



BSI Standards Publication

Industrial trucks — Verification of stability

Part 16: Pedestrian-propelled trucks

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National foreword

This British Standard is the UK implementation of ISO 22915-16:2024. It supersedes BS ISO 22915-16:2014, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MHE/7, Industrial trucks.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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ISO 22915-16

Industrial trucks — Verification of stability —

Part 16:
Pedestrian-propelled trucks

*Chariots de manutention — Vérification de la stabilité —
Partie 16: Chariots à conducteur à propulsion manuelle*

**Second edition
2024-06**

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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 22915-16:2014), which has been technically revised.

The main changes are as follows:

- in the Scope, for scissor-lift pallet trucks with lift heights up to 1 000 mm, the rated capacity has been increased to 1 500 kg;
- in the Scope, "straddle" has been replaced with "stacker" and "platform stacker" has been replaced by "pallet stacker" (in accordance with ISO 5053-1);
- in [Table 3](#), the figure at the bottom right for lateral test (i.e., non-articulated, non-sprung castor wheel axle turned towards load axle C–C and parallel with X–Y), has been updated.

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

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Industrial trucks — Verification of stability —

Part 16: Pedestrian-propelled trucks

1 Scope

This document specifies tests for verifying the stability of pedestrian-propelled trucks.

It is applicable to:

- stacker, pallet and pallet stacker trucks with capacities not exceeding 1 000 kg, with manual or battery-powered lift;
- scissor-lift pallet trucks with lift heights up to 1 000 mm and rated capacity up to 1 500 kg, with manual or battery-powered lift;
- platform trucks.

It also applies to trucks operating under the same conditions when equipped with load-handling attachments.

It is not applicable to trucks with retractable devices such as a retractable mast or retractable fork carrier.

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 3691-5:2014, *Industrial trucks — Safety requirements and verification — Part 5: Pedestrian-propelled trucks*

ISO 5053-1, *Industrial trucks — Vocabulary — 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 terminology databases for use in standardization at the following addresses:

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

4 Requirements

4.1 General

ISO 22915-1 shall apply.