

**Büroomööbel. Büroo töötool. Osa 1: Mõõtmed.
Mõõtmete määratlus**

Office furniture - Office work chair - Part 1: Dimensions -
Definition of dimensions

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 1335-1:2000 sisaldab Euroopa standardi EN 1335-1:2000 + AC:2002 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 12.09.2000 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 19.04.2000.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 1335-1:2000 consists of the English text of the European standard EN 1335-1:2000 + AC:2002.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 12.09.2000 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 19.04.2000.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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English version

Office furniture - Office work chair - Part 1: Dimensions -
Determination of dimensions

Mobilier de bureau - Sièges de travail de bureau - Partie 1:
Dimensions - Détermination des dimensions

Büromöbel - Büro-Arbeitsstuhl - Teil 1: Maße - Bestimmung
der Maße

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 207 "Furniture", the secretariat of which is held by IBN.

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of an identical text or by endorsement, at the latest by October 2000, and conflicting national standards shall be withdrawn at the latest by October 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

This series consists of the following parts:

- prEN 1335-1:1999 Office furniture - Office work chair - Part 1 : Dimensions, determination of dimensions
- prEN 1335-2:1999 Office furniture - Office work chair - Part 2 : Safety requirements
- prEN 1335-3:1999 Office furniture - Office work chair - Part 3: Safety test methods

Introduction

This standard is part of a series of product standards for office chairs including the following types:

- Office work chair
- Visitors chair

General

The working conditions and the protection of office workers with respect to safety and health necessitates - when necessary - that these standards take ergonomic principles and minimum requirements into account. This applies in particular to the design of Visual Display Equipment (VDU) work stations where a EU directive (90/270/EEC) has been implemented. These work stations should be designed to allow different users to carry out a variety of work tasks. The design of furniture and the work station should, therefore, take into account both the variety of work tasks and the needs of the users.

The design of work procedures, work stations and furniture should ensure that the user can move his or her body and limbs frequently in order to avoid muscle stress.

Basis of dimensions and reference seating posture

The dimensions in this standard are based on the conflicting requirements of anthropometric measurements, mechanical design, subjective preference and other factors. In general, they should be suitable for people between 1510 mm and 1920 mm in body height. People with body height outside this range may need furniture of different dimensions or a footrest. Due to the variation in population heights in different countries, there will be a variation in the percentage of the office population which the dimensions will accommodate in each country.

In order to be able to specify acceptable dimensional requirements, a theoretical reference seating posture has been adopted. This posture does, however, not automatically correspond to the ideal or optimum seating posture.

The reference seating posture is as follows:

- The sole of the foot placed on the floor.
- The foot forms an angle of approximately 90° with the lower leg.
- The lower leg is approximately vertical.
- The lower leg forms an angle of approximately 90° with the thigh.
- The thigh is almost horizontal.
- The thigh forms an angle of approximately 90° with the trunk.
- The trunk is erect.

1 Scope

This part of the prEN 1335:1999 applies to office work chairs. It specifies dimensions of three types of chairs as well as test methods for their determination.

2 Normative references

This European Standard incorporates by dated or undated reference, provision from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).