



BSI Standards Publication

## Office furniture - Office work chair

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Part 2: Safety requirements

## National foreword

This British Standard is the UK implementation of EN 1335-2:2018. It supersedes BS EN 1335-2:2009 and BS EN 1335-3:2009, which are withdrawn.

BSI, as a member of CEN, is obliged to publish EN 1335-2:2018 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard, the UK voted against its approval as a European Standard.

The reason for this vote is due to concerns that the rolling resistance test defined in Clause 5.3 does not simulate safety incidents experienced in the UK.

The UK participation in its preparation was entrusted to Technical Committee FW/0/3, Office Furniture.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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**Compliance with a British Standard cannot confer immunity from legal obligations.**

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EUROPEAN STANDARD

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English Version

## Office furniture - Office work chair - Part 2: Safety requirements

Mobilier de bureau - Sièges de travail de bureau -  
Partie 2 : Exigences de sécurité

Büromöbel - Büro-Arbeitsstuhl - Teil 2:  
Sicherheitsanforderungen

This European Standard was approved by CEN on 15 July 2018.

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



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## European foreword

This document (EN 1335-2:2018) has been prepared by Technical Committee CEN/TC 207 “Furniture”, 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 May 2019, and conflicting national standards shall be withdrawn at the latest by May 2019.

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 1335-2:2009 and EN 1335-3:2009.

This series consist of following parts:

- EN 1335-1, *Office furniture — Office work chair — Part 1: Dimensions — Determination of dimensions*;
- EN 1335-2, *Office furniture — Office work chair — Part 2: Safety requirements*;

The main changes with respect to the previous edition are listed below:

- take into account test methods from EN 1728 and EN 1022.

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

## 1 Scope

This document specifies safety, strength and durability requirements for office work chairs. It does not apply to other seating in the office area for which other European Standards exist. The requirements are based upon use for 8 h a day by persons weighing up to 110 kg. Annex A (informative) contains loads, masses and cycles for functional tests.

## 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 1728:2012<sup>1</sup>, *Furniture – Seating – Test methods for the determination of strength and durability*

EN 1022:2018, *Furniture – Seating – Determination of stability*

## 3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

### 3.1 accessible part

part to which access can easily be gained by the user when the chair is in its intended configuration of use and for which the probability of unintentional user contact is high

### 3.2 shear and squeeze point

point existing if the distance between two accessible parts moving relative to each other is less than 25 mm and more than 8 mm in any position during movement

### 3.3 overturn

event at which a seating pivots to the point beyond which the chair continues to fall

### 3.4 castor

assembly comprising a housing, one or more wheels, an axle and, if required, accessories

## 4 Safety requirements

### 4.1 General

The chair shall be so designed as to minimise the risk of injury to the user.

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<sup>1</sup> As impacted by EN 1728:2012/AC:2013.