

STN	Stacionárne tréningové zariadenia. Časť 6: Bežecské pásy, ďalšie špecifické bezpečnostné požiadavky a skúšobné metódy.	STN EN 957-6+A1 94 0201
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Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/14

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EN 957-6:2010+A1

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English Version

**Stationary training equipment - Part 6: Treadmills, additional
specific safety requirements and test methods**

Appareils d'entraînement fixes - Partie 6 : Tapis de course,
méthodes d'essai et exigences de sécurité spécifiques
supplémentaires

Stationäre Trainingsgeräte - Teil 6: Laufbänder, zusätzliche
besondere sicherheitstechnische Anforderungen und
Prüfverfahren

This European Standard was approved by CEN on 30 October 2010 and includes Amendment 1 approved by CEN on 3 February 2014.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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Foreword

This document (EN 957-6:2010+A1:2014) has been prepared by Technical Committee CEN/TC 136 “Sports, playground and other recreational facilities and equipment”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2014, and conflicting national standards shall be withdrawn at the latest by October 2014.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document includes Amendment 1 approved by CEN on 3 February 2014.

This document supersedes A1 EN 957-6:2010 A1.

The start and finish of the text introduced or altered by amendment is indicated in the text by tags A1 A1.

A1 This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive 2001/95/EC and EU Directive 2006/42/EC.

For relationship with EU Directives 2006/42/EC, see informative Annex ZA which is an integral part of this document. A1

This standard EN 957, *Stationary training equipment*, consists of the following parts:

- *Part 1: General safety requirements and test methods;*
- *Part 2: Strength training equipment, additional specific safety requirements and test methods;*
- *Part 4: Strength training benches, additional specific safety requirements and test methods;*
- *Part 5: Stationary exercise bicycles and upper body crank training equipment, additional specific safety requirements and test methods;*
- *Part 6: Treadmills, additional specific safety requirements and test methods;*
- *Part 7: Rowing machines, additional specific safety requirements and test methods;*
- *Part 8: Steppers, stairclimbers and climbers — Additional specific safety requirements and test methods;*
- *Part 9: Elliptical trainers, additional specific safety requirements and test methods;*
- *Part 10: Exercise bicycles with a fixed wheel or without freewheel, additional specific safety requirements and test methods.*


In relation to EN 957-6:2001, the following main amendments have been made:

- a) specifications and definitions amended;
- b) requirements and test methods for the transmission elements and rotating parts amended;
- c) requirements and test methods for safety stop amended;
- d) requirements for the static loading, especially for class S amended;

- e) requirement for the endurance testing of class I added;
- f) requirements and test methods for treadmills with front handlebar and side handrails amended;
- g) requirements for the footrail amended;
- h) requirements for the permanent marking of the running surface added;
- i) requirements and test methods for the acceleration of power driven treadmills added;
- j) requirements and test methods for folding treadmills added;
- k) requirements for the heart rate control mode added;
- l) requirements for the marking of the maximum lateral position added;
- m) requirements for the test report added;
- n) additional instructions for use extended.


According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Former Yugoslav Republic of Macedonia, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

 This European Standard amends and supplements EN 957-1. The requirements of this specific standard take precedence over those in EN 957-1.

This document is a type C standard as stated in EN ISO 12100.

The machinery concerned and the extent to which hazards, hazardous situations and hazardous events are covered are indicated in the scope of this document.

When provisions of this type C standard are different from those which are stated in type A or B standards, the provisions of this type C standard take precedence over the provisions of the other standards, for machines that have been designed and built according to the provisions of this type C standard. 

1 Scope

A1 This European Standard specifies safety requirements and test methods for treadmills in addition to the general safety requirements and test methods of EN 957-1. It is intended that EN 957-6 is applied together with EN 957-1.

This part of EN 957 deals with significant hazards, hazardous situations and events relevant to stationary training equipment used as intended and under the conditions of misuse foreseeable by the manufacturer (see Clause 4).

EN 957-6 is applicable to power-driven as well as to non-power/manually driven training equipment type treadmills (hereafter referred to as treadmills) with the classes S, H and I and classes A, B and C regarding accuracy.

This document is not applicable to treadmills which are manufactured before the date of its publication as a European Standard. **A1**

2 Normative references

A1 The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. **A1**

EN 957-1:2005, *Stationary training equipment — Part 1: General safety requirements and test methods*

EN 60335-1, *Household and similar electrical appliances — Safety — Part 1: General requirements (IEC 60335-1:2001, modified)*

EN 60601-1, *Medical electrical equipment — Part 1: General requirements for basic safety and essential performance (IEC 60601-1:2005)*

A1 EN ISO 11201, *Acoustics — Noise emitted by machinery and equipment — Determination of emission sound pressure levels at a work station and at other specified positions in an essentially free field over a reflecting plane with negligible environmental corrections (ISO 11201)*

EN ISO 11202, *Acoustics — Noise emitted by machinery and equipment — Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections (ISO 11202)*

EN ISO 12100, *Safety of machinery — General principles for design — Risk assessment and risk reduction (ISO 12100)* **A1**

EN ISO 12947-1:1998, *Textiles — Determination of the abrasion resistance of fabrics by the Martindale method - Part 1: Martindale abrasion testing apparatus (ISO 12947-1:1998)*

ISO 5904, *Gymnastic equipment — Landing mats and surfaces for floor exercises — Determination of resistance to slipping*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN