INTERNATIONAL STANDARD

ISO 11525-2

First edition
2015-10-15

Rough-terrain trucks — User requirements —

Part 2: Slewing variable-reach trucks

Chariots tout-terrain — Exigences pour l'utilisateur —

Partie 2: Chariots rotatifs à portée variable

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Reference number
ISO 11525-2:2015(E)

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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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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 11525 consists of the following parts, under the general title *Rough-terrain trucks — User requirements*:

— *Part 1: General requirements*

— *Part 2: Slewing variable-reach 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*

User requirements for lorry-mounted trucks are to form the subject of a future part 2 of ISO 20297.

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Introduction

This International Standard is one of a set of standards produced by ISO/TC 110/SC 4 as part of its programme of work regarding standardization of terminology, general safety, performance and user requirements for rough-terrain trucks.

Slewing variable-reach trucks (as defined in ISO 10896-2) are known by a variety of terms including "rotating telehandlers" and "multi-purpose rotating handlers".

For unique applications, these trucks can be equipped with a variety of attachments (e.g. jibs, winches, jibs with winch and clamp, mowers, sweepers).

Additional user requirements for variable-reach trucks handling freely suspended loads are covered in ISO 11525-4.

Users need to take into consideration that certain features and characteristics of these trucks are unique and require specific methods for use and training of operators. In addition to general user requirements, these specific methods are also covered in this part of ISO 11525.

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Rough-terrain trucks — User requirements —

Part 2: Slewing variable-reach trucks

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1 Scope

This part of ISO 11525 gives specific requirements relating to the use of slewing variable-reach rough-terrain trucks (hereafter referred to as trucks), as defined in ISO 10896-2.

It is intended to achieve the following:

a) the prevention of personal injuries, property damage and accidents;

b) the establishment of criteria for inspection, maintenance, operation and training.

For general user requirements for (non-slewing) variable-reach trucks, refer to ISO 11525-1.

For additional user requirements for variable-reach trucks handling freely suspended loads, refer to ISO 11525-4.

National or local requirements can apply, which could be more stringent.

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 5057, *Industrial trucks — Inspection and repair of fork arms in service on fork-lift trucks*

ISO 11525-1, *Rough-terrain trucks — User requirements — Part 1: General requirements*

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

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 11525-1 and ISO 10896-2 and the following apply.

3.1
authorized person
person approved or assigned to perform a specific task or tasks at a specific location or locations at a worksite

3.2
examiner
competent person (3.7) who tests the competency of the *trainee* (3.11)

3.3
maintenance
act of upkeep, including inspection, lubrication, cleaning, adjustment and scheduled parts replacement

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