

Mobile road construction machinery — Safety —

Part 4: Specific requirements for compaction machines

The European Standard EN 500-4:1995 has the status of a
British Standard

ICS 91.220

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by Technical Committee B/513, Construction equipment and plant, and site safety, to Subcommittee B/513/1, Earth-moving machinery, upon which the following bodies were represented:

- British Coal Corporation
- Construction Plant-hire Association
- Federation of Civil Engineering Contractors
- Federation of Manufacturers of Construction Equipment and Cranes
- Health and Safety Executive
- Institution of Civil Engineers
- Silsoe Research Institute

This British Standard, having been prepared under the direction of the Sector Board for Building and Civil Engineering, was published under the authority of the Standards Board and comes into effect on 15 June 1996

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The following BSI references relate to the work on this standard:
Committee reference B/513/1
Draft for comment 91/14881 DC

ISBN 0 580 25394 5

Amendments issued since publication

Amd. No.	Date	Comments

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National foreword

This British Standard has been prepared by Subcommittee B/513/1 and is the English language version of EN 500-4:1995 *Mobile road construction machinery — Safety — Part 4: Specific requirements for compaction machines*, published by the European Committee for Standardization (CEN). It is one of a number of British Standards implementing European Standards on machinery safety matters, in the development of which the United Kingdom has played an active part.

This British Standard covers the essential safety requirements in the Machinery Directive (89/392/EEC) and the Amending Directive (91/368/EEC).

Cross-references

Publication referred to	Corresponding British Standard
EN 500-1:1995	BS EN 500 <i>Mobile road construction machinery — Safety</i> Part 1:1996 <i>Common requirements</i>
ISO 6683:1981	BS 6218:1981 <i>Specification for performance requirements for seat belts and seat belt anchorages for earth-moving machinery fitted with roll-over protective structures</i>
IEC Report 664/664 A	BS 7822 <i>Insulation co-ordination for equipment within low-voltage systems</i> Part 1:1995 <i>Principles, requirements and tests</i> Reference EN 60204-1:1991 cited in the European text, has been superseded by EN 60204-1:1992 which corresponds with BS EN 60204 <i>Safety of machinery Electrical equipment of machines</i> Part 1:1993 <i>Specification for general requirements</i> .

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

ICS 91.220

Descriptors: Roads, construction, site equipment, mobile equipment, compaction equipment, safety, specifications, accident prevention, hazards, overturning (vehicles), safety measures, braking

English version

Mobile road construction machinery — Safety — Part 4: Specific requirements for compaction machines

Machines mobiles pour la construction de routes — Sécurité — Partie 4: Exigences spécifiques pour engins de compactage

Bewegliche Straßenbaumaschinen — Sicherheit — Teil 4: Besondere Anforderungen an Verdichtungsmaschinen

This European Standard was approved by CEN on 1995-06-29. 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 Central Secretariat or to any CEN member.

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Ref. No. EN 500-4:1995 E
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Foreword

This European Standard was prepared by the Technical Committee CEN/TC 151, *Construction equipment and building material machines — Safety*, of which the secretariat is held by DIN.

This European Standard 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 Directive(s).

The Annex A is normative and contains “Braking systems”, the Annex B is normative and contains “Remote infrared controls for rollers with attending operator”, and the Annex C is normative and contains “Roll over protective structure (ROPS)”.

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 stabilization machines;*
- *Part 4: Specific requirements for compaction machines;*
- *Part 5: Specific requirements for joint cutters;*
- *Part 6: Specific requirements for paver-finishers.*

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 March 1996, and conflicting national standards shall be withdrawn at the latest by March 1996.

In accordance with the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

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