
**Safety of machinery — Basic concepts,
general principles for design —**

**Part 1:
Basic terminology, methodology**

*Sécurité des machines — Notions fondamentales, principes généraux
de conception —*

Partie 1: Terminologie de base, méthodologie



Reference number
ISO 12100-1:2003(E)

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Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Hazards to be taken into account when designing machinery	8
4.1 General	8
4.2 Mechanical hazard	8
4.3 Electrical hazard	9
4.4 Thermal hazard	9
4.5 Hazard generated by noise	10
4.6 Hazards generated by vibration	10
4.7 Hazards generated by radiation	10
4.8 Hazards generated by materials and substances	10
4.9 Hazards generated by neglecting ergonomic principles in machine design	10
4.10 Slipping, tripping and falling hazards	11
4.11 Hazard combinations	11
4.12 Hazards associated with the environment in which the machine is used	11
5 Strategy for risk reduction	11
5.1 General provisions	11
5.2 Specification of the limits of the machine	12
5.3 Hazard identification, risk estimation and risk evaluation	12
5.4 Elimination of hazards or reduction of risk by protective measures	14
5.5 Achievement of risk reduction objectives	14
Annex A (informative) Schematic representation of a machine	17
Trilingual index	18
Bibliography	33

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.

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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.

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ISO 12100-1 was prepared by Technical Committee ISO/TC 199, *Safety of machinery*.

This edition cancels and replaces ISO/TR 12100-1:1992, which has been technically revised.

This standard results from the revision of EN 292:1991 / ISO/TR 12100:1992, carried out by a Special Working Group composed of experts from ISO, CEN, IEC and CENELEC.

ISO 12100 consists of the following parts, under the general title *Safety of machinery — Basic concepts, general principles for design*:

- *Part 1: Basic terminology, methodology*, expressing the basic overall methodology to be followed when designing machinery and when producing safety standards for machinery, together with the basic terminology related to the philosophy underlying this work;
- *Part 2: Technical principles*, giving advice on how this philosophy can be applied using available techniques.