

Specification for

General purpose self-service trolleys

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Consumer and Contract Goods Standards Policy Committee (CCM/-) to Technical Committee CCM/51, upon which the following bodies were represented:

- Association of Consulting Scientists
- British Retail Consortium
- Castor Manufacturers' (UK) Association
- Child Accident Prevention Trust
- Consumer Policy Committee of BSI
- Furniture Industry Research Association
- Health and Safety Executive
- Institute of Trading Standards Administration
- Royal Society for the Prevention of Accidents

This British Standard, having been prepared under the direction of the Consumer and Contract Goods Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 March 1993

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Foreword

This British Standard has been prepared under the direction of the Consumer and Contract Goods Standards Policy Committee.

Work on preparation of the initial draft was undertaken by the Health and Safety Executive. The standard specifies requirements for general purpose self-service trolleys intended for use without any mechanical assistance, such as moving pathways. Requirements are included for parking devices, where these are fitted, and it is recommended that trolleys fitted with such devices be used in situations involving slopes.

Work is now underway on the preparation of European Standards for self-service trolleys and the following items are on the work programme:

- basket trolleys with or without a child-carrying facility;
- basket trolleys with shelves and child-carrying facilities;
- trolleys with basket and platform for do it yourself markets (DIY).

The first of these work items will eventually supersede this standard, which will then be withdrawn and the European Standard will be adopted as a British Standard. Following publication of this standard, it had been intended to prepare further standards for different types of trolleys. This is now prevented by a CEN standstill agreement but the trolleys that it was intended to cover will be dealt with within the European work and the resulting standards will be implemented as British Standards.

Attention is drawn to *Shopping trolleys; safe system of work guidance* [1] which is published by HSE and is available from HMSO.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 8, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

1 Scope

This British Standard specifies requirements for materials, construction, performance, marking and testing of general purpose self-service trolleys without secondary or added goods-carrying facilities, for use by customers of self-service stores to carry goods and for use only by human intervention without mechanical assistance. Trolleys may also have a child-carrying facility suitable for a child of up to 18 kg.

NOTE Trolleys with facilities for carrying more than one child or having a detachable baby carriage or which are adapted for use by disabled persons, including those in wheelchairs, are outside the scope of this standard. The standard does not contain requirements for coin slot attachments such as trolley locks.

2 References

2.1 Normative references

This standard incorporates, by reference, provisions from specific editions of other publications. These normative references are cited at the appropriate points in the text and the publications are listed on the inside back cover. Subsequent amendments to, or revisions of, any of these publications apply to this standard only when incorporated in it by updating or revision.

2.2 Informative references

This standard refers to other publications that provide information or guidance. Editions of these publications current at the time of issue of this standard are listed on the inside back cover, but reference should be made to the latest editions.

3 Definitions

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

3.1

general purpose self-service trolley

a trolley that consists of a base, a basket, a handle(s) and is fitted with castors. It may or may not have a special integrated facility for carrying a child of mass of up to a maximum of 18 kg. Also it may or may not be fitted with a parking device(s) and a bumper

3.2

base

the part of the trolley, with castors, which supports the basket, and may also have attachments for the transport of goods

3.3

basket

the part of the trolley used for holding goods to be transported. It may or may not contain a child-carrying facility

3.4

handle(s)

the part used to manoeuvre the trolley

3.5

castor

a housing which supports a wheel or wheels. The housing can be fixed or free to swivel about its vertical axis

3.6

A flap

a moving panel for the retention of goods, when in use, which has the facility to act as a component for the child-carrying facility and to facilitate nesting (see Figure 1 and Figure 2)

3.7

B flap

a moving panel which, when used in conjunction with the A flap and seat, provides the child-carrying facility. This flap may close on an A flap when the trolley is in use and the child-carrying facility is not needed (see Figure 1 and Figure 2)

3.8

gate

a moving panel for the retention of goods, when in use, and to facilitate nesting when not in use (see Figure 1 and Figure 2)

3.9

parking device

a device operating on one or more castors to limit the movement of the stationary trolley. The device has only two modes of operation: on or off

3.10

castor mounting point

the part joining the castor to the base of the trolley

3.11

accessories

any other part permanently fixed to the body of the trolley

3.12

bumper

a device at the front of the base to reduce the possibility of injuries to the heel area of a person or damage to shop equipment in the event of collision