



# SLOVENSKI STANDARD SIST EN ISO 13857:2008

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SIST EN 294:1997

SIST EN 294:1997/AC:2003

SIST EN 811:1998

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Safety of machinery - Safety distances to prevent hazard zones being reached by upper  
and lower limbs (ISO 13857:2008)

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Sicherheit von Maschinen - Sicherheitsabstände gegen das Erreichen von  
Gefährdungsbereichen mit den oberen und unteren Gliedmaßen (ISO 13857:2008)

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Sécurité des machines - Distances de sécurité empêchant les membres supérieurs et  
inférieurs d'atteindre les zones dangereuses (ISO 13857:2008)

Ta slovenski standard je istoveten z: EN ISO 13857:2008

## ICS:

13.110

Varnost strojev

Safety of machinery

SIST EN ISO 13857:2008

en,fr,de

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English Version

## Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2008)

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Erreichen von Gefährdungsbereichen mit den oberen und  
unteren Gliedmaßen (ISO 13857:2008)

This European Standard was approved by CEN on 16 February 2008.

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 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 Management Centre has the same status as the official versions.

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

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## Foreword

This document (EN ISO 13857:2008) has been prepared by Technical Committee ISO/TC 199 "Safety of machinery" in collaboration with Technical Committee CEN/TC 114 "Safety of machinery", the secretariat of which is held by DIN.

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 September 2008, and conflicting national standards shall be withdrawn at the latest by September 2008.

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

This document supersedes EN 294:1992, EN 811:1996.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EC Directives.

For relationship with EC Directives, see informative Annex ZA and ZB, which are integral part of this document.

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

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### Endorsement notice

The text of ISO 13857:2008 has been approved by CEN as a EN ISO 13857:2008 without any modification.

## **Annex ZA (informative)**

### **Relationship between this International Standard and the Essential Requirements of EU Directive 98/37/EC**

This International Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 98/37/EC.

Once this standard is cited in the Official Journal of the European Communities under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements 1.1.2, 1.3.7, 1.4.1 of that Directive and associated EFTA regulations.

**WARNING:** Other requirements and other EU Directives may be applicable to the products falling within the scope of this standard.

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## **Annex ZB (informative)**

### **Relationship between this International Standard and the Essential Requirements of EU Directive 2006/42/EC**

This International Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide one means of conforming to Essential Requirements of the New Approach Directive 2006/42/EC on machinery.

Once this standard is cited in the Official Journal of the European Communities under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements 1.1.2, 1.3.7, 1.4.1 of that Directive and associated EFTA regulations.

**WARNING:** Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

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**Safety of machinery — Safety distances  
to prevent hazard zones being reached by  
upper and lower limbs**

*Sécurité des machines — Distances de sécurité empêchant les  
membres supérieurs et inférieurs d'atteindre les zones dangereuses*

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 13857 was prepared by Technical Committee ISO/TC 199, *Safety of machinery*.

This first edition of ISO 13857 cancels and replaces ISO 13852:1996 and ISO 13853:1998, of which it constitutes a technical revision. Annex A, giving guidance on how to use Tables 1 and 2 with intermediate values, has been added, and the former Annex A of ISO 13853 has become Annex B.

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