



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

GB/T 38055.5-2021

**Rough-terrain trucks - User requirements - Part 5: Interface
between variable-reach truck and integrated personnel work
platform**

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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 5 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 uses the translation method equivalent to ISO 11525-5:2012 "Requirements for users of off-road forklifts - Part 5: Off-road forklifts and

Connecting Devices for Integral Personnel Work Platforms:

The Chinese documents that have a consistent correspondence with the international documents normatively cited in this document are as follows:

---GB/T 35205:1-2017 Safety requirements and verification of off-road forklifts - Part 1: Telescopic forklifts (ISO 10896-1:

2012, IDT)

---GB/T 35205:5-2021 Safety requirements and verification of off-road forklifts - Part 5: Telescopic forklifts and integrated personnel

Connecting devices for work platforms (ISO 10896-5:2015, IDT)

---GB/T 38055:1-2019 Requirements for users of off-road forklifts Part 1: General

requirements (ISO 11525-1:2012,
IDT)

The following editorial changes have been made to this document:

--- In order to be consistent with the existing standard series, the standard name is changed to "Requirements for users of off-road forklifts - Part 5: Telescopic boom forks

Connecting Devices for Vehicles and Integrated Personnel Work Platforms:

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" is proposed

Post the following sections:

--- 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:

If permitted, rough terrain forklifts can be fitted with an integrated or non-integrated

personnel work platform (PWP) to lift personnel and materials

to increase the working height: The connection between the forklift and the integrated PWP is an essential element for the safety of persons on the integrated PWP:

This document only relates to the connection between the off-road telehandler and the integrated personnel working platform, where the working platform is regarded as

For the replaceable device:

User requirements for installing non-integrated personnel work platforms (PWP) rough terrain forklifts are given in ISO 18479-2:

Requirements for users of off-road forklifts

Part 5: Telehandlers and Integrated Personnel

Connection device for work platform

1 Scope

This document specifies the non-slewing or slewing off-road type telescopic forklifts (hereinafter referred to as "forklifts") and integrated work platforms (hereinafter referred to as "forklifts")

"Integrated PWP") connection device requirements for users:

This document is intended to achieve the following objectives:

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

Note 1: More stringent national or local requirements can be used:

This document does not deal with the requirements for the user related to the forklift itself, nor the requirements for the user of the installed integrated work platform:

Note 2: ISO 11525-1 specifies general requirements for users to use telescopic forklifts:

Note 3: ISO 11525-2 specifies the general requirements for users to use slewing telescopic forklifts:

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 10896-1 Safety requirements and verification for off-road forklifts - Part 1: Telehandlers
(Rough-terrain trucks -

Safety requirements and verification - Part 1: Variable-reach trucks)

ISO 10896-2 Rough-terrain Forklift Safety Requirements and Verification Part 2:
Rough-terrain Forklift

trucks - Safety requirements and verification - Part 2: Slewing variable-reach trucks)

ISO 10896-5 Safety requirements and verification for off-road forklifts - Part 5: Connecting
equipment for off-road forklifts and integrated personnel work platforms

Set (Rough-terrain trucks - Safety requirements and verification - Part 5: Interface between rough-
terrain truck and integrated personnel work platform)

ISO 11525-1 User requirements for off-road forklifts - Part 1: General requirements
(Rough-terrain trucks - User re-

quirements - Part 1: General requirements)

ISO 11525-2 User requirements for off-road forklifts - Part 2: Rough-terrain trucks -
User requirements - Part 2: Slewing variable-reach trucks)

3 Terms and Definitions

Terms and definitions defined in ISO 10896-1, ISO 10896-2, ISO 10896-5, ISO 11525-1
and ISO 11525-2 apply to this

document:

4 General safety requirements

4.1 General principles and requirements

Effective management experience, safety control methods and proper rules for safety,
training, inspection, maintenance, application selection and operation should be used: