

Mobile waste containers —

Part 2: Containers with 4 wheels with a capacity up to 1 300 l with flat lid(s), for trunnion and/or comb lifting devices — Dimensions and design

The European Standard EN 840-2:2004 has the status of a
British Standard

ICS 13.030.40

National foreword

This British Standard is the official English language version of EN 840-2:2004. It supersedes BS EN 840-2:1997 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee B/508, Waste management, to Subcommittee B/508/1, Waste containers and associated lifting devices, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 18 March 2004

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 17 and a back cover.

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Amendments issued since publication

Amd. No.	Date	Comments

© BSI 18 March 2004

ISBN 0 580 43568 7

English version

**Mobile waste containers - Part 2: Containers with 4 wheels with
a capacity up to 1 300 l with flat lid(s), for trunnion and/or comb
lifting devices - Dimensions and design**

Conteneurs roulants à déchets - Partie 2: Conteneurs à 4
roues de capacité jusqu'à 1300 l à couvercle(s) plat(s),
pour lève-conteneurs par tourillon et/ou à peigne -
Dimensions et conception

Fahrbare Abfallsammelbehälter - Teil 2: Behälter mit 4
Rädern und einem Nennvolumen bis 1300 l mit
Flachdeckel(n), für Zapfenaufnahme und/oder für
Kammshüttungen - Maße und Formgebung

This European Standard was approved by CEN on 10 December 2003.

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.

CEN members are the national standards bodies of 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.



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Foreword

This document (EN 840-2:2004) 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 September 2004, and conflicting national standards shall be withdrawn at the latest by September 2004.

This document supersedes EN 840-2:1997.

This draft European Standard is one part of the series of standards of EN 840 about "Mobile waste containers" comprising the following Parts:

- Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices - Dimensions and design.
- Part 2: Containers with 4 wheels with a capacity up to 1 300 l with flat lid(s), for trunnion and/or comb lifting devices - Dimensions and design.
- Part 3: Containers with 4 wheels with a capacity up to 1 300 l with dome lid(s), for trunnion and/or comb lifting devices - Dimensions and design.
- Part 4: Containers with 4 wheels with a capacity up to 1 700 l with flat lid(s), for wide trunnion or BG and/or wide comb lifting devices - Dimensions and design.
- Part 5: Performance requirements and test methods.
- Part 6: Safety and health requirements.

Annexes A and B are informative.

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.

1 Scope

This European Standard specifies dimensions and design requirements of mobile waste containers with 4 wheels, with flat lid(s) and capacity up to 1300 l to be used by trunnion and/or comb lifting device.

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 840-1:2001, *Mobile waste containers – Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices - Dimensions and design.*

EN 840-5, *Mobile waste containers – Part 5: Performance requirements and test methods.*

EN 840-6:2004, *Mobile waste containers – Part 6: Safety and health requirements.*

EN 1501-1, *Refuse collection vehicles and their associated lifting devices – General requirements and safety requirements – Part 1: Rear-end loaded refuse collection vehicles.*

EN ISO 11469, *Plastics Generic identification and marking of plastics products (ISO 11469:2000).*

3 Terms and definitions

Terms for components of mobile waste containers and lifting devices in three languages are given in annex A of EN 840-1:2004.

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

3.1

mobile waste container

appropriately designed container fitted with wheels intended to temporarily store waste

3.2

lifting device

structure which picks-up, tilts and empties containers

3.3

comb lifting device

lifting device in which the picking-up system consists of a row of teeth and a locking system to retain the container during emptying

3.4

trunnion lifting device

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

3.5

volume

total space inside the container when the lid is closed (see Table 1)