ILNAS

Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN ISO 19085-3:2017

Woodworking machines - Safety requirements - Part 3: Numerically controlled (NC) boring and routing machines (ISO 19085-3:2017)

Holzbearbeitungsmaschinen - Sicherheit - Teil 3: Numerisch gesteuerte (NC-) Bohr- und Fräsmaschinen (ISO 19085-3:2017)

Machines à bois - Sécurité - Partie 3: Perceuses et défonceuses à commande numérique (CN) (ISO 19085-3:2017)

12/2017

National Foreword

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EUROPEAN STANDARD
NORME EUROPÉENNE
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EN ISO 19085-3

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English Version

Woodworking machines - Safety requirements - Part 3: Numerically controlled (NC) boring and routing machines (ISO 19085-3:2017)

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Holzbearbeitungsmaschinen - Sicherheit - Teil 3: NC-Bohr- und Fräsmaschinen (ISO 19085-3:2017)

This European Standard was approved by CEN on 9 October 2016.

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 CEN-CENELEC Management Centre or to any CEN 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 CEN 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 foreword

This document (EN ISO 19085-3:2017) has been prepared by Technical Committee ISO/TC 39 “Machine tools” in collaboration with Technical Committee CEN/TC 142 “Woodworking machines - Safety” the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by June 2018, and conflicting national standards shall be withdrawn at the latest by June 2018.

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

This document supersedes EN 848-3:2012.

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

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

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Serbia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 19085-3:2017 has been approved by CEN as EN ISO 19085-3:2017 without any modification.

Annex ZA
(informative)

Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC

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 the new approach Machinery Directive 2006/42*.

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 ZA.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 ZA.1 — Correspondence between this European Standard and Directive 2006/42/EC

Essential Requirements (ERs) of Directive 2006/42/EC	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
1.1.2 Principles of safety integration		
a) fitted for its function	Clauses 5, 6, 7, 8	
b) eliminate or reduce the risks, give measures, inform	Clauses 5, 6, 7, 8	
c) intended use and reasonably foreseeable misuse	Clauses 5, 6, 7, 8	
d) constraints in use	7.5, 8.3	
e) equipment	6.1, 8.3	
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1.1.4 Lighting	7.6, 8.3	
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1.1.6 Ergonomics	7.5	
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1.2.2 Control devices	5.2, 5.3, 5.4, 5.6, 5.7, 5.13	
1.2.3 Starting	5.3, 5.13	
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1.2.4.1 Normal stop	5.4.2	
1.2.4.2 Operational stop	5.4.3	
1.2.4.3 Emergency stop	5.4.4	
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1.3.1 Risk of loss of stability	6.1, 8.3	
1.3.2 Risk of break-up during operation	6.2, 8.3	
1.3.3 Risks due to falling or ejected objects	5.7.3, 6.2, 6.3, 6.5, 6.8, 6.9, 8.3	
1.3.4 Risk due to surfaces, edges or angles		Not significant, see EN ISO 12100:2010

1.3.6 Risks relating to variations in the operating conditions	5.7, 5.11	
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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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Machines à bois — Sécurité —

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