



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 38055.4-2021

**Rough-terrain trucks - User requirements - Part 4: Additional
requirements for variable-reach trucks handling freely
suspended loads**

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foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules of Standardization Documents" drafted:

This document is part 4 of GB/T 38055 "Requirements for users of off-road forklifts": GB/T 38055 has released the following part:

- Part 1: General requirements;
- Part 4: Additional requirements for suspending freely swingable load telescopic forklifts;
- Part 5: Connecting devices for telehandlers and integrated personnel work platforms:

This document is equivalent to ISO 11525-4:2016 "Requirements for users of off-road forklifts - Part 4: Suspended freely swingable load extension

Additional requirements for telescopic forklifts":

Please note that some content of this document may be patented: The issuing agency of this document assumes no responsibility for identifying patents:

Introduction

With its unique structure and various attachments, off-road forklifts can be used for many different types of vehicles:

With the increasing use of forklifts, it is necessary to standardize the requirements for users, improve the safety during operation, and prevent personal injury, property damage and

Accidents, establish inspection, maintenance, operation and training criteria, so that the requirements for users in the use of rough terrain forklifts in my country are in line with

international standards:

GB/T 38055 aims to establish the requirements for users in the use of off-road forklifts:

GB/T 38055 "Requirements for users of off-road forklifts"

The following parts are planned to be released:

--- Part 1: General requirements: The purpose is to specify general requirements for the use of rough terrain forklifts:

--- Part 2: Slewing telescopic forklifts: The purpose is to specify the requirements for the use of slewing telehandlers:

--- Part 4: Additional requirements for suspension of freely swinging load telescopic forklifts: The purpose is to specify that the pendulum can be freely swayed using the suspension

Additional requirements for non-slewing and slewing telehandlers with dynamic loads:

--- Part 5: Connecting devices for telehandlers and integrated personnel work platforms: The purpose is to specify the use of non-rotating or returning

Requirements for connecting devices for turning off-road telehandlers and integrated work platforms:

User requirements for off-road forklifts Part 4:

Suspension of freely swinging load telescopic forklifts

Additional requirements

1 Scope

This document specifies additional requirements for the user regarding the use of non-slewing and slewing telescopic forklifts with suspended freely swinging loads:

This document is used in conjunction with ISO 11525-1 or ISO 11525-2:

When the provisions of this document are inconsistent with the provisions of ISO 11525-1 or ISO 11525-2, the provisions of this document take precedence over

Clause of ISO 11525-1 or ISO 11525-2:

This document is intended to achieve the following objectives:

- a) prevent personal injury, property damage and accidents;
- b) Determine the criteria for inspection, maintenance, operation and training:

Note: More stringent national or local requirements can be applied:

ISO 11525-1 specifies general requirements for users to use non-slewing telescopic forklifts:

ISO 11525-2 specifies general requirements for users to use slewing telescopic forklifts:

This document does not apply to flexible intermediate bulk containers as specified in ISO 21898:

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, dated citations

documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document:

ISO 10896-4 Safety requirements and verification for off-road forklifts - Part 4: Accessories for telehandlers that lift freely swinging loads

Additional requirements (Rough-terrain trucks-Safety requirements and verification-Part 4: Additional requirements

for variable-reach trucks handling freely suspended loads)

ISO 11525-1:2012 Requirements for users of off-road forklifts - Part 1: General requirements (Rough-terrain trucks-User requirements-Part 1: General requirements)

Note: GB/T 38055:1-2019 Requirements for users of off-road forklifts Part 1: General requirements (ISO 11525-1:2012, IDT)

ISO 11525-2:2015 User requirements for off-road forklifts - Part 2: Rough-terrain telescopic forklifts

trucks-User requirements-Part 2: Slewing variable-reach trucks)

ISO 16715 Cranes-Hand signals used with cranes

Note: GB/T 5082-2019 Crane Hand Signal (ISO 16715:2014, IDT)

3 Terms and Definitions

Terms and definitions defined in ISO 10896-4, ISO 11525-1, ISO 11525-2 and the following apply to this document:

3:1

fall zone falzone

The area below a lifted or suspended load or attachment: