

# *Geregistreeerde Belgische norm*

**NBN EN 13200-5**

1e uitg., december 2006

**Normklasse: S 44**

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## **Toeschouwersaccomodaties - Deel 5: Schuiftribunes**

Installations pour spectateurs - Partie 5: Tribunes télescopiques

Spectator facilities - Part 5: Telescopic stands

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Deze Europese norm bestaat in drie officiële versies (Duits, Engels, Frans).

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*norme belge  
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La présente norme européenne EN 13200-5:2006 a le statut d'une norme belge.

La présente norme européenne existe en trois versions officielles (allemand, anglais, français).



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English Version

## Spectator facilities - Part 5: Telescopic stands

Installations pour spectateurs - Partie 5: Tribunes  
télescopiques

Zuschaueranlagen - Teil 5: Ausfahrbare (ausziehbare)  
Tribünen

This European Standard was approved by CEN on 12 July 2006.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, 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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## Foreword

This document (EN 13200-5:2006) has been prepared by Technical Committee CEN/TC 315 "Spectator facilities", the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by February 2007, and conflicting national standards shall be withdrawn at the latest by February 2007.

The European Standard with the general title "Spectator facilities" is divided into six parts:

EN 13200-1:2003 Spectator facilities – Part 1: Layout criteria for spectator viewing area – Specification

CEN/TR 13200-2 Spectator facilities – Layout criteria of service area – Part 2: Characteristics and national situations

EN 13200-3 Spectator facilities – Part 3: Separating elements – Requirements

prEN 13200-4 Spectator facilities – Part 4: Seats – Product characteristics

EN 13200-5 Spectator facilities – Part 5: Telescopic stands

EN 13200-6 Spectator facilities – Part 6: Demountable (temporary) stands

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, 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.

## **Introduction**

This European Standard has been prepared in order to specify the general design criteria for spectator facilities (permanent, movable, demountable and telescopic), with the purpose of enabling their functionality.

Within this standard, minimum and recommended values for dimensions are occasionally presented. It should be recognised that these values are to be considered as values that, in part, recognise different national requirements as a basic provision.

Attention is drawn to the fact that in certain countries additional/different requirements may be applicable due to existing national regulations or the equivalent.

## 1 Scope

This European standard specifies product characteristics for telescopic stands at permanent or temporary entertainment venues including sports stadiums, sport halls and indoor and outdoor facilities. Stands in fairgrounds and amusement parks are excluded from this standard (see EN 13814).

## 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 1991-1-1, *Eurocode 1: Actions on structures - Part 1-1: General actions - Densities, self-weight, imposed loads for buildings*

EN 12727, *Furniture - Ranked seating - Test methods and requirements for strength and durability*

EN 13200-1, *Spectator facilities - Part 1: Layout criteria for spectator viewing area - Specification*

prEN 13200-4, *Spectator facilities – Part 4: Seats – Product Characteristics*

## 3 Terms and definitions

For the purposes of this European Standard, the following terms and definitions apply.

### 3.1

#### **chair (seat) spacing**

lateral distance between the centres of adjacent chairs

### 3.2

#### **client**

person or organisation that requires a construction to be provided

### 3.3

#### **dead load**

load of a constant magnitude and position that acts permanently including self weight

### 3.4

#### **designer**

qualified person who designs the telescopic stand

### 3.5

#### **design documentation**

documents provided by the designer of telescopic seating that ensure that the basis of design may be clearly understood and from which all design criteria can be verified

### 3.6

#### **event organiser**

individuals or company managing the organisation of the event

### 3.7

#### **guard rail**

safety barrier fitted to the sides, rear or front of a grandstand or within the seating area in order to protect users from falling