



SpeedUp — Code: SPEEDUP

Technical Specifications

SPEEDUP SCX is a professional treadmill dedicated to run analysis, gait analysis, sports rehabilitation and performance building. It is equipped with a control PC with touchscreen and 32" LCD monitor, a load sensing surface (force sensor matrix) and a 3D camera for motion capture.

GENERAL FEATURES

- 32" Full-HD touchscreen control screen
- Gait Analysis and Run Analysis through 3D Camera and Force platform
- 3D Camera integrated for motion capture
- Speed Control system (SCX) for automatic speed adaptation
- TecnoBody Key for connection to the TecnoBody management system

ELECTRICAL PARAMETERS

- Voltage supply: 230 VAC, 50 Hz dedicated line
- Current consumption: 15.5 A - need 16 A dedicated line
- Power: 3.3 kW

FUNCTIONAL SPECIFICATIONS

- Running surface: 167x55 cm (LxD)
- Dimensions: 225cm x 95cm x 200-260cm (LxDxH)
- Access height: 21 cm
- Speed: 0-20 km/h (0-15 km/h for medical use)
Incremental step 0,2 km/h (0.1 km/h for medical use)
- Slope: 0-20%
- POLAR Heart Rate monitoring
- Computer Interface completely programmable for speed, elevation and Heart Rate.
- Gait Analysis to record step length, step speed, step symmetry and range of motion of trunk.
- Weight: 360kg
- Motor System: 2.2kW
- Load range: 0-150 Kg. precision: 0.5 kg

CONFORMITY

- Directive 93/42/EEC – Class IIA - Type B
- Normative EN 60601-1 III° edition
- Basic UDI-DI: 08055715880128
- GMDN: 47516

WARRANTY

- 24 months

COMPUTER SPECIFICATIONS

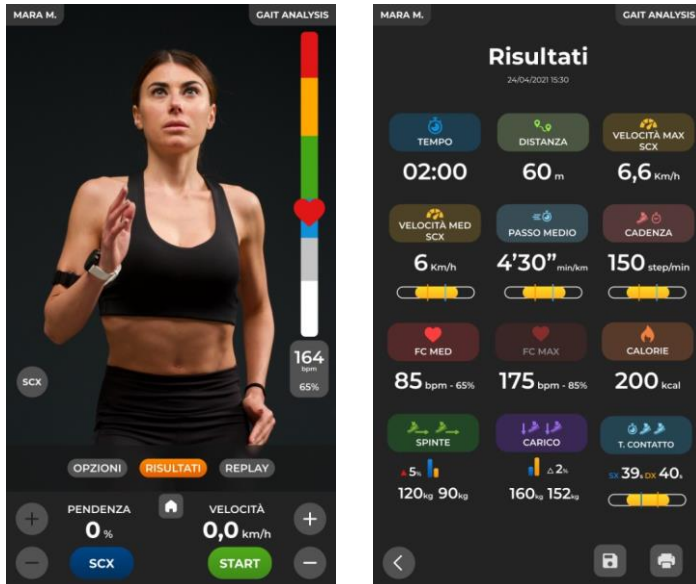
- 32" touchscreen control monitor
- PC Control Unit:
 - Processor: i5 2.5 GHz
 - HD: 500GB; RAM: 8 GB
 - Wireless keyboard + mouse
 - O.S. Windows 10 LTSC

SOFTWARE FEATURES

SpeedUp SCX is the first professional selfadaptive treadmill. The system recognizes the push (optional) to the ground of the feet and adapts the speed to that of the athlete, returning an accurate analysis of the walk and run. The parameters detected are stride length and speed, load symmetry, COG oscillation, trunk and hip range of motion and many others.

- Test for Gait Analysis, Postural Control and Aerobic Endurance.
- Training modules for a walking/running with posture control
- Virtual Reality Games for functional and interactive walking and running
- Full Integration with TecnoBody Management system (TBMX) and related master data

Gait Analysis module with Postural Control.



Integration with TecnoBody Management System



Walking and functional running games in virtual and augmented reality environments

