

DIN EN 1888-1



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Together with DIN EN
1888-2:2019-05,
supersedes
DIN EN 1888:2012-06
See start of application

**Child use and care articles –
Wheeled child conveyances –
Part 1: Pushchairs and prams;
English version EN 1888-1:2018,
English translation of DIN EN 1888-1:2019-05**

Artikel für Säuglinge und Kleinkinder –
Transportmittel auf Rädern für Kinder –
Teil 1: Kinderwagen und Kindersportwagen;
Englische Fassung EN 1888-1:2018,
Englische Übersetzung von DIN EN 1888-1:2019-05

Articles de puériculture –
Voitures d'enfant –
Partie 1: Poussettes et landaus;
Version anglaise EN 1888-1:2018,
Traduction anglaise de DIN EN 1888-1:2019-05

Document comprises 113 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

Start of application

The start of application of this standard is 2019-05-01.

DIN EN 1888:2012-06 may be used in parallel until 2019-12-31.

National foreword

This standard includes safety requirements.

This document (EN 1888-1:2018) has been prepared by Technical Committee CEN/TC 252 “Child use and care articles” (Secretariat: AFNOR, France).

The responsible German body involved in its preparation was *DIN-Normenausschuss Sicherheitstechnische Grundsätze* (DIN Standards Committee Safety Design Principles), Working Committee NA 095-05-03 AA “Child use and care articles — Seating and body care, protection, lying down and transportation”.

Amendments

This standard differs from DIN EN 1888:2012-06 as follows:

- a) DIN EN 1888:2012-06 has been subdivided into two separate parts. This part includes general requirements and test methods for pushchairs and prams. Requirements and test methods for pushchairs for children of 15 kg to 22 kg have been specified in DIN EN 1888-2:2019-05;
- b) chemical hazards;
- c) entrapment hazards;
- d) hazards from moving parts;
- e) entanglement hazards;
- f) parking device test method;
- g) stability of the vehicle;
- h) an informative Annex E giving relevant translations for warning sentences has been included;
- i) an informative Annex D giving information on the assessment of moving parts of canopies has been included;
- j) an informative Annex G giving information on the arrangement of approval marks for car seats has been included.

Previous editions

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DIN 66068-2: 1971-04, 1974-11, 1980-07, 1989-03

DIN EN 1888: 2003-06, 2005-11, 2012-06

DIN EN 1888 Corrigendum 1: 2008-09

English Version

Child use and care articles - Wheeled child conveyances - Part 1: Pushchairs and prams

Articles de puériculture - Voitures d'enfant - Partie 1:
Poussettes et landaus

Artikel für Säuglinge und Kleinkinder - Transportmittel
auf Rädern für Kinder - Teil 1: Kinderwagen und
Kindersportwagen

This European Standard was approved by CEN on 23 April 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.

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European foreword

This document (EN 1888-1:2018) has been prepared by Technical Committee CEN/TC 252 “Child care articles”, the secretariat of which is held by AFNOR.

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 2019, and conflicting national standards shall be withdrawn at the latest by December 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 1888:2012.

In comparison with this EN 1888:2012, the significant technical changes relate to the following issues:

- a) chemical hazards;
- b) entrapment hazards;
- c) hazards from moving parts;
- d) entanglement hazards;
- e) parking device test method;
- f) stability of the vehicle;
- g) introduction of an informative Annex E giving relevant translations for warning sentences;
- h) introduction of an informative Annex D giving information on the assessment of moving parts of canopies;
- i) introduction of an informative Annex G giving information on the arrangement of approval marks for car seats.

In November 2014, the European Working Group decided to split EN 1888 into different parts to clearly treat in a different way, new products or new functions of wheeled child conveyances.

EN 1888 is currently composed with the following parts:

- EN 1888-1, *Child care articles — Wheeled child conveyances — Part 1: Pushchairs and prams*;
- EN 1888-2, *Child care articles — Wheeled child conveyances — Part 2: Pushchairs for children above 15 kg up to 22 kg*.

EN 1888 therefore becomes EN 1888-1 and is only applicable to *pushchairs* and *prams*. It will be used as a reference in future parts.

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 European Standard specifies the safety requirements and test methods for *pushchairs and prams*, designed for the carriage of one or more children, up to 15 kg each and up to 20 kg for any *integrated platform* on which a child can stand.

This European Standard does not cover toys, baby carriers fitted with wheels; *pushchairs and prams* propelled by a motor and *pushchairs and prams* designed for children with special needs.

Where a *pushchair or pram* or any part of the *pushchair or pram* has several functions or can be converted into another function it is due to comply with relevant standard(s).

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 71-1, *Safety of toys — Part 1: Mechanical and physical properties*

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

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

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

wheeled child conveyance

vehicle designed for the carriage of one or more children which can be manually steered while being pushed or pulled

3.2

pushchair

vehicle comprising a *chassis* and one or more *seat units* or *car seats*

Note 1 to entry: Referred to as the “vehicle” for the purpose of this standard.

3.3

pram

vehicle comprising a *chassis* and one or more *pram bodies*

Note 1 to entry: Referred to as the “vehicle” for the purpose of this standard.

3.4

integrated platform

integral part of the vehicle designed to support an additional child in a standing position

3.5

chassis

wheeled framework with extended handle(s) for pushing, pulling and steering, designed to accommodate and transport a *pram body* (bodies) or *car seat(s)* or *seat unit(s)* or a combination of these items

3.6

seat unit

structure which may or may not be adjustable to achieve a reclining or recumbent position designed to support one or more children

3.7

type A car seat

Child Restraint System (CRS) used for children up to 9 kg according to Regulation ECE R44 (group 0) or Regulation ECE R129

Note 1 to entry: Child Restraint Systems are covered by UNECE regulations.

Note 2 to entry: Arrangement of approval marks is shown in Annex G

3.8

type B car seat

Child Restraint System (CRS) used for children up to 13 kg according to Regulation ECE R44 (group 0+) or Regulation ECE R129

Note 1 to entry: Child Restraint Systems are covered by UNECE regulations.

Note 2 to entry: Arrangement of approval marks is shown in Annex G.

3.9

pram body

structure with essentially vertical and continuous sides and ends with an internal base designed to transport one or more children in a primarily horizontal position

3.10

protected volume

volume accessible by the child (occupant) when sitting or lying in the *pushchair* or *pram*, where specific safety requirements are necessary

3.11

junction line

intersection of the seat and the backrest

3.12

restraint system

system to restrain the child within the vehicle

3.13

crotch restraint

device positioned between the child's legs to prevent the child from sliding forwards

3.14

harness anchorage point

device suitable for the attachment of an additional child's harness

3.15

footrest

support for the feet or a foot, used when sitting

3.16

shearing hazard

hazard due to the movement of components relatively one to another resulting in a scissoring action

3.17

crushing hazard

hazard due to the movement of components relatively one to another resulting in a compression action

3.18

folding system

assembly of moving parts which enables the vehicle to be changed from an erected position to a folded position and vice versa under the control of the carer

3.19

locking mechanism

assembly of components consisting of one or more *locking device(s)* and *one or more operating device(s)*

3.20

locking device

mechanical component that maintains part(s) of the vehicle erected in the position of use (e.g. latch(es), hooks, over centre lock...) which could be deactivated or activated by action(s) on the *operating device*

3.21

operating device

part of the *locking mechanism(s)* designed to be activated by the carer through one or several positive action(s)

3.22

automatic locking device

device that engages with no additional voluntary action by the carer, when the vehicle is erected to its position of use

3.23

reversible handle

handle that can be rotated on the *chassis* to change the direction of pushing

3.24

occupant space

space enclosed by the surfaces, for example, side and ends or the base, or both, of a *pram body*, *seat unit* or *car seat* that contains the child (occupant) within a *pram* or *pushchair*

3.25

parking device

device to maintain the vehicle in a stationary position

3.26

braking device

device to reduce the speed of the vehicle