

**Käeshoitavad mootorajamiga elektritööriistad, veetavad
tööriistad, muru- ja aiatöömasinad. Ohutus. Osa 3-1:
Erinõuded ketassaepinkidele**

**Electric Motor-Operated Hand-Held Tools, Transportable
Tools and Lawn and Garden Machinery - Safety - Part 3-
1: Particular requirements for transportable table saws**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 62841-3-1:2014 sisaldab Euroopa standardi EN 62841-3-1:2014 ingliskeelset teksti.	This Estonian standard EVS-EN 62841-3-1:2014 consists of the English text of the European standard EN 62841-3-1:2014.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 22.08.2014.	Date of Availability of the European standard is 22.08.2014.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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English Version

**Electric motor-operated hand-held tools, transportable tools and
lawn and garden machinery - Safety - Part 3-1: Particular
requirements for transportable table saws
(IEC 62841-3-1:2014)**

Outils électroportatifs à moteur, outils transportables et
machines pour jardins et pelouses - Sécurité - Partie 3-1:
Exigences particulières pour les scies circulaires à table
transportables
(CEI 62841-3-1:2014)

Elektrische motorbetriebene handgeführte Werkzeuge,
transportable Werkzeuge und Rasen- und
Gartenmaschinen - Sicherheit - Teil 3-1: Besondere
Anforderungen für transportable Tischkreissägen
(IEC 62841-3-1:2014)

This European Standard was approved by CENELEC on 2014-05-19. 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.

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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

Foreword

The text of document 116/168/FDIS, future edition 1 of IEC 62841-3-1, 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 62841-3-1:2014.

A draft amendment, which covers common modifications to IEC 62841-3-1:2014, 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 this document (dop) 2015-05-19
has to be implemented at national
level by publication of an identical
national standard or by endorsement
- latest date by which the national (dow) 2018-05-19
standards conflicting with this
document have to be withdrawn

EN 62841-3-1:2014 supersedes EN 61029-2-1:2012.

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(s).

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

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

This European Standard is divided into four parts:

- Part 1: General requirements which are common to most 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 3-1 is to be used in conjunction with EN 62841-1:201X¹⁾. When this standard states "addition", "modification" or "replacement", the relevant text in Part 1 is to be adapted accordingly.

Compliance with the clauses of Part 1 together with this Part 3-1 provides one means of conforming with the essential health and safety requirements of the Directive concerned.

Warning: Other requirements and other EU Directives can be applicable to the products falling within the scope of this standard.

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

NOTE In this standard the following print types are used:

- requirements proper; in roman type
- *test specifications: in italic type;*
- explanatory matter: in smaller roman type.

Words in **bold** in the text are defined in Clause 3. When a definition concerns an adjective, the adjective and the associated noun are also in bold.

NOTE Clauses, subclauses, notes, tables, figures and annexes which are additional to those in IEC 62841-3-1:2014 are prefixed "Z".

1) At draft stage.

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

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COMMON MODIFICATIONS

1 Scope

Add after the first paragraph:

This standard applies to **table saws** having a mass of:

- maximum 25 kg for tools capable of being lifted by hand by one person;
- maximum 50 kg for tools capable of being lifted by hand by two persons.

This standard does not apply to stationary **table saws**.

NOTE EN 1870-1 gives requirements for stationary **table saws** and **table saws** with a mass greater than indicated above.

2 Normative references

Add the following normative reference:

EN 847-1, *Tools for woodworking - Safety requirements - Part 1: Milling tools, circular saw blades*

8 Marking and instructions

8.14.2 a):

Add the following new item:

Z101) Instruction to use only saw blades recommended by the manufacturer, which conform to EN 847-1, if intended for wood and analogous materials.

19 Mechanical hazards

Replace the first paragraph of 19.1 as follows:

19.1 Replacement:

Protective enclosures and guards shall not be removable without the aid of a tool. This requirement does not apply to **saw blade guards, riving knives**.

21 Construction

Add the following new subclause:

21.101.Z101 The saw blade provided with the tool, if intended for cutting wood and analogous materials, shall comply with EN 847-1.

Compliance is checked by inspection and by receipt of relevant information from the saw blade manufacturer.

Replace the title of Annex I by the following:

Annex I
(normative)

Measurement of noise and vibration emissions

Add the following annexes:

Annex ZA
(normative)

**Normative references to international publications
with their corresponding European publications**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 180	-	Plastics – Determination of Izod impact strength	EN ISO 180	-

Annex ZZ
(informative)

Coverage of Essential Requirements of Directive 2006/42/EC

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and within its scope the standard covers all relevant Essential Requirements as given in EU Directive 2006/42/EC (Machinery Directive).

Compliance with this standard provides one means of conformity with the specified essential requirements of the Directives concerned.

WARNING: Other requirements and other EU Directives may be applicable to the products falling within the scope of this standard.

Bibliography

Add the following to the bibliography:

EN 1870-1, *Safety of woodworking machines - Circular sawing machines - Part 1: Circular saw benches (with and without sliding table), dimension saws and building site saws*

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