

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.

Characteristics

- 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)
- Biofeedback Functions: Real-time analytics through integrated sensors.
- Remote Control Options: Enhanced operational flexibility.
- Running surface width options: 50, 60 and 70 cm)

Technical Data MONARK™

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 cm (without add-ons)
Weight	160 KG (without add-ons)
Noise level	<75 db (A)
Power	1.3 kW 230 V AC, 50/60 Hz, 6.3 A

Biofeedback features

Benefit from real-time biofeedback functions through integrated sensors.

The Monark™ 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.

Specifications are subject to change without notice.

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 1. 2024-01

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.

