
**Rough-terrain trucks — Safety
requirements and verification —**

**Part 5:
Interface between rough-terrain
truck and integrated personnel work
platform**

Chariots tout-terrain — Exigences de sécurité et vérification —

*Partie 5: Interface entre chariot tout-terrain et plateforme de travail
intégrée du personnel*



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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).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 110, *Industrial trucks*, Subcommittee SC 4, *Rough-terrain trucks*.

ISO 10896 consists of the following parts, under the general title *Rough-terrain trucks — Safety requirements and verification*:

- *Part 1: Variable-reach trucks*
- *Part 2: Slewing trucks*
- *Part 4: Additional requirements for variable-reach trucks handling freely suspended loads*
- *Part 5: Interface between rough-terrain truck and integrated personnel work platform*
- *Part 6: Tilting operator's cabs*

The following part is under preparation:

- *Part 7: Longitudinal load moment systems*

Lorry-mounted trucks are to form the subject of future part 3.

Introduction

This part of ISO 10896 only deals with the interface between a variable-reach rough-terrain truck and an integrated personnel work platform, which in this case is considered as interchangeable equipment.

Rough-terrain trucks — Safety requirements and verification —

Part 5:

Interface between rough-terrain truck and integrated personnel work platform

1 Scope

This part of ISO 10896 defines design and safety requirements, and means for their verification, for the interface between a non-slewing or slewing variable-reach rough-terrain truck (hereafter referred to as “trucks”) and an integrated personnel work platform (hereafter referred to as “integrated PWP”).

This part of ISO 10896 does not address the design or safety requirements related to the personnel work platform itself. These requirements are covered within national and international standards for mobile elevating work platforms.

Personnel work platforms without control(s) that affect movement or mechanism(s), which interlock the platform to the truck, often referred to as non-integrated work platforms, are excluded from this part of ISO 10896.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 10896-1, *Rough-terrain trucks — Safety requirements and verification — Part 1: Variable-reach trucks*

ISO 10896-2¹⁾, *Rough-terrain trucks — Safety requirements and verification — Part 2: Slewing trucks*

ISO 12100, *Safety of machinery — General principles for design — Risk assessment and risk reduction*

ISO 13849-1:2006, *Safety of machinery — Safety-related parts of control systems — Part 1: General principles for design*

ISO 16368, *Mobile elevating work platforms — Design, calculations, safety requirements and test methods*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 10896-1, ISO 10896-2, ISO 12100 and the following apply.

3.1

interlocking device

mechanical, electrical or other type of device, the purpose of which is to prevent the operation of hazardous machine functions under specified conditions (generally as long as a guard is not closed)

[SOURCE: ISO 12100:2010, 3.28.1 — modified]

1) To be published.