

AS 4123.2:2024



STANDARDS
Australia



Mobile waste and recycling containers

Part 2: Containers with four wheels and a capacity from 500 L to 1 200 L with flat lid(s), for lifting devices — Dimensions and design



AS 4123.2:2024

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- Australian Industry Group
- Victorian Waste Management Association
- Waste Contractors and Recyclers Association of NSW
- Waste Management and Resource Recovery Association of Australia
- Waste Recycling Industry of Queensland

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Preface

This Standard was prepared by Standards Australia Committee PL-047, Mobile Waste and Recycling Containers, to supersede AS 4123.2—2008, *Mobile waste containers, Part 2: Containers with four wheels with a capacity from 500 L to 1200 L with flat lid(s), for trunnion and/or lifting devices — Dimensions and design*.

The objective of this document is to provide minimum requirements for the dimensions and design of mobile waste and recycling containers that have four wheels, a flat lid and a capacity from 500 L to 1 200 L that are used with comb lifting devices. This does not include front lift, mini skips or other material handling bins.

This document is part of a series of Standards on the design, safety and performance of mobile waste and recycling containers and associated lifting devices. A list of all parts in the AS 4123 series can be found in the Standards Australia online catalogue.

The major changes in this edition are as follows:

- (a) The name of the document has been changed to include recycling containers.
- (b) All external references have been updated.
- (c) Figures and tables have been updated.

This document should not be regarded as a design specification or as an instruction manual.

The terms “normative” and “informative” are used to define the application of the appendix to which they apply. A normative appendix is an integral part of a Standard, whereas an informative appendix is only for information and guidance.

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NOTES

Australian Standard®

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Part 2: Containers with four wheels and a capacity from 500 L to 1 200 L with flat lid(s), for lifting devices — Dimensions and design

1 Scope

This document specifies minimum dimensions and design requirements for mobile waste and recycling containers that have four wheels, a flat lid and a capacity from 500 L to 1 200 L and are to be used with comb lifting devices.

This document does not apply to front lift, mini skips or other material handling bins.

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.

NOTE Documents referenced for informative purposes are listed in the Bibliography.

AS 4123.5, *Mobile waste and recycling containers, Part 5: Performance requirements and test methods*

AS 4123.6, *Mobile waste and recycling containers, Part 6: Health, safety and environment*

AS 4123.7, *Mobile waste and recycling containers, Part 7: Colours, markings and designation requirements*

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:

- (a) IEC Electropedia available at <http://www.electropedia.org>
- (b) ISO online browsing platform available at <http://iso.org>

3.1

capacity

total space inside the container when the lid is closed

3.2

container

appropriately designed mobile waste and recycling container, fitted with wheels, intended to temporarily store waste and recyclables

3.3

functional and safety dimensions

essential dimensions which ensure the functionality and interchangeability of the container with the compatible lifting device and which are necessary for the operator's safety and health

3.4

lifting device

device that picks up, locates, aligns, securely locks, tilts, empties waste container into the hopper and returns it to the ground

<comb> device that utilizes a pick-up system (consisting of a row of teeth) to lock the system and retain the container from the front during emptying