

Basket trolleys —

Part 1: Requirements and tests for basket trolleys with or without a child carrying facility

The European Standard EN 1929-1:1998 has the status of a British Standard

ICS 97.130.30

National foreword

This British Standard is the English language version of EN 1929-1:1998. It supersedes BS 7646:1993 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CW/51, Self service trolleys, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

By custom and practice, an 18 kg load limit for the child carrying facility of a basket trolley, rather than the 15 kg specified in this standard, has been adopted in the UK. In the case where a customer wishes to specify this higher limit, increasing the tilt angle given in 5.4 to 12° will give an equivalent safety level for an 18 kg child.

Subclause 4.1.1. of this standard requires that trolleys with a child carrying facility shall not contain any part that may pinch, cut or injure the child. Tests have shown that gaps within the ranges 5 mm to 12 mm and 25 mm to 45 mm can cause injury through entrapment of fingers or limbs respectively. Further guidance can be found in CEN Report CR 13387:1999, *Child use and care articles — General and common safety guidelines*.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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Summary of pages

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English version

Basket trolleys — Part 1: Requirements and tests for basket trolleys with or without a child carrying facility

Chariots d'achat à corbeille —
Partie 1: Prescriptions et essais pour les chariots
d'achat à corbeille, avec ou sans siège pour enfant

Einkaufswagen —
Teil 1: Anforderungen und Prüfungen für
Einkaufswagen mit oder ohne Kindersitz

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CEN

European Committee for Standardization
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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 291, Self-service shopping trolleys, the secretariat of which is held by DIN.
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 November 1998, and conflicting national standards shall be withdrawn at the latest by November 1998.
During the preparation of this European Standard, CEN/TC 291/WG 1 considered general purpose trolleys existing on the market.
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.

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Introduction

This European Standard is a part of a series of standards currently under preparation by CEN/TC 291:

The parts of this series are:

- *basket trolleys with or without a child carrying facility — requirements and tests;*
- *basket trolleys with base trays with or without a child carrying facility — requirements and tests;*
- *basket trolleys with base trays for Do It Yourself markets — requirements and tests;*
- *basket trolleys with or without a child carrying facility intended to be used on passenger conveyors — requirements and tests;*
- *basket trolleys with base trays with or without a child carrying facilities intended to be used on passenger conveyors — requirements and tests;*
- *basket trolleys with base trays for Do It Yourself markets intended to be used on passenger conveyors — requirements and tests.*

1 Scope

This European Standard specifies requirements for the construction, performance, testing and safety specifications for general purpose self service basket trolleys, fitted or not fitted with a child carrying facility, for use by customers of self service stores to carry goods.

This European Standard applies to manually driven trolleys that are not intended for use on passenger conveyors.

The technical characteristics of accessories (see 3.8) are not covered by this European Standard.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions 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 only 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.

ISO 2768-1: 1989, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications.*

ISO 9227: 1990, *Corrosion tests in artificial atmospheres — Salt spray tests.*

3 Definitions

For the purposes of this European Standard, the following definitions apply.

3.1

type A trolley

trolley consisting of a basket to carry goods, a base equipped with castors, and a handle (see Figure 1)

NOTE Type A trolleys do not have a child carrying facility.



Figure 1 — Type A trolley

3.2

type B trolley

trolley consisting of a basket to carry goods, a base equipped with castors, a handle, and a single child carrying facility positioned inside the basket (see Figure 2)



Figure 2 — Type B trolley

3.3

handle

part used to manoeuvre the trolley (see Figure 3)

3.4

base

part of the trolley fitted with the castors and supporting the basket (see Figure 3).

3.5

castor

housing that supports a wheel or wheels mounted in a tread or other element

NOTE The housing can be fixed or free to swivel about its vertical axis.