

MONARK

Powered by **SPRINTEX**



MONARK TM

For motion analysis and orthopedic training

The Monark TM treadmill can accommodate a wide range of patient types. Zero start speed with increments of 0.1 mph, combined with a no-friction low impact slat belt deck, provides the perfect walking environment for your rehabilitation patients.

KEY FEATURES

- **Reverse speed mode optional, speed depends on handrail option**
- **Different handrail options:** Accommodates a broad range of patients (adjustable, shoulder support for children or adults)
- **Optional biofeedback functions:** Real-time analytics through sensors
- **Optional external control:** USB/Trackmaster
- **Running surface width options:** 50, 60 and 70 cm

Medical Treadmill

Slat-Belt System



Technical Data

MONARK TM

Running surface	Low-impact, shock-absorbing slat-belts
Running surface dimensions	155 x 50, 60 and 70cm
Maximum user weight	< 250 KG, optional up to 318 kg
Maximum speed	22 km/h in 0.1 increments
Incline range	0-20% (option 0-25% or minus 3 - 22%)
Dimensions (LXWXH)	172 x 86 x 140 (without add-ons)
Weight	160 KG (without add-ons)
Noise level	<75db
Power	1.3 kW 230 V AC, 50/60 Hz, 6.3 A

Optional biofeedback features

Optional biofeedback functions available through sensors.

When equipped, the Monark TM can measure parameters such as:

- Step length (left/right)
- Steps/min
- Step cycle time
- Stride length
- Symmetry



Data recording is available for gait & motion analysis, providing comprehensive insights into your training performance.

ADDITIONAL FEATURES

Reverse speed

Reverse speeds up to (10 km/h)

Incline options

0-20% and optional 0-25%, minus 3-22%

Increased weight capacity

From 250 to 318kg user weight

Handrail Control

Two variants, fixed or portable

Running surface width options

50 cm / 60 cm / 70 cm

Handrails for all needs

Contact us or your closest Monark distributor for more information

Additional emergency Button

Edition 4. 2025_09

MONARK SLAT-BELT TREADMILLS

Elevating Gait Experience with SPRINTEX Technology

At Monark Sports and Medical, we continuously strive for innovation and excellence in the realms of sports science, health, and rehabilitation. Our new slat-belt treadmills, with SPRINTEX technology, exemplify our dedication to providing cutting-edge solutions for both rehabilitation and training purposes.

SLAT-BELT TECHNOLOGY: REDEFINING GAIT EXPERIENCE

The slat-belt running surface technology on Monark TM and TS treadmills offers an unparalleled gait experience for individuals undergoing rehabilitation and those engaged in rigorous training. This technology also provides exceptional precision for gait analysis, making it the preferred choice of many health and fitness professionals.

INNOVATION OF SPRINTEX SLAT-BELT TECHNOLOGY

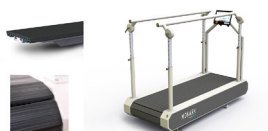
Monark treadmills are built upon the foundation of a unique slat-belt running surface, the s²ap®. The advantages of slat belts over traditional conveyor-type treadmill belts are evident in their ability to absorb impact during foot strikes, delivering a significantly more comfortable and natural gait training experience.

Key features of sprintex slat-belt technology:

- **Maintenance** - Slat-belt treadmill that we supply is designed to be virtually maintenance-free
- **Frictionless Movement** - Our slat-belts rest on 114 ball bearings, ensuring a fully frictionless movement of the running surface. This not only enhances comfort during use but also contributes to the durability of the treadmill, reducing maintenance time.
- **Energy Efficiency** - The elimination of friction between the running surface and the frame results in significantly lower energy consumption. Monark slat-belt treadmills prioritize sustainability while providing an exceptional workout experience.
- **Natural Gait Experience** - Specifically designed to emulate the most natural gait experience, our slat-belt treadmills surpass traditional conveyor-type models by absorbing up to 90% of the impact during walking or running. This feature makes them the ideal choice for both rehabilitation and sports training.

Monark slat-belt treadmills: a choice for professionals

Health and fitness professionals recognize the value of slat-belt running surface technology for its ability to offer a comfortable, natural gait experience and precise gait analysis. Monark's commitment to excellence is evident in our integration of SPRINTEX slat-belt technology, ensuring that users of our TM and TS treadmills are not merely on a treadmill – they're on the path to superior training and analysis. Join us in embracing this innovative stride towards excellence.



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Monark Exercise AB

Monark has over 100 years of experience in bicycle production. This long tradition has resulted in deep know-how, hands-on expertise, and a genuine understanding of product quality and performance. Since the early 1900s, Monark cycles have represented precision, reliability, durability, and quality.

Today, we are a trusted global provider of high-precision cycle ergometers for research, sports science, clinical use and performance testing.

We develop, manufacture, and market ergometers and exercise bikes. Our largest customer groups are within health care, sports medicine, and exercise physiology.

For more information: www.monarkexercise.se / www.monarksportsmed.com



PRODUCTS FOR LIFE AND PERFORMANCE



MONARK EXERCISE

Version: 2025

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