



SLOVENSKI STANDARD SIST EN ISO 20957-2:2024

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Nadomešča:

SIST EN ISO 20957-2:2021

Nepremična oprema za vadbo - 2. del: Oprema za vadbo moči, dodatne posebne varnostne zahteve in preskusne metode (ISO 20957-2:2024)

Stationary training equipment - Part 2: Strength training equipment - Additional specific safety requirements and test methods (ISO 20957-2:2024)

Stationäre Trainingsgeräte - Teil 2: Kraft-Trainingsgeräte, zusätzliche besondere sicherheitstechnische Anforderungen und Prüfverfahren (ISO 20957-2:2024)

Équipement d'entraînement fixe - Partie 2: Équipement d'entraînement de force - Exigences spécifiques de sécurité et méthodes d'essai supplémentaires (ISO 20957-2:2024)

Ta slovenski standard je istoveten z: **EN ISO 20957-2:2024**

ICS:

97.220.30 Oprema za dvoranske športe Indoor sports equipment

SIST EN ISO 20957-2:2024

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English Version

Stationary training equipment - Part 2: Strength training equipment - Additional specific safety requirements and test methods (ISO 20957-2:2024)

Appareils d'entraînement fixes - Partie 2: Appareil d'entraînement de force - Exigences spécifiques de sécurité et méthodes d'essai supplémentaires (ISO 20957-2:2024)

Stationäre Trainingsgeräte - Teil 2: Kraft-Trainingsgeräte, zusätzliche besondere sicherheitstechnische Anforderungen und Prüfverfahren (ISO 20957-2:2024)

This European Standard was approved by CEN on 14 September 2024.

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.

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-CENELEC Management Centre has the same status as the official versions.

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

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 20957-2:2024) has been prepared by Technical Committee ISO/TC 83 "Sports and other recreational facilities and equipment" in collaboration with 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 April 2025, and conflicting national standards shall be withdrawn at the latest by April 2025.

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

This document supersedes EN ISO 20957-2:2021.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

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, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Endorsement notice

The text of ISO 20957-2:2024 has been approved by CEN as EN ISO 20957-2:2024 without any modification.

Annex ZA (informative)

Relationship between this European Standard and the safety requirements of Directive 2001/95/EC aimed to be covered

This European Standard has been prepared under a Commission's standardization request Standardisation mandate issued to the European standardisation organisations (ESOs) to develop European standards for stationary training equipment "M/506" to provide one voluntary means of conforming to the safety requirements of Commission Decision (EU) No 476/2011 of 27 July 2011 implementing General Product Safety Directive 2001/95/EC of the European Parliament and of the Council with regard to safety requirements for stationary training equipment.

Once this standard is cited in the Official Journal of the European Union under that Directive 2001/95/EC, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety requirements of that Directive and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and Commission Decision (EU) No 476/2011 of 27 July 2011 implementing Directive 2001/95/EC of the European Parliament and of the Council with regard to safety requirements for stationary training equipment and Commission's standardization request Standardisation mandate issued to the European standardisation organisations (ESOs) to develop European standards for stationary training equipment 'M/506'

Safety Requirements of EC Decision (EU) No 476/2011		Clause(s)/sub-clause(s) of this EN
I.	Product and product definition	1; 3; 4
II. A	General safety requirements	1; 5.1.1; 5.3.1; 5.8
II. B.	Specific Safety Requirements	5.3.1; 5.3.2
(a)	Stability of free-standing equipment	5.1
(b)	Sharp edges and burrs	—
(c)	Tube ends	—
(d)	Squeeze, shear, rotating and reciprocating points within the accessible area	5.4
(e)	Weights	5.2.1; 5.2.2.1; 5.2.2.2; 5.2.2.3; 5.2.2.4; 5.4.1; 5.4.2; 5.5
(f)	Equipment access and escape	5.6
(g)	Adjustment and locking mechanisms	5.4.1.2; 5.8; 5.9
(h)	Ropes, belts and chains	5.2.1
(i)	Wire ropes and pulleys	—
(j)	Rope and belt guides	—
(k)	Pull-in points	5.7

Safety Requirements of EC Decision (EU) No 476/2011		Clause(s)/sub-clause(s) of this EN
(l)	Gripping positions	—
(m)	Integral handgrips	—
(n)	Applied handgrips	—
(o)	Rotating handgrips	—
(p)	Electrical safety	—
(q)	Care and maintenance	—
(r)	Assembly instructions	—
(s)	General instructions for use	5.8
(t)	Basic biomechanical requirements	—
(u)	Marking	5.9
(v)	Warnings, especially concerning risks for children	5.9
(w)	Immobilisation unit especially for children by locking the power out	—
II. B.	Tests	
(a)	Dimensional check	6.1.1
(b)	Visual examination	6.1.2
(c)	Tactile examination	6.1.3
(d)	Performance test	6.1.4
(f)	Testing of pull-in points	6.1.1; 6.1.2; 6.1.4
(h)	Stability test	6.2
(i)	Determination of breaking load of ropes, belts and chains	5.2.1
(l)	Testing of access/escape	6.1.1; 6.1.2; 6.1.4
(m)	Testing of endurance load	6.4.1
(q)	Test report	7
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	Other tests – Impact Testing	6.4.2

WARNING 1 Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 Other Union legislation may be applicable to the products falling within the scope of this standard.



**International
Standard**

ISO 20957-2

**Stationary training equipment —
Part 2:
Strength training equipment
— Additional specific safety
requirements and test methods**

Appareils d'entraînement fixes —

*Partie 2: Appareil d'entraînement de force — Exigences
spécifiques de sécurité et méthodes d'essai supplémentaires*

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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