



SLOVENSKI STANDARD
SIST EN 859:2009/kFprA1:2009

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Varnost lesnoobdelovalnih strojev - Skobeljni stroji z ročnim podajanjem

Safety of woodworking machines - Hand fed surface planing machines

Sicherheit von Holzbearbeitungsmaschinen - Abrichthobelmaschinen mit Handvorschub

Sécurité des machines pour le travail du bois - Machines à dégauchir à avance manuelle

Ta slovenski standard je istoveten z: EN 859:2007/FprA1

ICS:

25.080.25 Stroji za ploščinsko obdelavo Planing machines

79.120.10 Lesnoobdelovalni stroji Woodworking machines

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EUROPEAN STANDARD
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FINAL DRAFT
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English Version

Safety of woodworking machines - Hand fed surface planing machines

Sécurité des machines pour le travail du bois - Machines à dégauchir à avance manuelle

Sicherheit von Holzbearbeitungsmaschinen - Abrichtobelmaschinen mit Handvorschub

This draft amendment is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 142.

This draft amendment A1, if approved, will modify the European Standard EN 859:2007. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 859:2007/FprA1:2009) has been prepared by Technical Committee CEN/TC 142 "Woodworking machines - Safety", the secretariat of which is held by UNI.

This document is currently submitted to the Unique Acceptance Procedure.

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 the Machinery Directive.

For relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document.

EN 859:2007/FprA1:2009 (E)**1 Modification to the Foreword**

Replace the fifth paragraph with the following:

"For relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document."

2 Modification to Clause 2, Normative references

Delete the reference to EN 294:1992 and add "EN ISO 13857:2008, Safety of machinery — Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2008)" and replace "Table 4 of EN 294:1992" with "Table 4 of EN ISO 13857:2008" in 5.3.6.1 d).

Add "EN 61310-1:2008, Safety of machinery — Indication, marking and actuation — Part 1: Requirements for visual, auditory and tactile signals (IEC 61310-1:2007)".

Replace "EN ISO 13849-1:2006¹⁾" with "EN ISO 13849-1:2008", delete footnote to text 1) and replace "EN ISO 13849-1:2006" with "EN ISO 13849-1:2008" throughout the document.

Replace "EN ISO 13849-2:2003" with "EN ISO 13849-2:2008" throughout the document.

Add "EN ISO 13850:2006, Safety of machinery — Emergency stop — Principles for design (ISO 13850:2006)".

3 Modification to 5.4.5, Ergonomics and handling

Add at the end of 7th paragraph: "These attachments shall be positioned such as to avoid machine or components overturn or fall or move in an uncontrolled way during transport, assembly, dismantling, disabling and scrapping."

4 Modification to 6.2, Marking

Replace the text in a) with the following: "business name and address of the machine manufacturer and, where applicable, of his authorised representative;"

Replace the text in b) with the following: "year of construction, which is the year in which the manufacturing process is completed;"

Replace the text in c) with the following: "designation of the machinery and designation of series or type;"

In the 6th paragraph, replace "Table 6 of EN 61310-1:1995" with "Table A.1 of EN 61310-1:2008".

5 Modification to 6.3, Instruction handbook

Add in d): "including operator's position".

Add in m) the following NOTE:

"NOTE Information on noise emission should also be provided in the sales literature."

Add new: "s) information on conditions necessary to ensure that throughout the foreseeable lifetime the machine including its components cannot overturn or fall or move in an uncontrolled way during transport, assembly, dismantling, disabling and scrapping;"

Add new: "t) the operating method to be followed in the event of accident or breakdown; if a blockage is likely to occur, the operating method to be followed so as to enable the equipment to be safely unblocked;"

Add new: "u) the specifications of the spare parts to be used, when these affect the health and safety of operators."

6 Modification to Annex ZA

In Annex ZA, second paragraph, replace "this standard (except Annex F, 6.3 h) indent 2 to 4) confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements of that " with "this standard, except 6.3 h) indent 2) to 4), confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements, except Essential Requirement 2.2, of that".

In Table ZA.1, in row concerning ER 1.2.8 Software, replace "Annex F" in the 1st column with "5.2.1.3".

In Table ZA.1, 1st column, replace all hyphens with commas.

7 Addition of Annex ZB

Add the following new Annex ZB:

"

Annex ZB (informative)

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

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide one means of conforming to Essential Requirements of the New Approach Machinery Directive 2006/42/EC.

Once this standard is cited in the Official Journal of the European Communities under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard, except normative clause 6.3 h) indent 2), 3) and 4), confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements, except Essential Requirement 2.2.1, of that Directive and associated EFTA regulations.

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

Clause(s)/sub-clause(s) of this EN	Essential Requirements (ERs) of Directive 2006/42/EC
	1.1.2 Principles of safety integration
5.2.1, 5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.3, 5.4.11, 6.3	a) fitted for its function
Clause 5, 6	b) eliminate or reduce the risks, give measures, inform
Clause 5, 6	c) intended use and reasonably foreseeable misuse
5.4.5, 6.3	d) constraints in use
5.3.1, 6.3	e) equipment
5.3.2, 5.4.3	1.1.3 Materials and products
6.3	1.1.4 Lighting

5.2.2, 5.4.5	1.1.5 Design of machinery to facilitate its handling
5.4.5	1.1.6 Ergonomics
6.3	1.1.7 Operating position
5.2.1, 5.2.6, 5.2.7, 5.4.10, Annex F	1.2.1 Safety and reliability of control systems
5.2.2, 5.2.3, 5.3.5, 5.3.6, 5.4.5, 6.3	1.2.2 Control devices
5.2.2, 5.2.3	1.2.3 Starting
5.2.4, 5.2.5	1.2.4 Stopping
5.2.4	1.2.4.1 Normal stop
5.2.5	1.2.4.3 Emergency stop
5.2.6	1.2.6 Failure of the power supply
5.3.1, 6.3	1.3.1 Risk of loss of stability
5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.3.2, 5.3.3, 5.3.5, 5.3.6, 5.3.7	1.3.2 Risk of break-up during operation
5.3.3, 5.3.7	1.3.3 Risks due to falling or ejected objects
5.1	1.3.4 Risk due to surfaces, edges or angles
5.2.7, 5.3.6	1.3.7 Risks related to moving parts
5.3.6	1.3.8 Choice of protection against risks related to moving parts
5.3.6.2	1.3.8.1 Moving transmission parts
5.3.6	1.3.8.2 Moving parts involved in the process
5.3.5, 5.3.6	1.3.9 Risk of uncontrolled movements
5.3.5, 5.3.6, 5.3.7	1.4.1 Required characteristics of guards and protective devices - General requirements
5.3.6	1.4.2.1 Fixed guards