



## BSI Standards Publication

### **Child use and care articles - Wheeled child conveyances**

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Part 1: Pushchairs and prams

## National foreword

This British Standard is the UK implementation of [EN 1888-1:2018](#). It supersedes [BS EN 1888:2012](#), which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CW/1, Safety of child use and child care products.

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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English Version

## Child 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 Kinderwagenaufsätze

This European Standard was approved by CEN on 23 April 2018.

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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of an identical text or by endorsement, at the latest by June 2019, and conflicting national standards shall be withdrawn at the latest by December 2019.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 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 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

### 3.27

#### **carry cot**

product consisting of a base, sides, ends and carrying handle(s), within which a child can be laid down and transported by hand(s)

NOTE Carry cot is the generic term generally used.

## 4 General requirements and test conditions

NOTE Words in *italics* are defined in [Clause 3](#) (Terms and definitions). Additional information on the background and rationale for various requirements is given in [Annex A](#).

### 4.1 Samples

Tests should be carried out in the order of the clauses given in this European standard, unless otherwise stated. Each test shall be carried out only using one vehicle, unless otherwise stated.

Vehicles with multiple places for *pram bodies* and/or *seat units* shall comply with all applicable requirements in any possible arrangement in accordance with the manufacturer's instructions. If