

SLOVENSKI STANDARD
SIST EN 848-2:2007/kFprA1:2009
01-junij-2009

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Safety of woodworking machines - One side moulding machines with rotating tool - Part
2: Single spindle hand fed/integrated fed routing machines

Sicherheit von Holzbearbeitungsmaschinen - Fräsmaschinen für einseitige Bearbeitung
mit drehendem Werkzeug - Teil 2: Einspindelgehäuse Oberfräsmaschinen mit
Handvorschub/mechanischem Vorschub

Sécurité des machines pour le travail du bois - Machines à fraiser sur une face à outil
rotatif - Partie 2: Défonceuses monobroches à avance manuelle/mécanisée

Ta slovenski standard je istoveten z: EN 848-2:2007/FprA1

ICS:

79.120.10 Lesnoobdelovalni stroji Woodworking machines

SIST EN 848-2:2007/kFprA1:2009 en,fr

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

FINAL DRAFT
EN 848-2:2007

FprA1

April 2009

ICS 79.120.10

English Version

**Safety of woodworking machines - One side moulding machines
with rotating tool - Part 2: Single spindle hand fed/integrated fed
routing machines**

Sécurité des machines pour le travail du bois - Machines à
fraiser sur une face à outil rotatif - Partie 2: Défonceuses
monobroches à avance manuelle/mécanisée

Sicherheit von Holzbearbeitungsmaschinen -
Fräsmaschinen für einseitige Bearbeitung mit drehendem
Werkzeug - Teil 2: Einspindelige Oberfräsmaschinen mit
Handvorschub/mechanischem Vorschub

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 848-2:2007. 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

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Foreword

This document (EN 848-2:2007/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 848-2:2007/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."

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".

2 Modification to Clause 1, Scope

In NOTE 4, replace "prEN 61029-2-8:2002" with "EN 61029-2-8:2003".

3 Modification to Clause 2, Normative references

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

4 Modification to 5.4.5, Ergonomics and handling

Add at the end of the 6th paragraph, add the following new sentence: "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."

5 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;"

6 Modification to 6.3, Instruction handbook

Add in u) the following NOTE:

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

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

7 Modification to Annex ZA

In Annex ZA, second paragraph, add "except Essential Requirement 2.2" after "relevant Essential Requirements" to read: "relevant Essential Requirements except Essential Requirement 2.2".

Delete the right column of Table ZA.1.

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 confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements, except Essential Requirements 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, 5.2.8, 5.2.9, 5.4.12, 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, 5.3.3, 5.3.10, 6.3	e) equipment
5.3.2, 5.3.8, 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
5.4.3, 6.3	1.1.7 Operating position
5.2.1, 5.2.5, 5.2.6, 5.2.7, 5.2.8,	1.2.1 Safety and reliability of

5.2.11, 5.4.4, 5.4.12	control systems
5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.2.7, 5.2.8, 5.2.9, 6.3	1.2.2 Control devices
5.2.2, 5.2.3, 5.2.7, 5.2.9	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
5.2.5	1.2.4.2 Operational stop
5.2.6	1.2.4.3 Emergency stop
5.2.7, 5.3.3.5, 6.3	1.2.5 Selection of control or operating mode
5.2.7, 5.2.8, 5.2.10, 5.4.4, 5.4.11	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
5.2.7, 5.2.8, 5.2.9, 5.3.9, 6.3	1.3.6 Risks relating to variations in the operating conditions
5.2.11, 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
5.2.5, 5.3.5, 5.3.6, 5.3.7	1.3.9 Risk of uncontrolled movements
5.3.5, 5.3.6, 5.3.7, 5.3.9	1.4.1 Required characteristics of guards and protective devices - General requirements
5.3.6, 5.3.7	1.4.2.1 Fixed guards