

Safety of hand held electric motor operated tools —

Part 2-5: Particular requirements for circular saws and circular knives

The European Standard EN 50144-2-5:1996 has the status of a
British Standard

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by Technical Committee CPL/61, Safety of electrical appliances, to Subcommittee CPL/61/6, Portable motor-operated tools, upon which the following bodies were represented:

- Agricultural Engineers' Association
- Association of Control Manufacturers (TACMA (BEAMA Ltd.))
- Association of Manufacturers Allied to the Electrical and Electronic Industry (BEAMA Ltd.)
- Association of Manufacturers of Domestic Electrical Appliances
- Consumer Policy Committee of BSI
- Consumers' Association
- Department of Trade and Industry (Consumer Safety Unit, CA Division)
- Electricity Association
- Health and Safety Executive
- Hire Association Europe
- Institution of Incorporated Executive Engineers
- Portable Electric Tool Manufacturers' Association
- Rotating Electrical Machines Association (BEAMA Ltd.)
- Co-opted members

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 October 1996

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Amendments issued since publication

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National foreword

This British Standard has been prepared by Technical Committee CPL/61 and is the English language version of EN 50144-2-5 *Safety of hand held electric motor operated tools Part 2-5:1996 Particular requirements for circular saws and circular knives*, published by the European Committee for Electrotechnical Standardization (CENELEC). It is to be read in conjunction with BS EN 50144-1:1996 *General requirements* which it supplements or modifies. The many references to Part 1 should be read as references to BS EN 50144-1:1996 which is the English language version of EN 50144-1:1995. The foreword of EN 50144-2-5 makes reference to the “Date of withdrawal”, *dow*, of the relevant national standard. In this case the relevant national standard is BS 2769-2.5:1991 which will be withdrawn on 1 December 1996 in accordance with the CENELEC Internal Regulations. Reference is also made to the application of CENELEC Memorandum No. 6 with regard to certification. Attention is drawn to Note 7 to Memorandum No. 6 which states:

“The use of the certificate or mark licence in the running production may not go on for more than 60 months after *dow*. This should allow necessary changes in the production line and to the use up supplies.

Within the established period after *dow* the certificates and mark licences will have to be reconsidered and cancelled or re-issued”.

For tools intended to be used in locations where special conditions prevail, as in ships and vehicles, and in hazardous locations, for example, where explosions are liable to occur, requirements additional to those specified in the standard may be necessary.

WARNING. This standard calls for test procedures that may be injurious to safety or health if adequate precautions are not taken when conducting tests.

Product certification

Attention is drawn to the fact that products conforming with this British Standard may be approved by BSI Product Certification, and that such certification may be used for the purposes of participation in the CENELEC Certification Agreement. (Details of the BSI certification marks are given on the inside back cover).

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 16, 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.

Descriptors: Hand-held electric motor operated tools, circular saws, circular knives, safety requirements, protection against electric shocks, fire protection, protection against mechanical hazards

English version

Safety of hand-held electric motor operated tools Part 2-5: Particular requirements for circular saws and circular knives

Sécurité des outils électroportatifs à moteur
Partie 2-5: Règles particulières pour les scies
circulaires et les couteaux circulaires

Sicherheit von handgeführten
motorbetriebenen Elektrowerkzeugen
Teil 2-5: Besondere Anforderungen für
Kreissägen und Rundmesser

This European Standard was approved by CENELEC on 1995-03-06. CENELEC 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 CENELEC 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 CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B-1050 Brussels

Foreword

This European Standard has been prepared by the Technical Committee 61F, Hand-held and transportable electric motor operated tools.

The text of the draft was submitted to the Unique Acceptance Procedure (UAP) in April 1994 and was approved by CENELEC as EN 50144-2-5 on 1995-03-06.

A draft for an amendment was submitted to the Unique Acceptance Procedure in April 1994 and was approved by CENELEC on 1995-03-06 for inclusion into the European Standard.

This European Standard replaces HD 400.2E S2:1988 + A1:1991.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1996-09-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1996-12-01

As far as certification is concerned, CENELEC Memorandum 6 applies.

This standard is divided into two Parts:

- Part 1: *General requirements*, comprising clauses of a general character.
- Part 2: *Particular requirements*, dealing with particular types of appliances. The clauses of these particular requirements supplement or modify the corresponding clauses in Part 1. Where the text of Part 2 indicates an “addition” to or a “replacement” of the relevant requirement, test specification or explanation of Part 1, these changes are made to the relevant text of Part 1, which then becomes part of the standard. Where no change is necessary, the words “This clause of Part 1 is applicable” are used in Part 2.

Subclauses, tables and figures which are additional to those in Part 1 are numbered starting from 101.

NOTE In this standard the following print types are used:

- Requirements proper: in roman type;
- *Test specification: in italic type;*
- Explanatory matter: in smaller roman type.

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