



SLOVENSKI STANDARD
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Safety of woodworking machines - One side moulding machines with rotating tools - Part 1: Single spindle vertical moulding machines

Sicherheit von Holzbearbeitungsmaschinen - Fräsmaschinen für einseitige Bearbeitung mit drehendem Werkzeug - Teil 1: Einspindelige senkrechte Tischfräsmaschinen

Sécurité des machines pour le travail du bois - Machines à fraiser sur une face à outil rotatif - Partie 1: Toupies monobroches à arbre vertical

Ta slovenski standard je istoveten z: EN 848-1:2007/FprA1:2009

ICS:

79.120.10 Lesnoobdelovalni stroji Woodworking machines

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English Version

**Safety of woodworking machines - One side moulding machines
with rotating tools - Part 1: Single spindle vertical moulding
machines**

Sécurité des machines pour le travail du bois - Machines à
fraisier sur une face à outil rotatif - Partie 1: Toupies
monobroches à arbre vertical

Sicherheit von Holzbearbeitungsmaschinen -
Fräsmaschinen für einseitige Bearbeitung mit drehendem
Werkzeug - Teil 1: Einspindelige senkrechte
Tischfräsmaschinen

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 848-1:2007. 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.

This draft amendment was established by CEN 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 Management Centre has the same status as the official versions.

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

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Foreword

This document (EN 848-1:2007/FprA1:2008) 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 848-1:2007/FprA1:2009 (E)**1 Modification to the French title**

In the 3rd element of the title, replace "à broche verticale" with "à arbre vertical".

2 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."

Add the following new standards list: "

EN 848 *Safety of woodworking machines — One side moulding machines with rotating tool* consists of the following parts:

Part 1: Single spindle vertical moulding machines

Part 2: Single spindle hand fed/integrated fed routing machines

Part 3: Numerically controlled (NC) boring and routing machines".

3 Modification to Clause 1, Scope

In NOTE 3, replace "prEN 61029-2-8:2003" with "EN 61029-2-8:2003".

4 Modification to Clause 2, Normative references

Replace the reference EN 61310-1:1995 with "EN 61310-1:2008, Safety of machinery — Indication, marking and actuation — Part 1: Requirements for visual, auditory and tactile signals (IEC 61310-1:2007)".

Delete reference EN 294:1992 and replace it with "EN ISO 13857:2008, Safety of machinery — Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2008)". Replace "EN 294:1992" with "EN ISO 13857:2008" throughout the document.

Replace "EN ISO 13849-1:2006" with "EN ISO 13849-1:2008" and "EN ISO 13849-2:2003" with "EN ISO 13849-2:2008" in Clause 2 and throughout the document.

5 Modification to 5.4.5, Ergonomics and handling

After the last sentence of the 6th paragraph, add the following: "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."

6 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, that 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 3rd paragraph below Figure 20, replace "Table 6 of EN 61310-1:1995" with "Table A.1 of EN 61310-1:2008".

7 Modification to 6.3, Instruction handbook

Add in v) the following NOTE:

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

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

8 Modification to Annex ZA

In the second paragraph, delete the bracket expression "(except Annex F)" and in Table ZA.1, replace reference to "Annex F" with "5.2.1.3" in the row for Essential Requirement 1.2.8.

9 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 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, 5.2.8, 5.4.10, 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, 5.3.9, 6.3	e) equipment
5.3.2, 5.3.7.3, 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
5.2.6, 5.2.7; 5.2.8	1.1.7 Operating position
5.2.1, 5.2.6, 5.2.7, 5.2.8, 5.2.10, 5.4.8, 5.4.10, Annex F	1.2.1 Safety and reliability of control systems

5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.2.8, 6.3	1.2.2 Control devices
5.2.2, 5.2.3, 5.2.6, 5.2.7, 5.2.8	1.2.3 Starting
5.2.2, 5.2.4, 5.2.5, 5.2.8	1.2.4 Stopping
5.2.4	1.2.4.1 Normal stop
5.2.8	1.2.4.2 Operational stop
5.2.5	1.2.4.3 Emergency stop
5.2.6, 5.2.7, 5.2.8, 6.3	1.2.5 Selection of control or operating mode
5.2.9, 5.4.6, 5.4.7, 5.4.10	1.2.6 Failure of the power supply
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	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, 5.2.8	1.3.6 Risks relating to variations in the operating conditions
5.2.6, 5.2.8, 5.3.7	1.3.7 Risks related to moving parts
5.3.7	1.3.8 Choice of protection against risks related to moving parts
5.3.7.2	1.3.8.1 Moving transmission parts
5.3.7.1	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
5.3.7	1.4.2.1 Fixed guards
5.3.7	1.4.2.2 Interlocking movable guards