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**Oprema za ravnanje s pacienti v reševalnih vozilih - 1. del: Splošni sistemi nosil in oprema za ravnanje s pacienti**

Patient handling equipment used in ambulances - Part 1: General stretcher systems and patient handling equipment

Krankentransportmittel in Rettungsdienstfahrzeugen- Teil1: Allgemeine Krankentransportsysteme und Krankentransportmittel

Équipements pour le transport de patients dans les ambulances - Partie 1 : Spécification pour les systèmes généraux de brancards et équipement pour le transport de patients

**Ta slovenski standard je istoveten z: prEN 1865-1**

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43.160	Vozila za posebne namene	Special purpose vehicles

**oSIST prEN 1865-1:2026**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**prEN 1865-1**

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English Version

## Patient handling equipment used in ambulances - Part 1: Specification for general stretcher systems and patient handling equipment

Équipements pour le transport de patients dans les  
ambulances - Partie 1 : Spécification pour les systèmes  
généraux de brancards et équipement pour le  
transport de patients

Krankentransportmittel in Rettungsdienstfahrzeugen-  
Teil 1: Allgemeine Krankentragesysteme und  
Krankentransportmittel

This draft European Standard is submitted to CEN members for second enquiry. It has been drawn up by the Technical Committee CEN/TC 239.

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## European foreword

This document (prEN 1865-1:2026) has been prepared by Technical Committee CEN/TC 239 “Rescue systems”, the secretariat of which is held by DIN.

This document is currently submitted to the second CEN Enquiry.

This document will supersede EN 1865-1:2010+A1:2015.

Compared to EN 1865-1:2010+A1:2015, the following main technical changes were made:

- a) Main title of EN 1865 series changed from “*Patient handling equipment used in road ambulances*” to “*Patient handling equipment used in ambulances*”;
- b) Part 1 title changed from “*General stretcher systems and patient handling equipment*” to “*Specification for general stretcher systems and patient handling equipment*”;
- c) Normative references updated;
- d) Contents updated to change titles of “*Flammability – Toxicity of Burning Gasses*” to “*Flammability*”;
- e) Annex ZA revised to show relationship to Medical Device Regulations (MDR) instead of Medical Device Directive (MDD);
- f) Definitions for chair stretcher (3.2), carry sheet (3.4), pick up stretcher (3.5), long spinal board (3.7) and foldable transport chair (3.8) clarified;
- g) General ergonomic statement (4.1) about minimizing lifting when possible, removal of redundant sharp edges requirement;
- h) Significant adjustments to the requirements for transfer mattress, carrying sheet and vacuum mattresses, non-foldable transport chair;
- i) Loading capacities changed from 150 kg to 200 kg, and corresponding mass increased;
- j) Requirements aligned with EN 1865-2:2024;
- k) Verification methods in Clause 5 moved into Clause 4 requirements that previously referenced them. In these cases, the requirement and test methods were combined to form the following: 4.8.8 and 4.8.10 now 4.8.8; 4.9.8 and 4.9.11 now 4.9.8; 4.10.8 and 4.10.10 now 4.10.8.;
- l) Added verifiable details to 4.4.5 requirements;
- m) Clauses previously listing ‘not applicable’ removed;
- n) Added verifiable details to 4.7.1 requirements;
- o) The use of the word label removed, intent of requirement remains unchanged: 4.2.3, 4.3.2, 4.4.2, 4.5.2, 4.6.2, 4.7.3, 4.8.2, 4.9.2, 4.10.2.;
- p) Due to capacity increase, adjusted verification method in 4.8.8, formerly 5.7.1.;
- q) In Long Spinal Board (4.8), Foldable chair (4.9) and Non-foldable chair (4.10), the deformation of frame and backrest requirements were combined, as verification method is the same.

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r) Clause 6 on Marking deleted, since covered by MDR.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

This document is a part of EN 1865, *Patient handling equipment used in ambulances*, which consists of the following parts:

- *Part 1: Specification for general stretcher systems and patient handling equipment; (this document)*
- *Part 2: Power assisted stretcher;*
- *Part 3: Heavy duty stretcher;*
- *Part 4: Foldable patient transfer chair;*
- *Part 5: Stretcher support;*
- *Part 6: Powered chairs;*
- *Part 7: Isolation transport system (preliminary work item under development).*

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## Introduction

This document incorporates specifications for:

- main stretcher – undercarriage;
- chair stretcher;
- transfer mattress;
- carrying sheet;
- pick up stretcher;
- vacuum mattress and pump;
- long spinal board;
- foldable transport chair;
- non-foldable transport chair.

Stretcher systems and patient handling equipment covered by this document are for use in road ambulances.

In this document, reference is made to EN 1789:2020+A1:2023 which specifies design requirements and test methods for road ambulances, which are relevant for checking requirements for such handling equipment.

**NOTE** Standardization work will continue with the aim of ensuring the safe transfer of patients and equipment without compromising continuity of patient care and the safety of staff.