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Entertainment technology - Machinery for stages and other production areas - Part 2: Safety requirements for stands and truss lifts

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 17206-2:2023 sisaldab Euroopa standardi EN 17206-2:2023 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 20.12.2023.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 17206-2:2023 consists of the English text of the European standard EN 17206-2:2023.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 20.12.2023.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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English Version

Entertainment technology - Machinery for stages and other production areas - Part 2: Safety requirements for stands and truss lifts

Technologies du spectacle - Machinerie pour scènes et autres zones de production - Partie 2 : Exigences relatives à la sécurité des pieds de levage et des mâts de levage

Veranstaltungstechnik - Maschinen für Bühnen und andere Produktionsbereiche - Teil 2: Sicherheitstechnische Anforderungen an Stative und Traversenlifte

This European Standard was approved by CEN on 27 November 2023.

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.

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

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European foreword

This document (EN 17206-2:2023) has been prepared by Technical Committee CEN/TC 433 “Entertainment Technology – Machinery, equipment and installations”, 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 June 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.

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 standard specifies safety requirements within the meaning of Machinery Directive (2006/42/EC).

This document is used in conjunction with EN 17206-1.

The EN 17206 series of standards consists of the following parts under the general title *Entertainment technology — Machinery for stages and other production areas*:

- Part 1: *Safety requirements and inspections*¹
- Part 2: *Safety requirements for stands and truss lifts*

The deviations from EN 17206 specified in this part are based on the particular operating conditions for stands and cannot be applied to other machinery installations.

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

According to the CEN-CENELEC Internal Regulations, the national standards organisations 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.

¹ Document in preparation.

1 Scope

This document applies to manually operated and or power-driven stands with an Entertainment Load Limit (ELL) of more than 3 kg.

NOTE 1 The ELL is the maximum load that an item of lifting equipment is designed to raise, lower or sustain.

This is part 2 of the EN 17206 series.

This document applies to stands which are used in places of assembly and in staging and production facilities for events and theatrical productions.

Stands within the meaning of this document are used for the purposes of lifting, lowering, and holding loads (e.g. scenic elements, trusses, lighting and audiovisual equipment). It is also possible for several stands to carry a common load.

These installations are not permitted to be used for the transportation of persons or for the movement of loads above people's heads.

Standing under loads is permitted when these are at rest.

NOTE 2 Only during setup, the operator might, for operational reasons, be required to stand in the hazard zone for short periods of time.

This document also applies to installations with new technologies or customized designs that are not expressly named here but are being used in identical modes of operation.

This document does not apply to:

- stands with a Load Limit ≤ 3 kg;
- camera stands;
- wooden stands.

This document also specifies the information to be communicated between manufacturers and users, and the details that are to be provided with regards to the intended use of the machinery installations.

The significant hazards dealt with in this document are identified in Clause 4.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1492-1, *Textile slings — Safety — Part 1: Flat woven webbing slings made of man-made fibres for general purpose use*

EN 10151, *Stainless steel strip for springs — Technical delivery conditions*

EN 10204, *Metallic products — Types of inspection documents*

EN 17206, *Entertainment technology — Machinery for stages and other production areas — Safety requirements and inspections*

EN ISO 13854, *Safety of machinery — Minimum gaps to avoid crushing of parts of the human body (ISO 13854)*