

COSMED Treadmills

***“Train harder,
longer, smarter...”***



Sport and medical treadmills
High quality running machines for
high performance and clinical applications



COSMED
The Metabolic Company



Unlimited configurations from entry to advance levels



Maximum test quality supported by stable platform and slip-free belt



Fully interfaceable to PC, ECG, ergospirometry or printer



Minimum maintenance



Wide range of options and accessories



Medical certification for clinical applications

COSMED treadmills are designed to provide exceptional performance, accuracy, and dynamic capabilities during acceleration and deceleration.

Achieved through our unique design and heavy-duty construction, ensuring a stable platform and a slip-free belt for natural walking and running.

Highly accurate time measurement and a powerful drive motor, enabling users to effectively evaluate the impact of changing training plans, fitness levels, and motion and running styles.

Renowned for their reliability, durability, and long-term value with spare parts are available for decades.

20 years warranty period for treadmill drive motor and treadmill frame breakage.

MCU6 CONSOLE

The **MCU6 console** serves as the robust core of the latest generation of COSMED treadmills.

Emphasizing user-friendliness, safety, and stability, the MCU6 introduces groundbreaking features such as perturbation and dual tasking.

The 10.1-inch touchscreen offers a comprehensive view without obstructing operators' field of vision.

The integrated hardware keyboard ensures precise control, even in the presence of medical gloves or perspiration.

All treadmills can be directly controlled through **OMNIA Software** (included with COSMED metabolic and ECG systems), facilitating fully integrated CPET Tests.



VERSIONS

COSMED treadmills are engineered for seamless integration with our Cardiac and Pulmonary stress testing systems, offering versatility and functionality across a range of applications:

SPORT AND FITNESS

High-quality, safe, and precise treadmills designed for Human Performance Centers, professional sports teams, and Olympic committees.

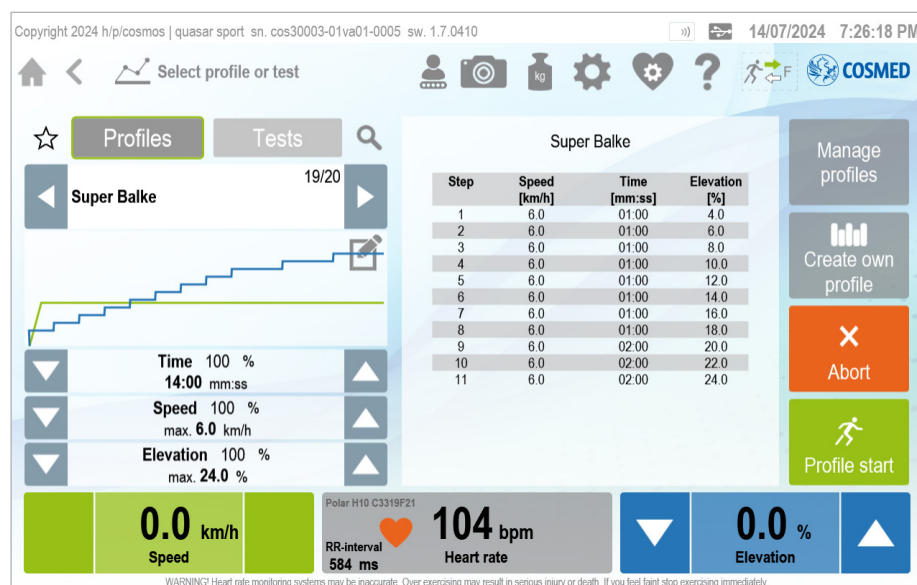
MEDICAL AND REHABILITATION

MDR-certified treadmills specifically designed for medical and healthcare environments, ideal for use in cardiology, neurology, cardiac rehabilitation, and physiotherapy.

CONNECTIVITY

COSMED treadmills can be integrated with host ECG, VO2max, CPET, Motion Capture Systems, Video, EMG, IMUs, Ergometry, and Fitness Software to conduct comprehensive assessments.

- Compatibility with up to four communication ports
- Optional RS232/analog and USB/RS232 ports
- Direct connection to a printer for the creation of test session reports
- Bluetooth® connections for direct communication with smart devices
- Connections to virtual realities and training applications



MCU6 console screen

T150 E

Sport & Medical



Running surface (LxW)	150x50 cm
Speed (km/h)	0.0-22
Elevation range	0-25%
Max. permissible load	250 kg
Console	--

T150 DE

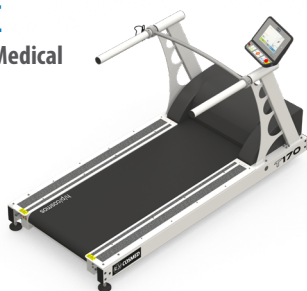
Sport & Medical



Running surface (LxW)	150x50 cm
Speed (km/h)	0.0-22
Elevation range	0-25%
Max. permissible load	250 kg
Console	MCU6

T170 DE

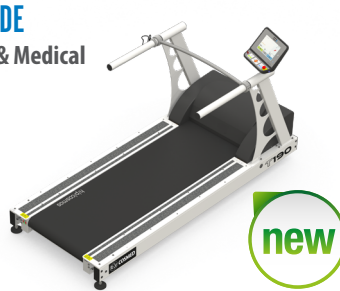
Sport & Medical



Running surface (LxW)	170x65 cm
Speed (km/h)	0.0-25
Elevation range	0-28%
Max. permissible load	300 kg
Console	MCU6

T190 DE

Sport & Medical



Running surface (LxW)	190x65 cm
Speed (km/h)	0.0-25
Elevation range	0-25%
Max. permissible load	300 kg
Console	MCU6

T200 S

Medical



Running surface (LxW)	200x75 cm
Speed (km/h)	0.0-40
Elevation range	±35%
Max. permissible load	300 kg
Console	MCU5

T200 M

Medical



Running surface (LxW)	200x100 cm
Speed (km/h)	0.0-40
Elevation range	±35%
Max. permissible load	300 kg
Console	MCU5

T250 MR

Medical



Running surface (LxW)	250x100 cm
Speed (km/h)	0.0-40
Elevation range	±27%
Max. permissible load	300 kg
Console	MCU5

Unweighting System (Airwalk® ap) for rehabilitation and for physiotherapy applications.

ACCESSORIES

The numerous additional options allow customers to adapt COSMED treadmills exactly to their needs and field of application.

SAFETY ARCH

An indispensable accessory for stress testing and accident prevention instilling confidence in tested subjects/patients but also trainers, doctors and therapists.

A harness and chest belt securely prevent falling in case of tripping and by loss of coordination in the exhaustion without restricting the user's movement during the test. An emergency stop mechanism automatically halts the running belt immediately after detecting a fall.

AIRWALK® AP UNWEIGHTING SYSTEM

Ideal solution for gait analysis and rehab therapy with clinical patients.

The system (dynamic and continuously adjustable, approximately 0.5 to 80 kg) provides body weight relief and an optional emergency stop feature.

REVERSE BELT ROTATION

By simply turning a key switch, the running belt can be rotated in the opposite direction. This reverse belt rotation function enables patients to practice their downhill walking in a convenient and supervised environment.

HANDRAILS

The operator has the flexibility to customize handrail designs based on their specific needs or upgrade to different versions and features. Additionally, adjustable handrails (width and height) and arm support for gait training are available.

POWERFUL MOTOR

The high power capacities of 3-phase power drive systems allow extreme accelerations and to reach the maximum speed of 40 (or optional 45) km/h within 3 seconds. Diagnostics for heavier athletes and many special applications, such as sprint and acceleration trainings are therefore possible.

PARA CONTROL

The integrated system enables remote control of the treadmills. The parameters and the keyboard of the treadmill are displayed on the PC or laptops and keys can be simulated for remote control.

PARA GRAPHICS

This software facilitates the creation of customized graded test protocols with advanced capabilities.

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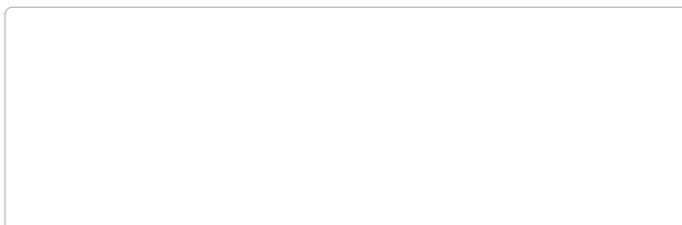


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To know more



Some COSMED Treadmills models are medical devices.

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