unique requirements of the space station as well as the health needs of the astronauts.









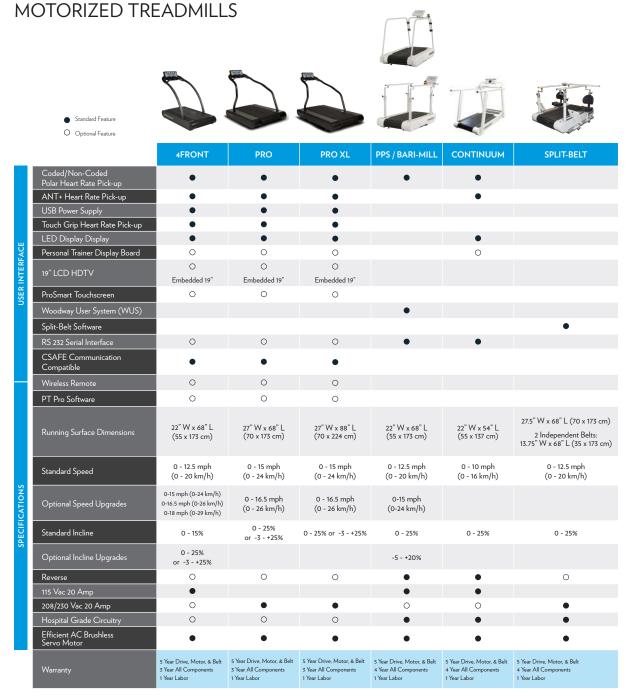
#### THE ORIGINAL NON-MOTORIZED TREADMILL

Since 2009, the CURVE treadmill has been a staple in performance facilities world-wide for training athletes of various skill levels. From walkers to elite athletes, the CURVE allows users to run at any pace while burning up to 30% more calories using zero electricity.

#### **HEALING ONE STEP AT A TIME**

WOODWAY's highly specialized line of medical treadmills have been the preferred choice of medical specialists for decades, specifically engineered for physical therapy, cardiology rehabilitation, bariatric, and any other rehabilitation application.

## TREADMILL SPECIFICATIONS



<sup>\*</sup> Speeds of 16.5, 18, and 25 mph require a dedicated 208/230 Vac 20 Amp electrical outlet.

#### **OFF-WEIGHTING SYSTEMS**



	KINEASSIST
Walking Surface	27" W x 68" L (70 x 173 cm)
User Weight Capacity	350 lb. (158.8 kg.)
Unit Weight	1,289 lb. (585 kg.)
Width	48" (122 cm) with lift chair 67" (170 cm)
Length	92" (234 cm)
Height	86" (218 cm)
Hip Range of Motion  • Vertical from Treadmill Surface  • Lateral	• 18.5" - 58.5" (47 - 148.6 cm) • +/- 4" (10.2 cm)
Pelvic Width	11.5" - 22.4" (29.2 - 56.9 cm)
Space Requirements	128" x 96" x 96" ( 325 x 244 x 244 cm)
Speed (Forward & Reverse)	0 - 6.7 mph
Power Supply	115 Vac 15 Amp or 230 Vac 15 Amp
Lift Chair	•
Warranty	2 Years



	LOKOSTATION
User Weight Capacity	350 lb. (160 kg)
Dynamic Weight Support	4.5 x 84 lb. (2 x 38 kg)
Unit Weight	990 lb. (450 kg) w/o treadmill
Width	59" (149 cm)
Length	139" (353 cm)
Height	109" (278 cm)
Minimum Ceiling Height	9.5 ft. (2.85 m)
Therapist Seating	•
3 Harness (Adult & Child sizes) Sizes specified upon order submission	•
Additional Harnesses	0
Wheelchair Ramp	Length: 70" (177 cm) Incline: 13° (approx. 23%) Platform: 20" (50 cm)
Long Wheelchair Ramp	0
Warranty	7 Year Wear 5 Year Drive, Motor, & Belt 4 Year All Components (Excludes Ropes) 1 Year Labor

#### **SPECIALTY TREADMILLS**



	ELG
Coded/Non-Coded Polar Heart Rate Pick-up	•
ANT+ Heart Rate Pick-up	
USB Power Supply	•
Touch Grip Heart Rate Pick-up	•
LED Group Training Display	0
Personal Trainer Display Board	•
19" LCD HDTV	O Add on Screen
ProSmart Touchscreen	
RS 232 Serial Interface	0
CSAFE Communication Compatible	•
Wireless Remote	0
PT Pro Software	0
Running Surface Dimensions	27" W x 96" L (70 x 244 cm)
Standard Speed	0 - 25 mph (0 - 40 km/h)
Optional Speed Upgrades	
Standard Incline	-5 - +35%
Optional Incline Upgrades	
Reverse	0
115 Vac 20 Amp	
208/230 Vac 20 Amp	
208/230 Vac 30 Amp	•
Hospital Grade Circuitry	
Efficient AC Brushless Servo Motor	•
Warranty	3 Year Drive & Motor 3 Year All Components 1 Year Labor



	BLADE
Personal Trainer Display	•
RS 232 Serial Interface	0
CSAFE Communication Compatible	•
Wireless Remote	0
PT Pro Software	0
Skating Surface Dimensions	94" W x 83" L (239 x 211 cm)
Width	115" (292 cm)
Length	96" (244 cm)
Handrail Height	38"-55" (97-140 cm)
Gantry Height	131" (333 cm)
Weight	3,000 lb. (1361 kg.)
Speed	0 - 16 mph (0 - 25.7 km/h)
Incline	-5 - +35%
Reverse	0 - 5 mph (0 - 8 km/h)
Power Supply	208/230 Vac 30 Amp Power Supply **Dedicated Circuit & NEMA L6-30R Outlet Receptacle Required
Warranty	3 Year Motor 3 Year Parts (Excludes Skating Surface) 1 Year Labor

