



SLOVENSKI STANDARD
SIST EN 13219:2009

01-januar-2009

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SIST EN 13219:2002

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Gymnastic equipment - Trampolines - Functional and safety requirements, test methods

Turngeräte - Trampoline - Funktionelle und sicherheitstechnische Anforderungen,
Prüfverfahren

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Matériel de gymnastique - Trampolines - Exigences fonctionnelles et de sécurité,
méthodes d'essai

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Ta slovenski standard je istoveten z: EN 13219:2008

ICS:

97.220.30 Oprema za dvoranske športe Indoor sports equipment

SIST EN 13219:2009

en,fr,de

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EUROPEAN STANDARD

EN 13219

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2008

ICS 97.220.30

Supersedes EN 13219:2001

English Version

Gymnastic equipment - Trampolines - Functional and safety requirements, test methods

Matériel de gymnastique - Trampolines - Exigences fonctionnelles et de sécurité, méthodes d'essai

Turngeräte - Trampoline - Funktionelle und sicherheitstechnische Anforderungen, Prüfverfahren

This European Standard was approved by CEN on 27 September 2008.

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 Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Contents

	Page
Foreword.....	3
1 Scope	4
2 Normative references	4
3 Functional requirements	4
3.1 Classification.....	4
3.2 Dimensions.....	8
3.3 Material	11
4 Safety requirements	11
4.1 General.....	11
4.2 Entrapment	12
4.3 Stability and antislip.....	12
4.4 Strength (Structural integrity)	12
4.5 Bed	12
4.6 Free space under the bed	12
4.7 Elastic properties.....	13
4.8 Frame and suspension padding.....	13
4.9 Storage and transport device.....	13
5 Test methods.....	14
5.1 General.....	14
5.2 Testing of stability and antislip.....	14
5.2.1 Principle.....	14
5.2.2 Apparatus	14
5.2.3 Procedure	14
5.2.4 Expression of results	14
5.3 Testing of strength and elastic properties	14
5.3.1 Principle.....	14
5.3.2 Apparatus	15
5.3.3 Procedure	15
5.3.4 Expression of results	15
5.4 Testing of padding.....	15
5.4.1 Shock absorption test.....	15
5.4.2 Rigidity test	16
6 Instructions for use	16
7 Marking	17

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SIST EN 13219:2009

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Foreword

This document (EN 13219:2008) 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 May 2009, and conflicting national standards shall be withdrawn at the latest by May 2009.

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 supersedes EN 13219:2001.

This European Standard is one of several standards, each of which deals with a particular type or a particular group of gymnastic equipment.

This European Standard is intended to be read in conjunction with EN 913. The equipment should only be used under the supervision of a competent person.

The principal changes from the previous edition of EN 13219 are as follows:

- a) the dimensions and tables have been adapted;
- b) safety requirements and test methods have been completed;
- c) instructions for use and marking have been modified;
- d) clause on warning label has been deleted;
- e) Figures have been changed.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

EN 13219:2008 (E)**1 Scope**

This European Standard specifies functional requirements for five types of trampolines (see Clause 3) and specific safety requirements (see Clause 4) in addition to the general safety requirements of EN 913.

This European Standard is applicable to five types of trampolines intended for use under qualified supervision of a competent person as identified in Table 1.

It does not apply to tumble tracks (fast tracks), trampolines and mini-trampolines intended for home use, safety harnesses or other accessories.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 913:2008, *Gymnastic equipment — General safety requirements and test methods*

EN 10049, *Measurement of roughness average Ra and peak count R_{Pc} on metallic flat products*

3 Functional requirements

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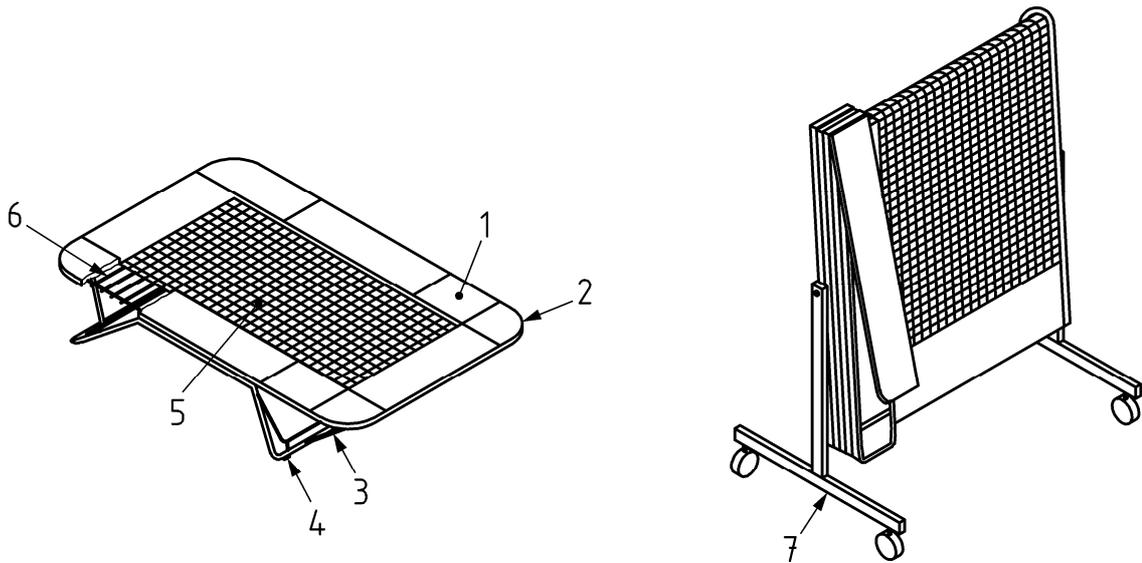
3.1 Classification

Trampolines, mini-trampolines and double mini trampolines shall be classified by the design (types and sizes) as shown in Table 1.

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Table 1 — Types of trampolines

Type	Size	Description	Example	Table of sizes
1	1, 2 and 3	Trampoline	Figure 1	Table 2
2	1 and 2	Closed ended mini-trampoline	Figure 2	Table 3
3		Open ended mini-trampoline	Figure 3	Table 4
4		Double mini-trampoline	Figure 4	Table 5
5	1,2 and 3	Pit trampoline	Figure 5	Table 6

**Key**

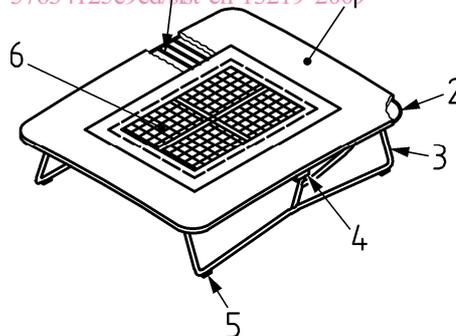
- 1 Frame and suspension padding
- 2 Suspension frame
- 3 Leg
- 4 Anti-slip device
- 5 Bed
- 6 Suspension system
- 7 Transport storage device

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Figure 1 — Example of a trampoline (Type 1)

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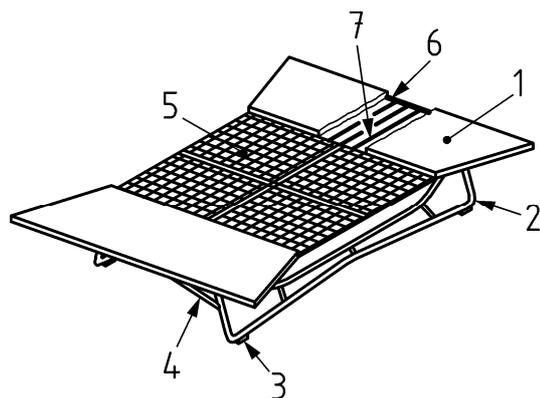
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**Key**

- 1 Frame and suspension padding
- 2 Suspension frame
- 3 Leg
- 4 Height adjustment device
- 5 Anti-slip device
- 6 Bed
- 7 Suspension system

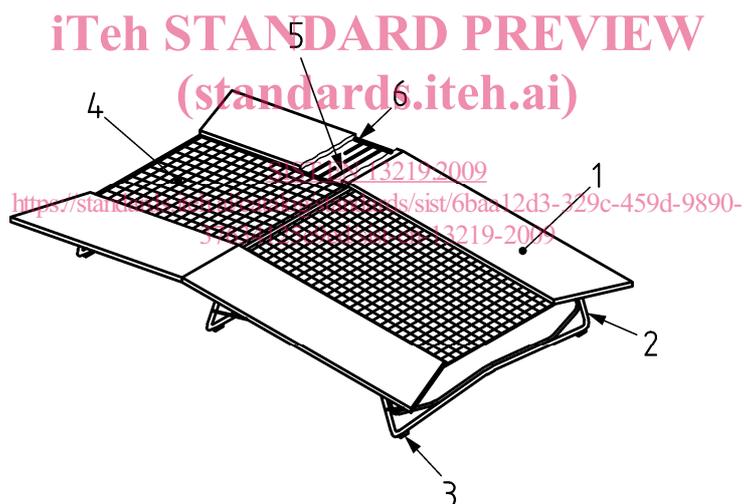
Figure 2 — Example of a closed ended mini-trampoline (Type 2)

EN 13219:2008 (E)

**Key**

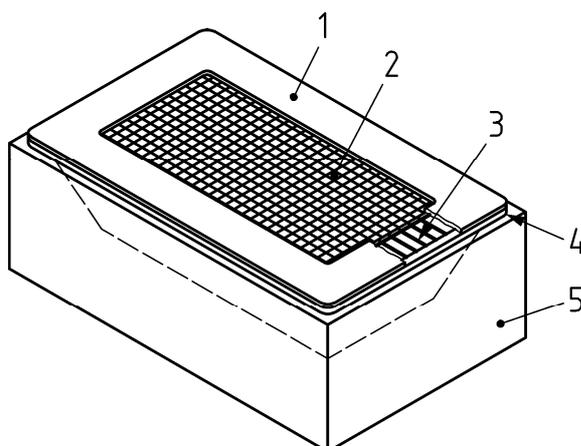
- 1 Frame and suspension padding
- 2 Leg
- 3 Anti-slip device
- 4 Height adjustment device
- 5 Bed
- 6 Suspension frame
- 7 Suspension system

Figure 3 — Example of an open ended mini-trampoline (Type 3)

**Key**

- 1 Frame and suspension padding
- 2 Leg
- 3 Anti-slip device
- 4 Bed
- 5 Suspension system
- 6 Suspension frame

Figure 4 — Example of a double mini-trampoline (Type 4)

**Key**

- 1 Frame and suspension padding
- 2 Suspension frame
- 3 Bed
- 4 Suspension system
- 5 Pit

Figure 5 — Example of a pit trampoline (Type 5)
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