

Packaging - Small Load Carrier Systems - Part 2: Column Stackable System (CSS)

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13199-2:2000 sisaldab Euroopa standardi EN 13199-2:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.12.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13199-2:2000 consists of the English text of the European standard EN 13199-2:2000.</p> <p>This document is endorsed on 18.12.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This standard specifies the main characteristics and the testing of reusable durable parallelepipedic SLCs and their accessories which form a column stackable system designed to contain bulk or precisely located component loads up to maximum load of 20 kg.</p>	<p>Scope:</p> <p>This standard specifies the main characteristics and the testing of reusable durable parallelepipedic SLCs and their accessories which form a column stackable system designed to contain bulk or precisely located component loads up to maximum load of 20 kg.</p>
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ICS 55.160

Võtmesõnad:

ICS 55.160

English version

Packaging
Small Load Carrier Systems
Part 2: Column Stackable System (CSS)

Emballage – Systèmes de transport
de petites charges – Partie 2: Sys-
tème gerbable en colonnes (SGP)

Verpackung – Kleinladungsträger-
systeme – Teil 2: Säulenstapelsystem
(SSS)

This European Standard was approved by CEN on 2000-06-30.

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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.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 261 "Packaging", 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 January 2001, and conflicting national standards shall be withdrawn at the latest by January 2001.

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.

No existing European standard is superseded by this standard.

This draft standard is part of a series of standards for Small Load Carrier systems (SLC systems).

The other parts are entitled as follows:

- Part 1: Common requirements and test methods
- Part 3: Bond stackable system (BSS)

Introduction

The Small Load Carrier (SLC) system specified in this Part of EN 13199 consists of re-usable elements, designed for manual and mechanical handling. It was first conceived for handling, storage and transport of goods and designed to meet the needs of automotive manufacturers and their suppliers.

As this system may be used for similar purposes in other fields of application, this Part of EN 13199 only contains the main requirements necessary to define a non-restrictive common base. These universal characteristics allow the requirements of manual, mechanical and automatic handling to be met, and thus enhance the efficiency of the logistic chain. It is likely that this system of SLCs and accessories will frequently be used in a pool.

The use of SLC systems with palletized loads is discussed in Annexes B and C.

1 Scope

This standard specifies the main characteristics and the testing of reusable durable parallelepipedic SLCs and their accessories which form a column stackable system designed to contain bulk or precisely located component loads up to maximum load of 20 kg.

Illustrations of functional features are given in Annex D (informative).

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 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 (including amendments).

EN 13199 -1:2000

Packaging – Small Load Carrier Systems – Part 1: Common requirements and test methods

3 Characteristics

The column stackable system is characterized by the following features:

- a) maximum load: 20 kg;
- b) nominal height of standard palletized load: 800 mm, 1000 mm and 1200 mm (including pallet);
- c) functional features: handles for manual pick-up,
horizontal axis holes and ribs for mechanical pick-up;
- d) labelling areas: four, one on each side or end;
- e) label holder (if necessary);
- f) available label holder locations:
 - for 600 mm × 400 mm and 400 mm × 300 mm SLCs: two, one each on an adjacent side and end;
 - for 300 mm × 200 mm SLC: one, on a side.

4 Dimensions, weights and applied loads

4.1 Small Load Carriers

The main dimensions shall be as given in table 1 and as illustrated in figures 1 to 5. Surfaces shall be free from warp exceeding the limits given in table 2. The permitted base warping is 2 mm maximum (difference between one corner and the plane defined with other 3 corners).