SLOVENSKI STANDARD
SIST EN 12674-1:2000

01-april-2000

Kontejnerji s kolesi - 1. del: Terminologija

Roll containers - Part 1: Terminology

Rollbehälter - Teil 1: Terminologie

Conteneurs a roulettes - Partie 1: Terminologie

Ta slovenski standard je istoveten z: **EN 12674-1:1999**

ICS:

01.040.55	Pakiranje in distribucija blaga (Slovarji)	Packaging and distribution of goods (Vocabularies)
55.180.10	Veļ namenski kontejnerji	General purpose containers

SIST EN 12674-1:2000 **en**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 12674-1

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ICS 01.040.55; 55.180.10

English version

Roll containers - Part 1: Terminology

Conteneurs à roulettes - Partie 1: Terminologie

Rollbehälter - Teil 1: Terminologie

This European Standard was approved by CEN on 20 May 1999.

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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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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

Contents

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of an identical text or by endorsement, at the latest by January 2000, and conflicting national standards shall be withdrawn at the latest by January 2000.

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.

This standard is part of a series of standards for roll containers, no existing document is being replaced, other parts will be entitled as follows:

prEN 12674-2: Part 2: Roll containers - General design & safety principles
prEN 12674-3: Part 3: Roll containers - Test methods
prEN 12674-4: Part 4: Roll containers - Performance requirements

INTRODUCTION

Roll containers are equipment intended for moving goods which comprise apparatus fitted with fixed and/or swivel castors. The superstructure comprises two or more frames which provide retention for items requiring transportation and/or distribution.

Roll containers can be supplied in a variety of materials and, for the purpose of this terminology document, in four main styles. The Nesting style is further sub-divided into five derived forms and the Demountable style is sub-divided into 2 derived forms. The four main styles are arranged relative to each other in Figure 1.

> Note: The figures in prEN 12674-1 show typical examples and designs are not restricted to those shown.

1 SCOPE

This European Standard specifies terminology used in the field of roll containers. It also includes terminology for related equipment such as dollys.

The Standard defines the main styles of roll container and various special forms of roll container derived from the main styles.

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.

prEN 12674-2: Part 2: Roll containers - General design & safety principles
prEN 12674-3: Part 3: Roll containers - Test methods
prEN 12674-4: Part 4: Roll containers - Performance requirements

3 ROLL CONTAINER STYLES

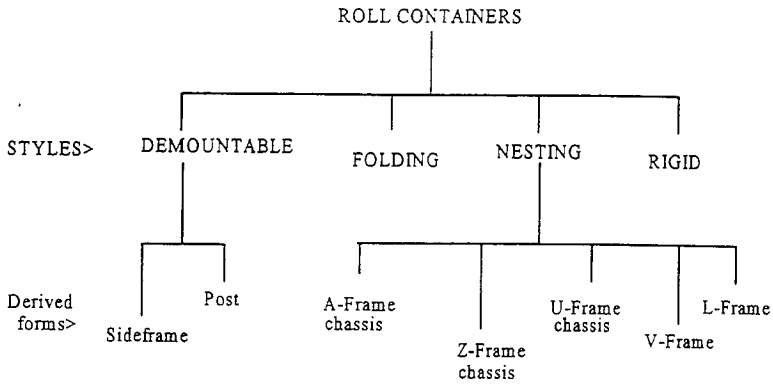

Figure 1: The four roll container styles and seven forms derived from these styles

3.1 Demountable Style Roll Container

Roll container providing easy removal of the side frames, posts or shelves which can be stacked within an assembled unit. For use where space to store and transport empty units is at a premium.

3.1.1 Demountable style, post form: Form incorporating locking or free fitting posts and shelving. An example is shown in Figure 2

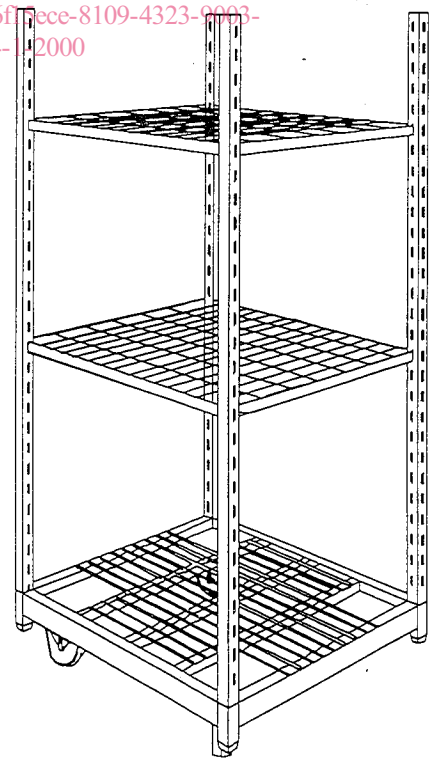

Figure 2: Demountable style, post form with corner posts and open shelves ready for use

3.1.2 Demountable style, side frame form: Form incorporating demountable sides, where, for returning transport, the remaining bases or sides can be loaded on their edges within an erected roll container. Examples are shown in Figures 3a to 3d.

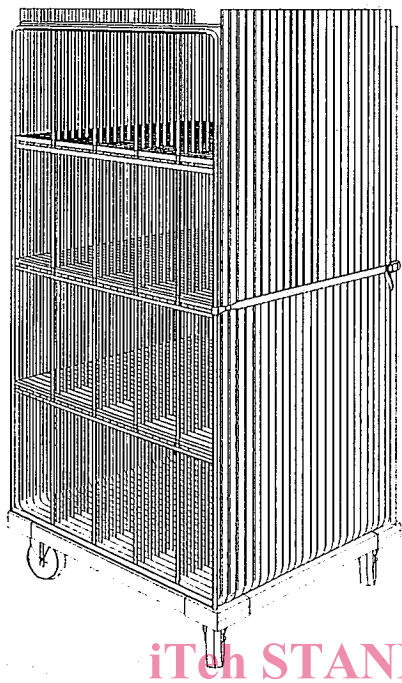

Figure 3a: Demountable style, side frame form roll container with sides stacked on their top edge

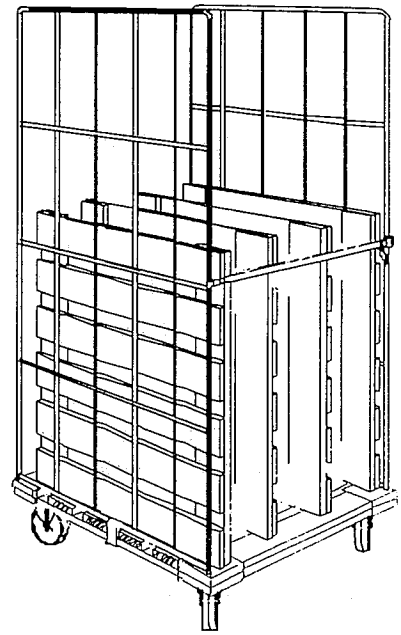

Figure 3b: Demountable style, side frame form roll container showing base frames stacked vertically ready for transport

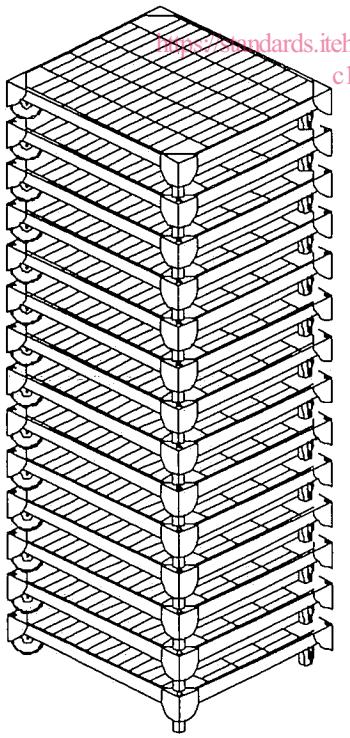

Figure 3c: Demountable syle, post form roll container showing horizontal mode of base stacking

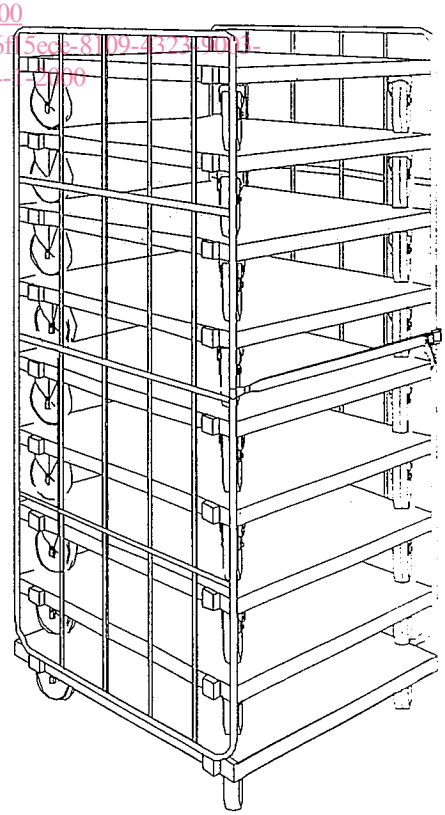

Figure 3d: Demountable style, side frame form roll container showing stack of horizontal bases retained within an erected roll container

3.2 Folding Style Roll Container

Style where, when the floor is raised, the chassis side members have the facility to pivot and fold inwards. The side frames, gates and floor, etc., come together and form a compact unit which can be placed within an erected roll container for storage or transport. This avoids loss or damage to loose parts. An example is shown in Figure 4.

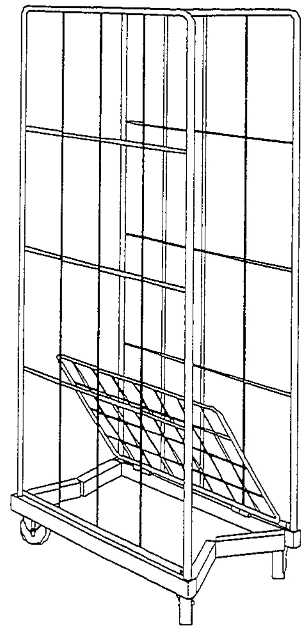

Figure 4: Folding style roll container

3.3 Nesting Style Roll Container

Style which is an alternative to the folding unit. These take various forms, the most popular being listed below:

3.3.1 Nesting style, A-Frame chassis form

3.3.1.1 Fully Folding Sides: Version 1: The chassis is basically A-shaped in plan view and nesting is achieved by folding the gates, sides and floor into the fixed back frame section. The projecting chassis can then be rolled under a similar nesting unit. Examples are shown in Figures 5a & 5b.

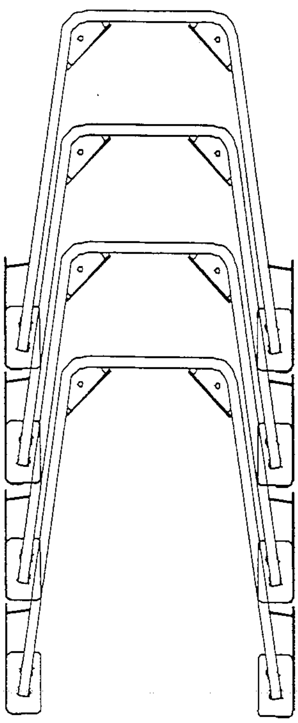

Figure 5a: Nesting style,
A-Frame chassis form (version 1), plan view

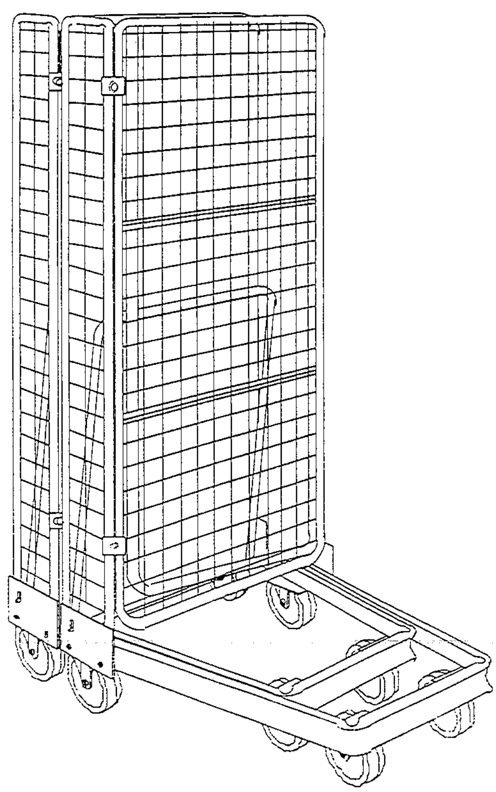

Figure 5b: Nesting style, A-Frame chassis form