

DIN EN 500-1

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DIN EN 500-1:2007-03

**Mobile road construction machinery –
Safety –
Part 1: Common requirements (includes Amendment A1:2009)
English translation of DIN EN 500-1:2010-05**

Bewegliche Straßenbaumaschinen –
Sicherheit –
Teil 1: Gemeinsame Anforderungen (enthält Änderung A1:2009)
Englische Übersetzung von DIN EN 500-1:2010-05

Machines mobiles pour la construction de routes –
Sécurité –
Partie 1: Prescriptions communes (Amendement A1:2009 inclus)
Traduction anglaise de DIN EN 500-1:2010-05

Document comprises 53 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



A comma is used as the decimal marker

Start of validity

This standard takes effect on 1 May 2010.

National foreword

This standard includes safety requirements.

This standard has been prepared by Technical Committee CEN/TC 151 “Construction equipment and building material machines — Safety” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was the *Normenausschuss Maschinenbau* (Mechanical Engineering Standards Committee), Section *Bau- und Baustoffmaschinen*, Working Committee NA 060-13-05 AA *Straßenbaumaschinen*.

Representatives of manufacturers and users of road construction machinery and of the employers' liability insurance associations contributed to this standard.

This standard contains specifications meeting the essential requirements set out in Annex I of the “Machinery Directive”, Directive 98/37/EC (valid until 28 December 2009), and the “revised Machinery Directive”, Directive 2006/42/EC, which takes effect on 29 December 2009, and which apply to machines that are either first placed on the market or commissioned within the EEA. This standard serves to facilitate proof of compliance with the essential requirements of the directives.

Once this standard is cited in the Official Journal of the European Union, it is deemed a “harmonized” standard and thus, a manufacturer applying this standard may assume compliance with the requirements of the Machinery Directive (“presumption of conformity”).

The European Standards referred to in this document have been published as the corresponding DIN EN or DIN EN ISO Standards with the same number. For the International Standards which have not been published as DIN ISO Standards with the same number, there are no national standards available.

Amendments

This standard differs from DIN EN 500-1:2007-03 as follows:

- a) The foreword has been modified.
- b) Clause 1 “Scope” has been modified.
- c) Clause 2 “Normative references” has been modified.
- d) Clause 5 “Safety requirements and/or protective measures” has been modified.
- e) Clause 7 “Information for the user” has been modified.
- f) Subclause D.3.5 “Connection of consumer units by hose systems” has been modified.
- g) Annex ZA (informative) “Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC” has been updated.
- h) Informative Annex ZB “Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC” has been included.

Previous editions

DIN EN 500-1: 1996-03, 2007-03

English Version

**Mobile road construction machinery —
Safety —
Part 1: Common requirements**

Machines mobiles pour la construction de routes —
Sécurité —
Partie 1: Prescriptions communes

Bewegliche Straßenbaumaschinen —
Sicherheit —
Teil 1: Gemeinsame Anforderungen

This European Standard was approved by CEN on 17 August 2006 and includes Amendment 1 approved by CEN on 1 November 2009.

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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.









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Foreword

This document (EN 500-1:2006+A1:2009) has been prepared by Technical Committee CEN/TC 151 "Construction equipment and building material machines — Safety", 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 June 2010, and conflicting national standards shall be withdrawn at the latest by June 2010.

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 includes Amendment 1, approved by CEN on 2009-11-01.

This document supersedes A1 EN 500-1:2006 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

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 EU Directive(s).

A1 For relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document. A1

EN 500 "Mobile road construction machinery — Safety" comprises the following parts:

- Part 1: Common requirements;
- Part 2: Specific requirements for road-milling machines;
- Part 3: Specific requirements for soil-stabilising machines and recycling machines;
- Part 4: Specific requirements for compaction machines;
- Part 6: Specific requirements for paver-finishers.

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 United Kingdom.