BS ISO 11525-2:2015

BSI Standards Publication

Rough-terrain trucks — User requirements

Part 2: Slewing variable-reach trucks

bsi.

...making excellence a habit.™

Document Sharing Hub

National foreword

This British Standard is the UK implementation of ISO 11525-2:2015.

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 secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2015.
Published by BSI Standards Limited 2015

ISBN 978 0 580 83371 7

ICS 53.060

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 November 2015.

Amendments/corrigenda issued since publication#

Date	Text affected

Documents
Document Sharing Hub

Full document details: BS ISO 11525-2:2015

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

Reference number
ISO 11525-2:2015(E)

Documents
Document Sharing Hub

© ISO 2015

Full document details: BS ISO 11525-2:2015

COPYRIGHT PROTECTED DOCUMENT

© ISO 2015, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

© ISO 2015 – All rights reserved

Documents
Document Sharing Hub

Full document details: BS ISO 11525-2:2015

Contents

Page

Foreword ..... **iv**
Introduction ..... **v**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 General safety requirements **3**
4.1 Principles 3
4.2 Operator's manual 3
4.3 Modifications or alterations 3
4.4 Manufacturer's bulletins 4
4.5 Operator qualifications 4
4.6 Operator's responsibility for training 4
4.7 Operator training 4
4.7.1 Operator training programme 4
4.7.2 Testing, retraining and enforcement 6
4.8 Inspection and maintenance 8
4.8.1 General 8
4.8.2 Preparation for inspection or repair 8
4.8.3 Performance checks 8
4.8.4 Inspection and maintenance precautions 9
4.8.5 Inspection and maintenance requirements 9
4.9 Hazardous environments 10
5 Operating safety rules and precautions **10**
5.1 Operator's responsibility for safety 10
5.2 Visual inspection and functional tests 11
5.3 General operating instructions 12
5.4 Travelling 13
5.5 Picking and placing loads 14
5.6 Using attachments 15
Bibliography **17**

© ISO 2015 – All rights reserved

Documents
Document Sharing Hub
Full document details: BS ISO 11525-2:2015

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.

© ISO 2015 – All rights reserved
Documents
Document Sharing Hub
Full document details: BS ISO 11525-2:2015

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.

© ISO 2015 – All rights reserved

Documents
Document Sharing Hub
Full document details: BS ISO 11525-2:2015

Documents
Document Sharing Hub

INTERNATIONAL STANDARD ISO 11525-2:2015(E)

Rough-terrain trucks — User requirements —

Part 2: Slewing variable-reach trucks

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

© ISO 2015 – All rights reserved

Documents
Document Sharing Hub
Full document details: BS ISO 11525-2:2015