

<b>STN</b>	<b>Priemyselné vozíky</b> <b>Požiadavky na bezpečnosť a overovanie</b> <b>Časť 3: Dodatočné požiadavky na vozíky so</b> <b>zdvíhacou plošinou obsluhy a vozíky špecificky</b> <b>konštruované na pojazd so zdvihnutým nákladom</b> <b>(dodatočné požiadavky k EN 16307-1)</b>	<b>STN</b> <b>EN 16307-3</b>  26 8814
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Industrial trucks - Safety requirements and verification - Part 3: Supplementary requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (additional requirements to EN 16307-1)

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 04/23

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EUROPEAN STANDARD

EN 16307-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2023

ICS 53.060

English Version

**Industrial trucks - Safety requirements and verification -  
Part 3: Supplementary requirements for trucks with  
elevating operator position and trucks specifically  
designed to travel with elevated loads (additional  
requirements to EN 16307-1)**

Chariots de manutention - Exigences de sécurité et vérification - Partie 3 : Exigences supplémentaires pour chariots avec poste de conduite éleuable et pour chariots spécialement conçus pour une conduite avec des charges en élévation (exigences complémentaires à l'EN 16307-1)

Flurförderzeuge - Sicherheitstechnische Anforderungen und Verifizierung - Teil 3: Zusätzliche Anforderungen für Flurförderzeuge mit hebbarem Fahrerplatz und Flurförderzeuge, die zum Fahren mit angehobener Last ausgelegt sind (zusätzliche Anforderungen zu EN 16307-1)

This European Standard was approved by CEN on 9 January 2023.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists 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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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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**EN 16307-3:2023 (E)**

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## European foreword

This document (EN 16307-3:2023) has been prepared by Technical Committee CEN/TC 150 “Industrial trucks - Safety”, the secretariat of which is held by BSI.

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 September 2023, and conflicting national standards shall be withdrawn at the latest by September 2024.

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.

The EN 16307 series, under the general title *Industrial trucks — Safety requirements and verification*, consists of the following parts:

- *Part 1: Supplementary requirements for self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks;*
- *Part 2: Supplementary requirements for self-propelled variable-reach trucks;*
- *Part 3: Supplementary requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (additional requirements to EN 16307-1);*
- *Part 5: Supplementary requirements for pedestrian-propelled trucks;*
- *Part 6: Supplementary requirements for burden and personnel carriers.*

This document is intended to be used with:

- EN ISO 3691-1:2015<sup>1</sup>, *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)*; and
- EN ISO 3691-3:2016<sup>2</sup>, *Industrial trucks — Safety requirements and verification — Part 3: Additional requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (ISO 3691-3:2016)*; and
- EN 16307-1:2020, *Industrial trucks — Safety requirements and verification — Part 1: Supplementary requirements for self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks.*

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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, Türkiye and the United Kingdom.

**EN 16307-3:2023 (E)****Introduction**

This document is a type-C standard as stated in EN ISO 12100:2010.

This document is of relevance, in particular, for the following stakeholder groups representing the market players with regard to machinery safety:

- machine manufacturers (small, medium and large enterprises);
- health and safety bodies (regulators, accident prevention organizations, market surveillance, etc.).

Others can be affected by the level of machinery safety achieved with the means of the document by the above-mentioned stakeholder groups:

- machine users/employers (small, medium and large enterprises);
- machine users/employees (e.g. trade unions, organizations for people with special needs);
- service providers, e.g. for maintenance (small, medium and large enterprises).

The above-mentioned stakeholder groups have been given the possibility to participate at the drafting process of this document.

The machines concerned and the extent to which hazards, hazardous situations or hazardous events are covered are indicated in the Scope of this document.

When requirements of this type-C standard are different from those which are stated in type-A or type B standards, the requirements of this type-C standard take precedence over the requirements of the other standards for machines that have been designed and built according to the requirements of this type-C standard.

The EN 16307 series of standards covers safety requirements and their verification for industrial trucks as defined in ISO 5053-1:2020 that are not covered exhaustively by the EN ISO 3691 series.

## 1 Scope

This document specifies requirements for the types of industrial trucks specified in the scope of EN ISO 3691-3:2016<sup>2</sup>.

This document is intended to be used in conjunction with EN ISO 3691-3:2016<sup>2</sup>. These requirements are supplementary to those stated in EN ISO 3691-3:2016<sup>2</sup>.

This document deals with the following significant hazards, hazardous situations or hazardous events relevant when it is used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer:

- acceleration, deceleration (kinetic energy);
- machinery mobility.

This document specifies supplementary requirements to EN ISO 3691-1:2015<sup>1</sup>, EN ISO 3691-3:2016<sup>2</sup> and EN 16307-1:2020:

- brakes operation without guidance system;
- operator fall protection;
- information for use (instruction handbook and marking).

Annex A (informative) contains the list of significant hazards covered by this document.

## 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 360, *Personal protective equipment against falls from a height — Retractable type fall arresters*

EN 361, *Personal protective equipment against falls from a height — Full body harnesses*

EN 363, *Personal fall protection equipment — Personal fall protection systems*

EN ISO 3691-1:2015<sup>1</sup>, *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)*

EN ISO 3691-3:2016<sup>2</sup>, *Industrial trucks — Safety requirements and verification — Part 3: Additional requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (ISO 3691-3:2016)*

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

ISO 6292:2020, *Powered industrial trucks and tractors — Brake performance and component strength*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**

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<sup>1</sup> As impacted by EN ISO 3691-1:2015/A1:2020.

<sup>2</sup> As impacted by EN ISO 3691-3:2016/A1:2023.