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Carrier Cycles - Part 6: Passenger transport

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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Carrier Cycles - Part 6: Passenger transport

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This European Standard was approved by CEN on 11 August 2025.

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.

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EN 17860-6:2025 (E)**European foreword**

This document (EN 17860-6:2025) 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of an identical text or by endorsement, at the latest by April 2026, and conflicting national standards shall be withdrawn at the latest by April 2026.

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 17860-1:2024, *Carrier Cycles — Part 1: Terms and definitions*
- EN 17860-2:2024, *Carrier Cycles — Part 2: Lightweight single track carrier cycles – Mechanical aspects*
- EN 17860-3:2024, *Carrier Cycles — Part 3: Lightweight multi track carrier cycles – Mechanical aspects*
- EN 17860-4:2025, *Carrier Cycles — Part 4: Heavyweight multi track carrier cycles – Mechanical and functional aspects*
- EN 17860-5:2024, *Carrier Cycles — Part 5: Electrical aspects*
- EN 17860-6:2025, *Carrier Cycles — Part 6: Passenger transport*
- EN 17860-7:2024, *Carrier Cycles — Part 7: Cargo trailers*

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Introduction

This document gives requirements and test methods for transportation of passengers on a carrier cycle.

Because of the diversity of geometries and solutions of carrier cycles not all requirements and test methods in this document may apply to every carrier cycle.

Experts in the field of passive safety and ergonomics, especially regarding children, are invited to join the standardization process and provide input for future improvements of this standard.

Examples of carrier cycle configurations can be found in EN 17860-2:2024, Annex A. EN 17860-2:2024, Annex B provides a reading guide for parts 2, 3 and 4 of this standard series.

EN 17860-6:2025 (E)**1 Scope**

This document applies to the transportation of passengers in a forward- and/or rearward-facing position on a carrier cycle as defined in the EN 17860 series, except for Part 7 (carrier cycle trailers).

This document does not apply to the transportation of children in a child seat that is tested according to EN 14344:2022.

This document applies to the intended riding purpose commuting and leisure with moderate effort, in accordance with EN 17406:2020+A1:2021.

NOTE Some European countries have special legislation for transporting children on cycles. Compliance with this document might not meet this legislation.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 71-2:2020, *Safety of toys - Part 2: Flammability*

EN 71-3:2019+A2:2024, *Safety of toys - Part 3: Migration of certain elements*

EN 614-1:2006+A1:2009, *Safety of machinery - Ergonomic design principles - Part 1: Terminology and general principles*

EN 14344:2022, *Child care articles - Child seats for cycles - Safety requirements and test methods*

EN ISO 12100:2010, *Safety of machinery — General principles for design — Risk assessment and risk reduction (ISO 12100:2010)*

EN 17860-1:2024, *Carrier cycles - Part 1: Terms and definitions*

EN 17860-2:2024, *Carrier Cycles - Part 2: Lightweight single track carrier cycles – Mechanical aspects*

EN 17860-3:2024, *Carrier Cycles - Part 3: Lightweight multi track carrier cycles – Mechanical aspects*

EN 17860-4:2025, *Carrier Cycles - Part 4: Heavy weight carrier cycles – Mechanical and functional aspects*

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