



## BSI Standards Publication

# **Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety**

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Part 2-17: Particular requirements for hand-held routers (IEC 62841-2-17:2017, modified)

## National foreword

This British Standard is the UK implementation of EN 62841-2-17:2017. It is derived from IEC 62841-2-17:2017. It supersedes BS EN 60745-2-17:2010, which is withdrawn.

The CENELEC common modifications have been implemented at the appropriate places in the text. The start and finish of each common modification is indicated in the text by tags **[C]** **[C]**.

The UK participation in its preparation was entrusted to Technical Committee CPL/116, Safety of motor-operated electric tools.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2018  
Published by BSI Standards Limited 2018

ISBN 978 0 580 92312 8

ICS 25.140.20

**Compliance with a British Standard cannot confer immunity from legal obligations.**

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 28 February 2018.

### Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Electric motor-operated hand-held tools, transportable  
tools and lawn and garden machinery - Safety - Part  
2-17: Particular requirements for hand-held routers (IEC  
62841-2-17:2017, modified)

Outils électroportatifs à moteur, outils portables et  
machines pour jardins et pelouses - Sécurité - Partie  
2-17: Exigences particulières pour les défonceuses  
portatives (IEC 62841-2-17:2017, modifiée)

Elektrische motorbetriebene handgeführte  
Werkzeuge, transportable Werkzeuge und Rasen-  
und Gartenmaschinen - Sicherheit - Teil 2-17:  
Besondere Anforderungen für handgeführte  
Oberfräsen (IEC 62841-2-17:2017, modifiziert)

This European Standard was approved by CENELEC on 2017-08-28. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

## European foreword

The text of document 116/335/FDIS, future edition 1 of IEC 62841-2-17, prepared by IEC/TC 116 "Safety of motor-operated electric tools" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62841-2-17:2017.

A draft amendment, which covers common modifications to IEC 62841-2-17 (116/335/FDIS), was prepared by CLC/TC 116 "Safety of motor-operated electric tools" and approved by CENELEC.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-06-15
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-12-15

EN 62841-2-17:2017 supersedes EN 60745-2-17:2010.

This European Standard is divided into four parts:

- Part 1: General requirements which are common to most hand-held electric motor operated tools (for the purpose of this standard referred to simply as tools) which could come within the scope of this standard;
- Part 2, 3 or 4: Requirements for particular types of tools which either supplement or modify the requirements given in Part 1 to account for the particular hazards and characteristics of these specific tools.

This Part 2-17 is to be used in conjunction with EN 62841-1:2015.

This Part 2-17 supplements or modifies the corresponding clauses in EN 62841-1:2015, so as to convert it into the European Standard: Particular requirements for hand-held routers.

Where a particular subclause of Part 1 is not mentioned in this Part 2-17, that subclause applies as far as relevant. When this standard states "addition", "modification" or "replacement", the relevant text in Part 1 is to be adapted accordingly.

The following print types are used:

- requirements; in roman type
- *test specifications: in italic type;*
- notes: in smaller roman type.

The terms defined in [Clause 3](#) are printed in **bold typeface**.

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

Clauses, subclauses, notes, tables, figures and annexes which are additional to those in IEC 62841-2-17:2017 are prefixed "Z".

This European Standard follows the overall requirements of EN ISO 12100.

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

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and supports essential requirements of EU Directive.

For the relationship with EU Directive, see informative [Annex ZZ](#), which is an integral part of this document.

Compliance with the clauses of Part 1 together with this Part 2-17 provides one means of conforming with the essential health and safety requirements of the Directive concerned.

#### **Endorsement notice**

The text of the International Standard IEC 62841-2-17:2017 was approved by CENELEC as a European Standard with agreed common modifications.

**Annex ZZ**  
(informative)

**Relationship between this European Standard and the essential requirements of Directive 2006/42/EC [2006 OJ L157] aimed to be covered**

This European Standard has been prepared under a Commission's standardisation request M/396 to provide one voluntary means of conforming to essential requirements of Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC.

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in [Table ZZ.1](#) confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive, and associated EFTA regulations.

**Table ZZ.1 — Correspondence between this European Standard and [Annex I](#) of Directive 2006/42/EC**

Essential Requirements of Directive 2006/42/EC	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
<a href="#">Annex I</a>	All clauses	All corresponding requirements are covered by complying with all clauses.

**WARNING 1: — Presumption of conformity stays valid only as long as a reference to this European standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.**

**WARNING 2: — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.**

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