This is a free page sample. Access the full version online.

NSAI Standards

Irish Standard
I.S. EN 1459-2:2015+A1:2018

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

© CEN 2018 No copying without NSAI permission except as permitted by copyright law.

This is a free page sample. Access the full version online.

I.S. EN 1459-2:2015+A1:2018

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on:	*Published:*
EN 1459-2:2015+A1:2018	2018-10-17

This document was published under the authority of the NSAI and comes into effect on:	ICS number:
2018-11-05	53.060
	NOTE: If blank see CEN/CENELEC cover page

NSAI	T +353 1 807 3800	Sales:
1 Swift Square,	F +353 1 807 3838	T +353 1 857 6730
Northwood, Santry	E standards@nsai.ie	F +353 1 857 6729
Dublin 9	W NSAI.ie	W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

This is a free page sample. Access the full version online.

National Foreword

I.S. EN 1459-2:2015+A1:2018 is the adopted Irish version of the European Document EN 1459-2:2015+A1:2018, Rough-terrain trucks - Safety requirements and verification - Part 2: Slewing variable-reach trucks

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

For relationships with other publications refer to the NSAI web store.

Compliance with this document does not of itself confer immunity from legal obligations.

In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

This is a free page sample. Access the full version online.

This page is intentionally left blank

This is a free page sample. Access the full version online.

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 1459-2:2015+A1

October 2018

ICS 53.060

English Version

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

Chariots tout-terrain - Prescriptions de sécurité et vérification - Partie 2 : Chariots à portée variable rotatifs

Geländegängige Stapler - Sicherheitstechnische Anforderungen und Verifizierung - Teil 2: Schwenkbare Stapler mit veränderlicher Reichweite

This European Standard was approved by CEN on 17 July 2015 and includes Amendment 1 approved by CEN on 7 February 2018.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

© 2018 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 1459-2:2015+A1:2018 E

This is a free page sample. Access the full version online.

Contents

Page

European foreword ... 4

Introduction ... 5

1 Scope ... 6

2 Normative references ... 7

3 Terms and definitions ... 9

4 Safety requirements and/or protective measures ... 14
4.1 General ... 14
4.2 Starting/moving ... 15
4.3 Brakes ... 16
4.4 Electrical and electronic systems ... 16
4.5 Controls ... 17
4.6 Power systems and accessories ... 23
4.7 Stabilizing devices ... 24
4.8 Design requirements for maintenance purposes ... 27
4.9 Systems for lifting, tilting, reaching and slewing ... 27
4.10 Operator's station ... 30
4.11 Operator access ... 36
4.12 Protective measures and devices ... 37
4.13 Stability requirements ... 38
4.14 Visibility ... 38
4.15 Lighting ... 39
4.16 Fire protection ... 39
4.17 Retrieval, transportation and lifting ... 39
4.18 Noise ... 40
4.19 Electromagnetic compatibility ... 41
4.20 Elastic and rigid body stability / Structural and stability calculations ... 41

5 Verification of requirements and safety measures ... 44
5.1 General ... 44
5.2 Functional verification ... 44
5.3 Structural verification ... 44
5.4 Load holding verification ... 45
5.5 Maximum load lowering speed verification ... 45

6 Information for use ... 46
6.1 Signals and warning ... 46
6.2 Instruction handbook ... 48
6.3 Marking ... 51
6.4 Load chart ... 52

Annex A (informative) **List of significant hazards** ... 54

Annex B (informative) **Consistency of motions** ... 61

Annex C (normative) **Rules for the construction and layout of pedals** ... 62

C.1 Definitions ... 62

C.2 Requirements ... 62

SAI GLOBAL

This is a free preview. Purchase the entire publication at the link below:

Product Page

Looking for additional Standards? Visit Intertek Inform Infostore

Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation