
**Industrial trucks — Verification of
stability —**

**Part 4:
Pallet stackers, double stackers and
order-picking trucks with operator
position elevating up to and including
1 200 mm lift height**

Chariots de manutention — Vérification de la stabilité —

*Partie 4: Chariots à fourche recouvrante, chariots à double fourche
et chariots préparateurs de commandes avec un poste de conduite
élevable ayant une hauteur de levée de 1 200 mm inclus*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 110, *Industrial trucks*, Subcommittee SC 2, *Safety of powered industrial trucks*.

This second edition cancels and replaces the first edition (ISO 22915-4:2009), which has been technically revised. It also incorporates the Amendment ISO 22915-4:2009/Amd 1:2013.

The main changes compared to the previous edition are as follows:

- the wording of [4.2.3](#) is revised editorially for better comprehensibility;
- several drawings in [Table 1](#) are redrawn for better comprehensibility.

A list of all parts in the ISO 22915 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Industrial trucks — Verification of stability —

Part 4:

Pallet stackers, double stackers and order-picking trucks with operator position elevating up to and including 1 200 mm lift height

1 Scope

This part of ISO 22915 specifies tests for verifying the stability of

- pallet stackers,
- double stackers, and
- order-picking trucks with an operator position elevating up to and including 1 200 mm lift height, measured from the ground to the floor of the platform.

It is applicable to these types of industrial truck, whether with tilting or non tilting masts or fork arms, having a rated capacity up to and including 5 000 kg.

It is also applicable to such trucks operating under the same conditions when equipped with load-handling attachments and to order-picking trucks with an elevating operator's position up to and including 1 200 mm lift height when equipped with an additional load lifting device(s).

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.

ISO 5053-1, *Industrial trucks — Terminology and classification — Part 1: Types of industrial trucks*

ISO 22915-1, *Industrial trucks — Verification of stability — Part 1: General*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 5053-1 and ISO 22915-1 apply.

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

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

4 Test conditions

4.1 General

See ISO 22915-1.