
Elektromotorna ročna orodja, prenosna orodja ter stroji za trato in vrt - Varnost - 3-4. del: Posebne zahteve za prenosne namizne brusilnike - Dopolnilo A12

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-4: Particular requirements for transportable bench grinders

Elektrische motorbetriebene handgeführte Werkzeuge, transportable Werkzeuge und Rasen- und Gartenmaschinen - Sicherheit - Teil 3-4: Besondere Anforderungen für transportable Tischscheifmaschinen

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Outils électroportatifs à moteur, outils portables et machines pour jardins et pelouses - Sécurité - Partie 3-4: Exigences particulières pour les tourets à meuler transportables

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Ta slovenski standard je istoveten z: EN 62841-3-4:2016/A12:2020

ICS:

25.080.50	Brusilni in polirni stroji	Grinding and polishing machines
25.140.20	Električna orodja	Electric tools

SIST EN 62841-3-4:2016/A12:2020 **en,fr**

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EUROPEAN STANDARD

EN 62841-3-4:2016/A12

NORME EUROPÉENNE

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ICS 25.140.20

English Version

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-4: Particular requirements for transportable bench grinders

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This amendment A12 modifies the European Standard ; it was approved by CENELEC on 2020-01-27. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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

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EN 62841-3-4:2016/A12:2020**European foreword**

This document (EN 62841-3-4:2016/A12:2020) has been prepared by CLC/TC 116 "Safety of motor-operated electric tools".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2020-09-13
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2023-03-13

It amends IEC 62841-3-4:2016/A1:2020.

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(s).

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

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1 Modification to Clause 1, "Scope"

Add the following to Clause 1:

"This standard covers all significant hazards, hazardous situations or hazardous events relevant for tools covered by this standard.

NOTE Z101 Hazards not mentioned in Table ZZ.1 are deemed to be not applicable for tools covered by this standard."

2 Replacement of the Annex ZZ, "Relationship between this European Standard and the essential requirements of Directive 2006/42/EC [2006 OJ L157] aimed to be covered"

Replace the existing Annex ZZ with the following:

"

Annex ZZ (informative)

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

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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 numbers of Annex I	Clause(s) / sub-clause(s) of this EN	Remarks / Notes:
1.1.2 (Principles of safety integration)	4	
1.1.3 (Materials and products)	5, 6.1, 21.6, K.5, L.5, L.21	
1.1.5 (Design of machinery to facilitate its handling)	19.4, 20.103	
1.1.6 (Ergonomics)	5, 19.5, 19.102, 21.18.2, K.5, L.5, L.21	
1.1.7 (Operating positions)	21.101	

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Essential Requirements of Directive 2006/42/EC Clause numbers of Annex I	Clause(s) / sub-clause(s) of this EN	Remarks / Notes:
1.2.1 (Safety and reliability of control systems)	5, 18.6, 18.8, 23.1.6, 23.1.10, 23.1.11, 23.3, K.5, K.18.6, K.18.8, K.23.1.10, K.23.1.201, L.5, L.18, L.23.1.10	
1.2.2 (Control devices)	5, 8.5, 8.9, 8.10, 8.11, 21.2, 21.4, 21.17, 21.18, K.5, K.21.17.1.2, L.5, L.21	
1.2.3 (Starting)	5, 21.17, K.21.17.1.2, K.5, L.5, L.21	
1.2.4.1 (Normal stop)	5, 21.17, K.21.17.1.2, K.5, L.5, L.21	
1.2.6 (Failure of the power supply)	5, 21.18.2.1, 23.3, K.5, L.5, L.21	
1.3.1 (Risk of loss of stability)	5, 19.7, 19.8, 20.104, K.5, L.5	
1.3.2 (Risk of break-up during operation)	5, 8.14.2 c), 13.1, 14.4, 17, 19.6, 19.104, 19.107, 20, 21.23, 24.11, 24.12, 24.13, 27, K.5, K.13.1, K.17, K.19.6, K.20, K.24.201, K.27.1, L.5, L.13.1, L.17, L.20, L.21, L.24.201	
1.3.3 (Risk due to falling or ejected objects)	5, 18.3, 19.101, 19.103, 19.105, 19.106, 20.101, 20.102, 21.101, K.5, L.5, L.18, L.21	
1.3.4 (Risks due to surfaces, edges or angles)	19.2, 21.24, L.214-2016-a12-2020	
1.3.7 (Risks related to moving parts)	5, 19.1, 19.3, K.5, L.5	
1.3.8.1 (Moving transmission parts)	5, 19.1, 19.3, K.5, L.5	
1.3.8.2 (Moving parts involved in the process)	5, 19.1, K.5, L.5	
1.4.1 (General requirements (for guards and protective devices))	5, 19.1, 20.1, 20.2, 20.3, 20.4, 20.101, 21.22, K.5, K.20.1, K.20.3, L.5, L.20, L.21	
1.4.2.1 (Special requirements for fixed guards)	5, 19.1, 19.9, K.5, L.5	
1.4.2.3 (Special requirements for adjustable guards restricting access)	5, 19.1, K.5, L.5	
1.5.1 (Risks due to electricity supply)	5, 7, L.7.1, 9, 10, 11, 12, 14, 15, 16, 17, 18.1 -18.7, 21.3, 21.5 – 21.16, 21.19 - 21.22, 21.25 - 21.34, 22,	

Essential Requirements of Directive 2006/42/EC Clause numbers of Annex I	Clause(s) / sub-clause(s) of this EN	Remarks / Notes:
	23.1.1 - 23.1.5, 23.1.7 - 23.1.9, 23.2, 23.4, 23.5, 24, 25, 26, 27, 28, K.5, K.7, K.9, K.10, K.11, K.12, K.14, K.16, K.17, K.18.1 – K.18.7, K.21.5 – K.21.16, K.21.19 – K.21.22, K.21.25 – K.21.34, K.22, K.24, K.25, K.26, K.27.1, K/L.28.1, K.28.2, L.5, L.9, L.10, L.11, L.12, L.14, L.16, L.17, L.18, L.18.201, L.20, L.21, L.22, L.24, L.25, L.26, Annex C	
1.5.4 (Risks due to errors of fitting)	5, 8.7, 8.8, 8.13, 8.14.2, 21.7, 21.8, 21.19, 27.1, K.5, K.8.7, K.8.8, K.19.201, K.21.201, K.21.203, K.27.1, L.5, L.19.201, L.21	
1.5.5 (Risks due to extreme temperatures)	5, 12.5, K.5, K.12.1, L.5	
1.5.6 (Risks due to fire)	5, 13, 18.1, 18.2, 18.4, 18.6, 28.1, K.5, K.12.201, K.13, K.18.1, K.18.6, K.18.201, K.18.202, K.18.203, K.20.1, K.20.3, K.21.201, K.21.203, K.23.201, K.23.202, K.28.1, L.5, L.12.201, L.13, L.18, L.20.201, L.20.202, L.21.201, L.21.203, L.23.201, L.23.202, L.28.1, L.28.201	
1.5.7 (Risks due to explosion)	5, K.5, K.12.201, K.18.201, K.18.202, K.18.203, K.19.202, K.20.1, K.20.3, K.21.202, K.21.203, L.5, L.12.201, L.18.202, L.18.203, L.18.204, L.19.202, L.20.201, L.20.202, L.21.202, L.21.203	
1.5.8 (Risks due to noise)	1.2.Z1	
1.5.10 (Risks due to radiation)	5, 6.1, 6.3, K.5, L.5	
1.5.11 (Risks due to external radiation)	5, 18.8 K.5, K.18.8, L.5, L.18.8	
1.5.12 (Risks due to laser radiation)	6.2	
1.5.13 (Risks due to emissions of hazardous materials and substances)	21.101, L.21	
1.6.1 (Machinery maintenance)	24.1	
1.6.3 (Isolation of energy sources)	24.1	

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Essential Requirements of Directive 2006/42/EC Clause numbers of Annex I	Clause(s) / sub-clause(s) of this EN	Remarks / Notes:
1.7.1 (Information and warnings on machinery)	8.1, 8.4, 8.6, K.8.1, K.8.4, L.8.1, L.8.4	
1.7.1.1 (Information and information devices)	8.2, 8.4, K.8.4, L.8.4	
1.7.2 (Warning of residual risks)	8.2	
1.7.3 (Marking of machinery)	8.3, 8.4, 8.12, K.8.3, K.8.4, L.8.3, L.8.4	
1.7.4 (Instructions)	8.14, K.8.14.1.1, K.8.14.2, L.8.14.1.1, L.8.14.2	

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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