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Carrier cycles - Part 1: Terms and definitions

EESTI STANDARDIMIS- JA AKREDITEERIMISKESKUS
ESTONIAN CENTRE FOR STANDARDISATION AND ACCREDITATION

EESTI STANDARDI EESSÕNA

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See Eesti standard EVS-EN 17860-1:2024 sisaldab Euroopa standardi EN 17860-1:2024 ingliskeelset teksti.	This Estonian standard EVS-EN 17860-1:2024 consists of the English text of the European standard EN 17860-1:2024.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
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ICS 43.150

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EUROPEAN STANDARD

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EUROPÄISCHE NORM

EN 17860-1

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Carrier cycles - Part 1: Terms and definitions

Cycles utilitaires - Partie 1 : Termes et définitions

Lastenfahrräder - Teil 1: Begriffe und Definitionen

This European Standard was approved by CEN on 14 July 2024.

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

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European foreword

This document (EN 17860-1:2024) has been prepared by Technical Committee CEN/TC 333 “Cycles”, the secretariat of which is held by UNI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2025, and conflicting national standards shall be withdrawn at the latest by March 2025.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document is part of standard series consisting of the following parts, users are invited to check which parts are applicable to their situation

— EN 17860-1:2023, *Cycles — Carrier Cycles — Part 1: Vocabulary*

— EN 17860-2:2023, *Cycles — Carrier Cycles — Part 2: Lightweight single track carrier cycles – mechanical and functional aspects*

— EN 17860-3:2023, *Cycles — Carrier Cycles — Part 3: Lightweight multi track carrier cycles – mechanical and functional aspects*

— prEN 17860-4, *Cycles — Carrier Cycles — Heavyweight multi track carrier cycles – mechanical and functional aspects*

— prEN 17860-5:2023, *Cycles — Carrier Cycles — Electrical aspects*

— prEN 17860-6, *Cycles — Carrier Cycles — Passenger transport*

— prEN 17860-7:2023, *Cycles — Carrier Cycles — Trailers*

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Introduction

This document gives terms and definitions related to requirements and test methods for carrier cycles.

This document has been developed in response to demand throughout Europe. Its aim is to provide a standard for the assessment of mechanical and electrical aspects for carrier cycles of a type which are excluded from type approval by Regulation (EU) No. 168/2013.

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1 Scope

This document specifies terms and definitions related to safety and performance requirements for the design, assembly, and testing of carrier cycles.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at https://www.iso.org/obp
- IEC Electropedia: available at https://www.electropedia.org/

3.1 Cycle type

3.1.1
bicycle
two-wheeled vehicle that is propelled solely or mainly by the muscular energy of the person on that vehicle, in particular by means of pedals

[SOURCE: EN 15194:2017, 3.2]

3.1.2
cycle
vehicle that has at least two wheels and is propelled solely or mainly by the muscular energy of the person on that vehicle, in particular by means of pedals

[SOURCE: EN 15194:2017, 3.1]

3.1.3
carrier cycle
cycle specifically for transporting goods and/or passengers

Note 1 to entry: Carrier cycles are commonly referred to as cargo bikes or delivery (bi)cycles.

3.1.4
electrically power assisted cycle
EPAC
cycle, equipped with pedals and an auxiliary electric motor, which cannot be propelled exclusively by means of this auxiliary electric motor, except in the start-up assistance mode

[SOURCE: EN 15194:2017, 3.3]

3.1.5
single track
with wheels in line

3.1.6
multi track
with wheels not in line

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