

**Basket trolleys - Part 4: Requirements and tests for basket trolleys with additional goods carrying facility(ies), with or without a child carrying facility, intended to be used on passenger conveyors**

Basket trolleys - Part 4: Requirements and tests for basket trolleys with additional goods carrying facility(ies), with or without a child carrying facility, intended to be used on passenger conveyors

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 1929-4:2005 sisaldab Euroopa standardi EN 1929-4:2005 ingliskeelset teksti.	This Estonian standard EVS-EN 1929-4:2005 consists of the English text of the European standard EN 1929-4:2005.
Käesolev dokument on jõustatud 22.06.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.	This document is endorsed on 22.06.2005 with the notification being published in the official publication of the Estonian national standardisation organisation.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

<b>Käsitlusala:</b> This document specifies requirements for the construction, performance, testing and safety specifications for general purpose self-service basket trolleys, with additional goods carrying facility(ies), with or without a child carrying facility, intended to be used on passenger conveyors, accompanied by a user.	<b>Scope:</b> This document specifies requirements for the construction, performance, testing and safety specifications for general purpose self-service basket trolleys, with additional goods carrying facility(ies), with or without a child carrying facility, intended to be used on passenger conveyors, accompanied by a user.
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**Võtmesõnad:** bags, ergonomics, escalators, human factors engineering, maintenance, marking, moving pavements, passenger conveyors, properties, purchase, retail trade, safety, self-services, specification (approval), specifications, testing, trolley baskets, trolleys

ICS 97.130.30

English version

**Basket trolleys - Part 4: Requirements and tests for basket trolleys with additional goods carrying facility(ies), with or without a child carrying facility, intended to be used on passenger conveyors**

Chariots d'achat à corbeille - Partie 4 : Prescriptions et essais pour les chariots d'achat à corbeille et dispositif(s) supplémentaire(s) de dépose de marchandises, avec ou sans siège pour enfant, destinés à être utilisés sur trottoirs roulants

Einkaufswagen - Teil 4: Anforderungen und Prüfungen für Einkaufswagen mit zusätzlichen Abstelleinrichtungen für Waren, mit oder ohne Kindersitz, geeignet für den Gebrauch auf Personenfahrrsteigen

This European Standard was approved by CEN on 14 February 2005.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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## Foreword

This document (EN 1929-4:2005) has been prepared by Technical Committee CEN/TC 291 “Self service shopping trolleys”, the secretariat of which is held by BSI.

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 October 2005, and conflicting national standards shall be withdrawn at the latest by October 2005.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

## Introduction

This document is a part of a series of standards currently under preparation by CEN/TC 291.

The parts of this series are:

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|--------------|--|
| EN 1929-1    | Basket trolleys — Part 1: Requirements and tests for basket trolleys with or without a child carrying facility   |
| EN 1929-2    | Basket trolleys — Part 2: Requirements, tests and inspection for basket trolleys with or without a child carrying facility, intended to be used on passenger conveyors                                   |
| EN 1929-3    | Basket trolleys — Part 3: Requirements and tests for basket trolleys with additional goods carrying facility(ies), with or without a child carrying facility   |
| EN 1929-4    | Basket trolleys — Part 4: Requirements and tests for basket trolleys with additional goods carrying facility(ies), with or without a child carrying facility, intended to be used on passenger conveyors |
| prEN 1929-6: | Basket trolleys — Part 6: Requirements, tests and inspection for basket trolleys with base trays for Do It Yourself markets intended to be used on passenger conveyors                                   |
| EN 1929-7:   | Basket trolleys — Part 7: Requirements and tests for basket trolleys with baby and child carrying facilities   |

## 1 Scope

This document specifies requirements for the construction, performance, testing and safety specifications for general purpose self-service basket trolleys, with additional goods carrying facility(ies), with or without a child carrying facility, intended to be used on passenger conveyors, accompanied by a user.

## 2 Normative references

The following referenced documents are indispensable for the application 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 115, *Safety rules for the construction and installation of escalators and passenger conveyors*

EN 1929-1:1998, *Basket trolleys — Part 1: Requirements and tests for basket trolleys with or without a child carrying facility*

EN 1929-2:2004, *Basket trolleys — Part 2: Requirements, tests and inspection for basket trolleys with or without a child carrying facility, intended to be used on passenger conveyors*

EN 1929-3:2005, *Basket trolleys — Part 3: Requirements and tests for basket trolleys with additional goods carrying facility(ies), with or without a child carrying facility*

## 3 Terms and definitions

For the purposes of this document the terms and definitions given in EN 1929-2:2004 and EN 1929-3:2005 and the following apply.

### 3.1

**basket trolley with goods carrying facility(ies) intended to be used on passenger conveyors**  
manually driven trolley with goods carrying facility(ies), suitable for use on a passenger conveyor

## 4 Safety

### 4.1 Generalities

Trolleys covered by this document are intended to be used on passenger conveyors conforming with EN 115 and shall comply with EN 1929-3, with the exception of

- subclause 4.1 only for the diameter of the wheels (in Table 1 paragraph line 4.2.2 'rolling quality' of EN 1929-1:1998, where the diameter of the wheels shall be not less than 120 mm),
- subclause 5.5,
- Clause 6.

### 4.2 Total loading mass

When used on a passenger conveyor, the total loading mass of the trolley shall not exceed 160 kg.

### 4.3 Space between the trolley and passenger conveyor

The difference between the overall width of the trolley and the nominal width of the passenger conveyor shall be not less than 400 mm.