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NSAI Standards

Irish Standard
I.S. EN 840-3:2020

Mobile waste and recycling containers - 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

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I.S. EN 840-3:2020

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National Foreword

I.S. EN 840-3:2020 is the adopted Irish version of the European Document EN 840-3:2020, Mobile waste and recycling containers - 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

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 840-3

April 2020

ICS 13.030.40

Supersedes EN 840-3:2012

English Version

Mobile waste and recycling containers - 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

Conteneurs roulants à déchets et de recyclage - Partie 3 : Conteneurs à 4 roues de capacité inférieure ou égale à 1 300 l à couvercle(s) bombé(s), pour lève-conteneurs par tourillon et/ou à peigne - Dimensions et conception

Fahrbare Abfall- und Wertstoffbehälter - Teil 3: Behälter mit 4 Rädern und einem Nennvolumen bis 1 300 l mit Schiebedeckel(n), für Schüttungen mit Zapfenaufnahme und/oder für Kammschüttungen - Maße und Formgebung

This European Standard was approved by CEN on 7 October 2019.

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European foreword

This document (EN 840-3:2020) 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of an identical text or by endorsement, at the latest by October 2020, and conflicting national standards shall be withdrawn at the latest by October 2020.

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 840-3:2012.

The main changes compared to the previous edition are listed below:

a) Figure 2 "System dimensions design B (type plastic)" and Figure 3 "System dimensions design C (type metal)" have been updated;

b) Figure 9 "Handles above trunnion (type metal)" and Figure 10 "Functional dimension for frontal receivers" have been added;

c) former Annex A "Recommendations for manufacturers of lifting devices" has been deleted;

d) document has been editorially revised and adapted to the new design rules.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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1 Scope

This document specifies dimensions and design requirements of mobile waste and recycling containers with 4 wheels, with dome lid(s) and capacity up to 1 300 l to be used by trunnion and/or comb lifting device.

These containers are only approved for the before explicitly mentioned lifting devices.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

EN 840-6, *Mobile waste and recycling containers — Part 6: Safety and health requirements*

EN 1501-5:—[1], *Refuse collection vehicles — General requirements and safety requirements — Part 5: Lifting devices for refuse collection vehicles*

EN ISO 11469, *Plastics - Generic identification and marking of plastics products (ISO 11469)*

3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at http://www.electropedia.org/
- ISO Online browsing platform: available at https://www.iso.org/obp

NOTE Terms for components of mobile waste containers and lifting devices in three languages are given in Annex A of EN 840-1:2020.

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

[1] Under preparation. Stage at the time of publication: FprEN 1501-5.

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