

SLOVENSKI STANDARD
SIST EN 1870-14:2008/kprA1:2009
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Varnost lesnoobdelovalnih strojev - Krožne žage - 14. del: Vertikalni krožni žagalni stroji

Safety of woodworking machines - Circular sawing machines - Part 14: Vertical panel sawing machines

Sicherheit von Holzbearbeitungsmaschinen - Kreissägemaschinen - Teil 14: Vertikalplattenkreissägemaschinen

Sécurité des machines pour le travail du bois - Machines à scier circulaires - Partie 14: Scies à panneaux verticales

Ta slovenski standard je istoveten z: EN 1870-14:2007/prA1

ICS:

25.080.60	Strojne žage	Sawing machines
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EUROPEAN STANDARD
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English Version

Safety of woodworking machines - Circular sawing machines - Part 14: Vertical panel sawing machines

Sécurité des machines pour le travail du bois - Machines à
scier circulaires - Partie 14: Scies à panneaux verticales

Sicherheit von Holzbearbeitungsmaschinen -
Kreissägemaschinen - Teil 14:
Vertikalplattenkreissägemaschinen

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 1870-14:2007. 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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Foreword

This document (EN 1870-14:2007/prA1:2009) 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 Directiv(e), see informative Annexes ZA and ZB, which are integral parts of this document.

EN 1870-14:2007/prA1:2009 (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."

Delete Part 2 from the standards list.

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 "4.5.1 of EN 294:1992" with "4.2.4.1 of EN ISO 13857:2008" throughout the document.

Replace "EN 847-1:2005+A1:2007" with "EN 847-1:2005" throughout the document.

Delete the reference to EN 61310-1:1995 and add "EN 61310-1:2008, Safety of machinery — Indication, marking and actuation — Part 1: Requirements for visual, acoustic and tactile signals (IEC 61310-1:2007)" and replace "Table 6 of EN 61310-1:1995" with "Table A.1 of EN 61310-1:2008" in the 8th paragraph of 5.4.5.

3 Modification to Clause 4, List of significant hazards

In Table 1 under line 10.6, add references to 5.2.2 and 5.4.5 in the right hand column.

4 Modification to 5.4.5, Ergonomics and handling

Add after the 6th paragraph: "Machines and components with a mass exceeding 25 kg shall include necessary attachments to accommodate the fitting of a lifting device e.g. lugs positioned such as to avoid their overturn or fall or move in an uncontrolled way during transport, assembly, dismantling, disabling and scrapping."

5 Modification to 6.2.1, Marking of the machine

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

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

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

6 Modification to 6.3, Instruction handbook

In k) replace the second sentence with: "This includes precautions during setting and machining and instruction on how the following points can be satisfied:"

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

7 Modification to Annex ZA

In the second paragraph, replace: "(except Annex G, 6.3 k) indents 1 to 3" with "except Annex G, 6.3 k) indents 1, 2, 3, 4, 11 and 12" and delete reference to Annex G in the first column of rows 1.2.8 and 1.5.11. In the first column of row 1.2.8 add reference to 5.2.1.3.

8 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 k) indent 1, 2, 3 and 4, confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements 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, 5.3.6, 5.3.7, 5.3.8, 5.4.11, 6.3	a) fitted for its function
Clauses 5 and 6	b) eliminate or reduce the risks, give measures, inform
Clauses 5 and 6	c) intended use and reasonably foreseeable misuse
5.4.5, 6.3	d) constraints in use
5.3.1, 5.4.8, 6.3	e) equipment
5.3.2, 5.3.5, 5.3.6, 5.3.7, 5.4.3	1.1.3 Materials and products
6.3	1.1.4 Lighting
5.2.2, 5.3.7, 5.4.5	1.1.5 Design of machinery to facilitate its handling
5.4.5	1.1.6 Ergonomics
5.2.2, 5.3.6, 6.3	1.1.7 Operating position
5.2.1, 5.2.7, 5.2.8, 5.2.10, 5.4.9,	1.2.1 Safety and reliability of

5.4.10, 5.4.11, Annex G	control systems
5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.3.6, 5.3.7, 6.3	1.2.2 Control devices
5.2.2, 5.2.3, 5.2.6	1.2.3 Starting
5.2.2, 5.2.4, 5.2.5, 5.2.6	1.2.4 Stopping
5.2.4	1.2.4.1 Normal stop
5.2.6	1.2.4.2 Operational stop
5.2.5	1.2.4.3 Emergency stop
5.2.3, 5.2.6	1.2.5 Selection of control or operating modes
5.2.8, 5.4.6, 5.4.10, 5.4.11	1.2.6 Failure of the power supply
5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.3.1, 5.3.2, 5.3.3, 5.3.4, 5.3.5, 5.3.6, 5.3.7, 5.3.8, 6.1, 6.2, 6.3	1.3 Protection against mechanical hazards
5.3.1, 6.3	1.3.1 Risk of loss of stability
5.3.2, 6.3	1.3.2 Risk of break-up during operation
5.3.2, 5.3.3, 5.3.5, 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
5.2.6, 5.2.7, 5.3.6	1.3.6 Risks relating to variations in the operating conditions
5.3.7	1.3.7 Risks related to moving parts
5.3.7, 5.3.8	1.3.8 Choice of protection against risks related to moving parts
5.3.8	1.3.8.1 Moving transmission parts
5.3.7	1.3.8.2 Moving parts involved in the process
5.3.5, 5.3.6	1.3.9 Risk of uncontrolled movements
5.2.1.1, 5.3.7	1.4.1 Required characteristics of guards and protective devices -