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3 პირველად

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

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

Sicherheit von Holzbearbeitungsmaschinen -Kreissägemaschinen - Teil 14: Vertikalplattenkreissägemaschinen

This European Standard was approved by CEN on 22 November 2007 and includes Amendment 1 approved by CEN on 20 August 2009 and Amendment 2 approved by CEN on 30 January 2012.

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

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Cont	Contents Page		
Foreword4			
Introdu	Introduction		
	Scope	_	
1	•		
2	Normative references	7	
3	Terms and definitions	. 10	
3.1			
3.2	▶ Definitions ♠	. 10	
4	List of significant hazards	. 14	
5	Safety requirements and / or measures		
5.1	General		
5.2	Controls		
5.2.1	Safety and reliability of control systems		
5.2.2	Position of controls		
5.2.3 5.2.4	Starting		
5.2.4 5.2.5	Emergency stop		
5.2.5 5.2.6	Cutting cycle on vertical panel sawing machines with integrated feed		
5.2.7	Speed changing		
5.2.8	Failure of the power supply		
5.2.9	Failure of the control circuits		
5.3	Protection against mechanical hazards	. 22	
5.3.1	Stability	. 22	
5.3.2	Hazard resulting from break-up during operation		
5.3.3	Tool holder and tool design		
5.3.4	Braking		
5.3.5	Devices to minimise the possibility or the effect of ejection		
5.3.6	Work piece supports and guides		
5.3.7	Prevention of access to moving parts		
5.3.8	Guarding of drives		
5.4 5.4.1	Protection against non-mechanical hazards		
5.4.1 5.4.2	Noise		
5.4.3	Emission of chips and dust		
5.4.4	Electricity		
5.4.5	Ergonomics and handling		
5.4.6	Pneumatics		
5.4.7	Electromagnetic compatibility		
5.4.8	Static electricity	. 37	
5.4.9	Errors of fitting		
5.4.10	Supply disconnection (isolation)		
5.4.11	Maintenance	. 37	
6	Information for use	. 38	
6.1	Warning devices		
6.2	Marking		
6.2.1	Marking of the machine		
6.2.2	Marking of riving knives and pressure shoes		
6.3	Instruction handbook		
Annex	A (normative) Impact test method for quards	. 44	

A .1	General	44
A.2	Test method	44
A.2.1	Preliminary remarks	44
A.2.2	Testing equipment	44
A.2.3	Projectile for guards	44
A.2.4	Sampling	44
A.2.5	Test procedure	44
A.3	Results	45
A.4	Assessment	45
A.5	Test report	45
A.6	Test equipment for impact test	45
Annex	B (normative) Saw spindle dimensional tolerances	47
Annex	C (normative) Riving knife mounting strength test	48
Annex	D (normative) Riving knife testing - Lateral stability	49
Annex	E (normative) Braking tests	50
E.1	Conditions for all tests	
E.2	Tests	50
E.2.1	Un-braked run-down time	50
E.2.2	Braked run-down time	50
Annex	ZA (informative) A Relationship between this European Standard and the Essential	
	Requirements of EU Directive 2006/42/EC 2	53
Biblio	graphy	57
• ;	y y	• • • • • • • • • • • • • • • • • • • •

Foreword

This document (EN 1870-14:2007+A2:2012) has been prepared by Technical Committee CEN/TC 142 "Woodworking machines - Safety", the secretariat of which is held by UNI.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2012 and conflicting national standards shall be withdrawn at the latest by September 2012.

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

This document includes Amendment 1, approved by CEN on 2009-08-20, and Amendment 2, approved by CEN on 2012-01-30.

This document supersedes (2) EN 1870-14:2007+A1:2009 (42).

The start and finish of text introduced or altered by amendment is indicated in the text by tags [A] and [A] (A2).

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 Ab Machinery Directive Ab.

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document. (A2)

Organisations contributing to the preparation of this European Standard include the European Committee of Woodworking Machinery Manufacturers Association "EUMABOIS".

The European Standards produced by CEN/TC 142 are particular to woodworking machines and complement the relevant A and B Standards on the subject of general safety (see introduction of EN ISO 12100:2010 (A) for a description of A, B and C standards).

EN 1870 Safety of woodworking machines — Circular sawing machines consists of the following parts:

- Part 1: Circular saw benches (with and without sliding table), dimension saws and building site saws;
- A₁) deleted text (A₁
- Part 3: Down cutting cross-cut saws and dual purpose down cutting cross-cut saws/circular saw benches;
- Part 4: Multiblade rip sawing machines with manual loading and/or unloading;
- Part 5: Circular saw benches/up-cutting cross-cut sawing machines;
- Part 6: Circular sawing machines for firewood and dual purpose circular sawing machines for firewood/circular saw benches, with manual loading and/or unloading;
- Part 7: Single blade log sawing machines with integrated feed table and manual loading and/or unloading;
- Part 8: Single blade edging circular rip sawing machines with power driven saw unit and manual loading and/or unloading;

- Part 9: Double blade circular sawing machines for cross-cutting with integrated feed and with manual loading and/or unloading;
- Part 10: Single blade automatic and semi-automatic up-cutting cross-cut sawing machines;
- Part 11: Semi-automatic and automatic horizontal cross-cut sawing machines with one saw unit (radial arm saws);
- Part 12: Pendulum cross-cut sawing machines;
- Part 13: Horizontal beam panel sawing machines;
- Part 14: Vertical panel sawing machines;
- Part 15: Multiblade cross-cut sawing machines with integrated feed of the workpiece and manual loading and/or unloading;
- Part 16: Double mitre sawing machines for V-cutting;
- Part 17: Manual horizontal cutting cross-cut sawing machines with one saw unit (manual radial arm saws);

 A_2

- Part 18: Dimension saws;
- Part 19: Circular saw benches (with and without sliding table) and building site saws. 🔄

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

This document has been prepared to be a harmonised standard to provide one means of conforming to the essential safety requirements of the Machinery Directive, and associated EFTA regulations.

This document is a type C standard as defined in [A] EN ISO 12100:2010 (A).

The machinery concerned and the extent to which hazards, hazardous situations and events covered are indicated in the scope of this document.

When provisions of this type C standard are different from those which are stated in type A or B standards, the provisions of this type C standard take precedence over the provisions of other standards, for machines that have been designed and built according to the provisions of this type C standard.

The requirements of this document are directed to manufacturers and their authorised representatives of vertical panel sawing machines. This document is also useful for designers and importers.

This document also includes provision and examples of information to be provided by the manufacturer to the user.

Common requirements for tooling are given in 🗗 EN 847-1:2005+A1:2007 🔄.