



BSI Standards Publication

Rough-terrain trucks — Safety requirements and verification

Part 9: Variable-reach trucks equipped with work platforms having a front guard that can be opened

National foreword

This British Standard is the UK implementation of EN 1459-9:2021.

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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Amendments/corrigenda issued since publication

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English Version

Rough-terrain trucks - Safety requirements and verification - Part 9: Variable-reach trucks equipped with work platforms having a front guard that can be opened

Chariots tout-terrain - Prescriptions de sécurité et vérification - Partie 9 : Chariots à portée variable équipés de plateformes de travail munies d'un protecteur avant qui peut être ouvert

Geländegängige Stapler - Sicherheitstechnische Anforderungen und Verifizierung - Teil 9: Anforderungen an Stapler mit veränderlicher Reichweite mit Arbeitsbühnen, deren Frontschutzbügel geöffnet werden können

This European Standard was approved by CEN on 22 February 2021.

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European foreword

This document (EN 1459-9:2021) 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of an identical text or by endorsement, at the latest by September 2021, and conflicting national standards shall be withdrawn at the latest by September 2021.

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.

EN 1459 consists of the following parts, under the general title *Rough-terrain trucks — Safety requirements and verification*:

- *Part 1: Variable-reach trucks;*
- *Part 2: Slewing variable-reach trucks;*
- *Part 3: Interface between the variable-reach truck and the work platform;*
- *Part 4: Additional requirements for variable-reach trucks handling freely suspended loads;*
- *Part 5: Attachment interface;*
- *Part 6: Application of EN ISO 13849-1 to slewing and non-slewing variable-reach rough-terrain trucks (Technical Report);*
- *Part 8: Variable-reach tractors (Technical Specification);*
- *Part 9: Variable-reach trucks equipped with work platforms having a front guard that can be opened.*

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Introduction

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

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);
- consumers (in case of machinery intended for use by consumers).

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

The machinery 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.

All quantities are in metric units.

For work platforms with front guards that can be opened, restraint devices (harness and lanyard) are used as personal protective equipment (PPE) and are intended to be the protection against the risk of falling; to reach this objective, requirements related to the length of the harness have been specified. Also, protective measures are consequently provided in this document assuming that not connecting harness to lanyard or lanyard to anchorage on the work platform is a foreseeable misuse, therefore requirements related to monitoring the harnesses have been specified. It is also assumed that not wearing harness is a foreseeable misuse, and warnings and information for use are required accordingly.

Work platforms having a front guard that can be opened at height are not intended for general work activities and should only be used where they can be demonstrated to be the safest work method possible for an activity.

EN 1459-9 covers platforms for roof material removal. It does not cover other platforms for other roofs activities, which can have different technical solutions to cover the risk of falling.