

*Reduced Impact with Increased Stepping Repetition*

## Woodway® Split-Belt Treadmill

The Woodway® Split-Belt Treadmill is a locomotion therapy tool for patients with asymmetric walking patterns. Two separate belts run alongside one another for each leg. These belts can move together or at independent speeds. Using variable speed control for both belts, the Woodway® can be customized to the needs of the patient while enabling the therapist to track and log the patient's progress.

### **How does the Woodway® Split-Belt Treadmill work?**

Research has shown that increasing the number of steps per day improves recovery. The Woodway® Split-Belt Treadmill is a safe and effective way to increase stepping repetition. The technology can be used independently or in conjunction with the ZeroG® Gait and Balance Training System and can be pre-programmed for specific therapeutic protocols. It also digitally displays time, speed, elevation, distance, pace, and caloric expenditure.

The treadmill's surface absorbs more impact than traditional treadmills, preventing further deterioration of bones, tendons, ligaments, and muscles of the lower extremities, pelvis, and lower back.

### **Who can benefit from the use of a Woodway® Split-Belt Treadmill?**

Patients who can benefit from advanced gait and balance training include those with neurological conditions such as stroke, brain injury, multiple sclerosis, Parkinson's disease, spinal cord injury, Guillain-Barré, and various other diagnoses that result in visual and/or cognitive impairments.

With adjustable handrails for both width and height the Woodway® Split-Belt Treadmill is beneficial for adult and pediatric use.



MARIANJOY

Assistive  
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The **Marianjoy Assistive Rehabilitation Technology Institute** offers solutions to everyday problems of daily living encountered by individuals with disabilities. The Institute consists of seven distinct centers, which apply advancements in technology to benefit individuals with disabilities through maximizing functional independence, as well as expanding educational, vocational, recreational, and communicative opportunities.

- **Assistive Communication and Daily Living Center**
- **Balance and Vestibular Center**
- **Driver Rehabilitation Center**
- **Gait Analysis and Mobility Center**
- **Prosthetic and Orthotic Center**
- **Swallowing and Voice Center**
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To make an appointment  
or for more information,

**630-909-7150**  
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