



**SLOVENSKI STANDARD**  
**SIST EN 848-3:2007/kprA1:2009**  
**01-maj-2009**

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**Varnost lesnoobdelovalnih strojev - Rezkalniki z vrtilnim orodjem za enostransko obdelavo - 3. del: Numerično krmiljeni (NC) vrtalni in rezkalni stroji**

Safety of woodworking machines - One side moulding machines with rotating tools - Part 3: Numerically controlled (NC) boring and routing machines

Sicherheit von Holzbearbeitungsmaschinen - Fräsmaschinen für einseitige Bearbeitung mit drehendem Werkzeug - Teil 3: NC-Bohr- und Fräsmaschinen

Sécurité des machines pour le travail du bois - Machines à fraiser sur une face à outil rotatif - Partie 3: Perceuses et défonceuses à commande numérique

**Ta slovenski standard je istoveten z: EN 848-3:2007/prA1**

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**ICS:**

25.040.20	Številčno krmiljeni stroji	Numerically controlled machines
79.120.10	Lesnoobdelovalni stroji	Woodworking machines

**SIST EN 848-3:2007/kprA1:2009**      **en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**FINAL DRAFT**  
**EN 848-3:2007**

**prA1**

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ICS 79.120.10

English Version

## Safety of woodworking machines - One side moulding machines with rotating tools - Part 3: Numerically controlled (NC) boring and routing machines

Sécurité des machines pour le travail du bois - Machines à  
fraisier sur une face à outil rotatif - Partie 3: Perceuses et  
défonceuses à commande numérique

Sicherheit von Holzbearbeitungsmaschinen -  
Fräsmaschinen für einseitige Bearbeitung mit drehendem  
Werkzeug - Teil 3: NC-Bohr- und Fräsmaschinen

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 848-3:2007. 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 848-3:2007/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 Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document.

**EN 848-3:2007/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."

**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 "EN 294:1992" with "EN ISO 13857:2008" throughout the document.*

**3 Modification to 5.4.5, Ergonomics and handling**

*Add at the end of 4<sup>th</sup> 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;"*

*Delete d) and renumber the following items.*

**5 Modification to 6.3, Instruction handbook**

*Add in l) the following NOTE:*

"NOTE 1 Information on noise emission should also be provided in the sales literature."

*In o), replace "NOTE" with "NOTE 2".*

*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 the second paragraph, replace "(except Annex F)" with ", except Annex F,"*, add "given in Table ZA.1" after "normative clauses of this standard", in the title replace "Table ZA" with "Table ZA.1" and in Table ZA.1, delete ", Annex F" in lines 1.2.8 and 1.5.11, replace "5.4.8" with "5.4.10" in row 1.5.11 and add "5.2.1.3" in row 1.2.8 and deleted the last column.

## 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 given in Table ZB.1 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, 5.3.6, 5.3.8, 5.4.14, 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, 5.4.9, 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
5.4.6, 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
6.3	1.1.7 Operating position
5.2.1, 5.2.7, 5.2.8, 5.2.11, 5.4.13, 5.4.14, Annex F	1.2.1 Safety and reliability of control systems



5.2.2, 5.2.3, 5.2.4, 5.2.5, 5.2.7, 6.3	1.2.2 Control devices
5.2.2, 5.2.3, 5.2.7	1.2.3 Starting
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
5.2.7, 5.2.8, 6.3	1.2.5 Selection of control or operating mode
5.2.10, 5.4.7, 5.4.13, 5.4.14	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, 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
5.2.8, 5.3.7	1.3.6 Risks relating to variations in the operating conditions
5.3.2, 5.3.3, 5.3.5, 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	1.3.8.2 Moving parts involved in the process
5.3.5, 5.3.6	1.3.9 Risk of uncontrolled movements
5.2.1.2, 5.3.7	1.4.1 Required characteristics of guards and protective devices - General requirements
5.3.2, 5.3.7	1.4.2.1 Fixed guards
5.3.7.1.2.4, 5.3.7.2, 5.3.7.4	1.4.2.2 Interlocking movable guards