KÕRGED LASTETOOLID. NÕUDED JA KATSEMEETODID

Children's high chairs - Requirements and test methods



# EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 14988:2017+A1:2020 sisaldab Euroopa standardi EN 14988:2017+A1:2020 ingliskeelset teksti.	This Estonian standard EVS-EN 14988:2017+A1:2020 consists of the English text of the European standard EN 14988:2017+A1:2020.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 19.02.2020.	Date of Availability of the European standard is 19.02.2020.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

# ICS 97.140, 97.190

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonsesse süsteemi või edastamine ükskõik millises vormis või millisel teel ilma Eesti Standardikeskuse kirjaliku loata on keelatud.

Kui Teil on küsimusi standardite autorikaitse kohta, võtke palun ühendust Eesti Standardikeskusega: Koduleht www.evs.ee; telefon 605 5050; e-post info@evs.ee

The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without a written permission from the Estonian Centre for Standardisation.

If you have any questions about copyright, please contact Estonian Centre for Standardisation:

Homepage www.evs.ee; phone +372 605 5050; e-mail info@evs.ee

# EUROPEAN STANDARD NORME EUROPÉENNE

# EN 14988:2017+A1

EUROPÄISCHE NORM

February 2020

ICS 97.140; 97.190

Supersedes EN 14988:2017

## **English Version**

# Children's high chairs - Requirements and test methods

Chaises hautes pour enfants - Exigences et méthodes d'essai

Kinderhochstühle - Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 24 April 2017 and includes Amendment 1 approved by CEN on 18 November 2019.

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, Turkey and United Kingdom.



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

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

Con	contents	
Furor	pean foreword	4
<b>ես</b>	Scope	
_		
2	Normative references	
3	Terms and definitions	5
4	General	
4.1	Test conditions	
4.2	Application of forces	
4.3 4.4	Tolerances Test sequence	
4.4 4.5	Determination of the junction line	
	Test equipment	
5 5.1	Test equipmentGeneral	
5.1 5.2	Test mass A	
5.2 5.3	Impact hammer	
5.4	Large loading pad	
5.5	Small loading pad	
5.6	Stops	
5.7	Floor surface	
5.8 5.9	Beams Probes for finger entrapment	10 10
5.9 5.10	Test mass B	
5.10 5.11	Small parts cylinder	
5.12	Small torso probe	
5.13	Test mass C	
5.14	Leg probe	
5.15	Wedge block	
5.16 5.17	Large head probeImpactor	
5.1 <i>7</i> 5.18	Wood block	
5.19	Feeler gauge	
5.20	Test mass D	
6	Chemical hazards - Migration of certain elements (see A.2)	14
7	Thermal hazards (see A.3)	
-	Mechanical hazards (see A.4)	
8 8.1	Hazards caused by folding of the product	
8.2	Hazards caused by height adjustment	
8.3	Entrapment hazards (see A.4.1)	
8.4	Hazards caused by moving parts (see A.4.2)	
8.5	Entanglement hazards (see A.4.3)	
8.6	Choking and ingestion hazards (see A.4.4)	
8.7	Hazards caused by edges, corners and protruding parts (see A.4.6)	
8.8 8.9	Strength and durability hazards (Structural integrity, see A.4.7)	
8.10	Suffocation hazards (see A.4.5)	

8.11 8.12	Castors and wheels (see A.4.9)Stability (see A.A.4.10)	
9	Marking and product information	38
9.1	General	38
9.2 9.3	Marking Instructions for use	
9.3 9.4	Purchase information	
Anne	x A (informative) Rationales	41
<b>A.1</b>	Introduction	41
A.2	Chemical hazards (see Clause 6)	41
<b>A.3</b>	Thermal hazards (see Clause 7)	41
<b>A.4</b>	Mechanical hazards (see Clause 8)	41
Anne	x B (informative) A- deviations	44
	x C (normative) Translations	
Biblic	ography	56
	ography	
	.0	
		6
		$O_{\lambda}$
		3

# **European foreword**

This document (EN 14988:2017+A1:2020) has been prepared by Technical Committee CEN/TC 364 "High Chairs", 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 August 2020, and conflicting national standards shall be withdrawn at the latest by February 2023.

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 includes Amendment 1 approved by CEN on 2019-03-29.

This document supersedes (A) EN 14988-1:2017 (A).

The start and finish of text introduced or altered by amendment is indicated in the text by tags 🗗 街.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This document contains the following main modifications in comparison to the previous versions:

- EN 14988-1:2006+A1:2012 and EN 14988-2:2006+A1:2012 have been merged into one single document;
- complete review of the standard in a hazard base format;
- modifications necessary to comply with European Decision 2013/121/EU;
- addition of a dynamic strength test;
- inclusion of specific requirements for high chair with more than two castors/wheels;
- improvement of restraint system requirements to require a passive crotch restraint for products with a horizontal component in front of the baby.

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, Turkey and the United Kingdom.

7

# 1 Scope

This European Standard specifies safety requirements for free standing children's high chairs that elevate children to dining table height usually for the purposes of feeding or eating. Children's high chairs are for children up to 3 years of age who are capable of sitting unaided.

With the exception of special high chairs for medical purposes, this standard applies to children's high chairs for domestic and non-domestic use.

NOTE If a children's high chair has to or can be converted into other functions, additional European Standards may apply.

### 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 71-2:2011+A1:2014, *Safety of toys - Part 2: Flammability* 

EN 71-3, Safety of toys - Part 3: Migration of certain elements

EN 13210, Child use and care articles - Children's harnesses, reins and similar type articles - Safety requirements and test methods

ISO 7619-1, Rubber, vulcanized or thermoplastic - Determination of indentation hardness - Part 1: Durometer method (Shore hardness)

#### 3 Terms and definitions

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

#### 3.1

#### active restraint system

system where the carer performs an action to ensure that the child is secured in the restraint system

#### 3.2

# passive restraint system

system where the carer does not perform an action to ensure that the child is secured in the restraint system

#### 3.3

#### crotch restraint

device passing between the legs of the child and preventing the child from slipping forwards out of the high chair

#### 3.4

#### waist restraint

rigid or flexible device(s), which when fastened, goes from one side of the high chair to the other passing in front of the child's waist or surrounding the child's waist

# 3.5

#### shoulder restraint

device passing over the shoulders and connecting either to the crotch restraint or to the waist restraint