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STANDARD

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MOBILE WASTE CONTAINERS - PART 1: CONTAINERS WITH 2 WHEELS WITH A CAPACITY UP TO 400 L FOR COMB LIFTING DEVICES, DIMENSIONS AND DESIGN

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English version

Mobile waste containers - Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices, dimensions and design

Conteneurs roulants à déchets - Partie 1: Conteneurs à 2 roues de capacité jusqu'à 400 l pour lève-conteneurs à peigne - Dimensions et conception

Fahrbare Abfallsammelbehälter - Teil 1: Behälter mit 2 Rädern und einem Nennvolumen bis 400 l für Kammschüttungen - Maße und Formgebung

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

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Foreword

This document (EN 840-1:2004) 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of an identical text or by endorsement, at the latest by September 2004, and conflicting national standards shall be withdrawn at the latest by September 2004.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 840-1:1997.

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 device – Dimensions and design.

Part 5: Performance requirements and test methods.

Part 6: Safety and health requirements.

Annexes A, B and C 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.

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1 Scope

This European Standard specifies dimensions and design requirements of mobile waste containers with 2 wheels, with capacity up to 400 l to be used by comb lifting devices.

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

EN 840-6, *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.

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

3.5
nominal volume
volume stated by the manufacturer (see Table 1 without tolerances)

3.6
capacity
for the purpose of this standard nominal volume and capacity are deemed to be the same

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