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Interested committees:

Title: Draft BS EN 16842-11 BS Powered industrial trucks - Visibility - Test methods and verification. Part 11: Pallet stacking trucks (rider controlled).

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- i) has any issues related to 3rd party IPR, patent or copyright
- ii) affects other national standard(s)
- iii) requires additional national guidance or information

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

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Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

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- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	

April 2025

ICS 53.060

English Version

Powered industrial trucks - Visibility - Test methods and
verification - Part 11: Pallet stacking trucks (rider
controlled)

Chariots de manutention automoteurs - Visibilité -
Méthode d'essai et vérification - Partie 11 : Chariot à
fourche (conducteur porté)

Kraftbetriebene Flurförderzeuge - Sichtverhältnisse -
Prüfverfahren und Verifikation - Teil 11:
Gabelhochhubwagen (Mitfahrer bedient)

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 150.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (prEN 16842-11:2025) has been prepared by Technical Committee CEN/TC 150 “Industrial Trucks – Safety”, the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

This document is intended to be used in combination with the requirements in EN 16842-1. The EN 16842 series consists of the following parts under the general title “Powered industrial trucks – Visibility – Test methods and verification”:

- part 1: General requirements;
- part 2: Sit-on counterbalance trucks and rough terrain masted trucks up to and including 10 000 kg capacity;
- part 3: Reach trucks up to and including 10 000 kg capacity;
- part 4: Industrial variable reach trucks up to and including 10 000 kg capacity;
- part 5: Industrial variable reach trucks greater than 10 000 kg capacity;
- part 6: Sit-on counterbalance trucks and rough terrain masted trucks greater than 10 000 kg capacity;
- part 7: Variable reach and masted container trucks handling freight containers of 6 m (20 ft) length and longer;
- part 8: Stand on counterbalance trucks up to and including 10 000 kg capacity;
- part 9: Order-picking, lateral- and front-stacking trucks with elevating operator position;
- part 10: Towing and pushing tractors and burden carrier;
- part 11: Pallet stacking trucks (rider-controlled).

It is intended to develop the parts related to the following machinery:

- single side loader;
- multi-directional forklift truck;
- non-stacking low-lift straddle carrier (as defined in ISO 5053-1:2020, 3.18);
- stacking high-lift straddle carrier (as defined in ISO 5053-1:2020, 3.19).

1 Scope

This document specifies the requirements and test procedures for 360° visibility of self-propelled industrial rider-controlled pallet-stacking trucks in accordance with ISO 5053-1 (herein after referred to as trucks), without a load and it is intended to be used in conjunction with EN 16842-1.

This document also applies to pedestrian controlled trucks with foldable platform when used in ride-on mode.

Pedestrian-controlled and pedestrian-propelled trucks are not covered by this document.

Where specific requirements in this part are modified from the general requirements in EN 16842-1, the requirements of this part are truck specific and intended to be used for self-propelled industrial stand-on pallet-stacking trucks.

This part of EN 16842 deals with all significant hazards, hazardous situations or hazardous events relevant to the visibility of the operator for applicable machines when used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer.

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 16842-1:2018, *Powered industrial trucks — Visibility — Test methods and verification — Part 1: General requirements*

EN ISO 3691-1:2015,¹ *Industrial trucks — Safety requirements and verification — Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks (ISO 3691-1:2011, including Cor 1:2013)*

ISO 5053-1:2020, *Industrial trucks — Vocabulary — Part 1: Types of industrial trucks*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 16842-1:2018, ISO 5053-1:2020 and EN ISO 3691-1:2015 and the following apply.

NOTE Definition 3.1 of EN 16842-1:2018 is not applicable for stand-on straddle trucks covered by this part.

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/>

3.1

truck profile

<for stand on straddle trucks> contour which is determined by the largest rectangular width and length parallel to the longitudinal axis of the truck, including the front vertical surface of the outriggers

Note 1 to entry: The blades of the fork arms are not taken into account.

¹ As impacted by EN ISO 3691-1:2015/AC:2016 and EN ISO 3691-1:2015/A1:2020.