



BSI Standards Publication

Stationary waste containers

Part 1: Containers with a capacity up to 10 000 l with flat or dome lid(s), for trunnion, double trunnion or pocket lifting device — Dimensions and design

This is a preview of "BS EN 12574-1:2017". [Click here to purchase the full version from the ANSI store.](#)

This British Standard is the UK implementation of EN 12574-1:2017. It supersedes BS EN 12574-1:2006 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/508/1, Waste containers and associated lifting devices on refuse collection vehicles.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Published by BSI Standards Limited 2017

ISBN 978 0 580 90167 6

ICS 13.030.40

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 28 February 2017.

Amendments/Corrigenda issued since publication

Date	Text affected
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EUROPÄISCHE NORM

February 2017

ICS 13.030.40

Supersedes EN 12574-1:2006

English Version

**Stationary waste containers - Part 1: Containers with a
capacity up to 10 000 l with flat or dome lid(s), for
trunnion, double trunnion or pocket lifting device -
Dimensions and design**

Conteneurs fixes à déchets - Partie 1 : Conteneurs de
capacité allant jusqu'à 10 000 l à couvercle(s) plat(s)
ou bombé(s), pour lève-conteneurs à préhension par
tourillons, double tourillon ou manchons - Dimensions
et conception

Stationäre Abfallsammelbehälter - Teil 1: Behälter mit
einem Volumen bis 10 000 l mit Flach- oder
Schiebedeckel(n), für Schüttungen mit
Zapfenaufnahme, Doppelzapfenaufnahme oder
Taschenaufnahme - Maße und Formgebung

This European Standard was approved by CEN on 21 November 2016.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 12574-1:2017) has been prepared by Technical Committee CEN/TC 183 "Waste management", 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 August 2017, and conflicting national standards shall be withdrawn at the latest by August 2017.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 12574-1:2006.

This European Standard is one part of the series of standards EN 12574 about "Stationary waste containers" comprising the following parts:

- Part 1: Containers with a capacity up to 10 000 l with flat or dome lid(s), for trunnion, double trunnion or pocket lifting device — Dimensions and design;
- Part 2: Performance requirements and test methods;
- Part 3: Safety and health requirements;

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

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1 Scope

This part of EN 12574 specifies dimensions and requirements of stationary waste containers (in the text also called containers) without wheels or with wheels for positioning purposes only, with flat or dome lid(s) and capacities up to 10 000 l for trunnion, double trunnion or pocket lifting devices.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1501-5, *Refuse collection vehicles - General requirements and safety requirements - Part 5: Lifting devices for refuse collection vehicles*

EN 12574-2:2017, *Stationary waste containers - Part 2: Performance requirements and test methods*

EN 12574-3:2017, *Stationary waste containers - Part 3: Safety and health requirements*

EN 840-1:2012, *Mobile waste and recycling containers - Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices - Dimensions and design*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

NOTE Terms for components of waste containers and lifting devices in three languages are given in Annex A of EN 840-1:2012.

3.1

stationary waste container

appropriately designed container without wheels or fitted with them, for positioning empty containers only, to temporarily store waste

3.2

lifting device

structure which picks-up, tilts and empties containers into the RCV (Refuse Collection Vehicle) and returns the container to the ground

3.3

trunnion lifting device

lifting device in which the picking-up system of the RCV consists of a pair of arms with automatic locking mechanism to fit the trunnion to retain the container during emptying

3.4

double trunnion lifting device

lifting device in which the picking-up system of the RCV consists of a pair of arms with automatic locking mechanism to fit the trunnions and to retain the container during emptying

Note 1 to entry: The double trunnion picking-up system supports the torsional moment during the tilting motion.