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Standards

Irish Standard
I.S. EN 1218-5:2004+A1:2009

Safety of woodworking machines - Tenoning machines - Part 5: One side profiling machines with fixed table and feed rollers or feed chain

I.S. EN 1218-5:2004+A1:2009

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English Version

Safety of woodworking machines - Tenoning machines - Part 5: One side profiling machines with fixed table and feed rollers or feed chain

Sécurité des machines pour le travail du bois -
Tenonneuses - Partie 5: Machines à profiler sur une face à
table fixe et avance par rouleaux ou par chaîne

Sicherheit von Holzbearbeitungsmaschinen -
Zapfenschneid- und Schlitzmaschinen - Teil 5: Einseitige
Profiliermaschinen mit festem Tisch und mit Vorschubrollen
oder mit Kettenbandvorschub

This European Standard was approved by CEN on 24 March 2004 and includes Corrigendum 1 issued by CEN on 20 December 2006 and Amendment 1 approved by CEN on 30 July 2009.

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This European Standard exists 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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





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Foreword

This document (EN 1218-5:2004+A1:2009) has been prepared by the Technical Committee CEN/TC 142 "Woodworking machines - Safety", the secretariat of which is held by UNI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2010, and conflicting national standards shall be withdrawn at the latest by March 2010.

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 2009-07-30 and Corrigendum 1, issued by CEN on 2006-12-20.

This document supersedes EN 1218-5:2004.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**.

The modifications of the related CEN Corrigendum have been implemented at the appropriate places in the text and are indicated by the tags **AC** **AC**.

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 **A1** Machinery Directives **A1**.

A1 For relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document. **A1**

A1 EN 1218 *Safety of woodworking machines — Tenoning machines* consists of the following parts:

Part 1: Single end tenoning machines with sliding table

Part 2: Double end tenoning and/or profiling machines fed by chain or chains

Part 3: Hand fed tenoning machines with sliding table for cutting structural timbers

Part 4: Edge banding machines fed by chain(s)

Part 5: One side profiling machines with fixed table and feed rollers or feed chain **A1**



Organisations contributing to the preparation of this European Standard include 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 12100-1:2003 for a description of A, B and C standards).

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, 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 and 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 stated in  EN ISO 12100-1:2003 .

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 C type standard take precedence over the provisions of other standards, for machines that have been designed and built in accordance with the provisions of this type C standard.

The requirements of this document are directed to manufacturers and their authorised representatives of one side profiling machines with fixed table and feed rollers or feed chain. It is also useful for designers.

This document also includes information which can be provided by the manufacturer to the user.

Common requirements for tooling are given in  EN 847-1:2005 .

1 Scope

A1 This document specifies all significant hazards, hazardous situations and events as listed in Clause 4 which are relevant to one side profiling machines with fixed table and feed rollers or feed chain hereinafter referred to as "machines", where the loading and unloading is manual and where the maximum work-piece height capacity is 200 mm. The machine is designed to process in one pass one side of solid wood, chip board, fibreboard or plywood and also these materials where they are covered with plastic laminate. The work-piece is fed through the processing units by an integrated feed consisting of rollers or a chain. **A1**

A1 *deleted text* **A1**

This document does not apply to transportable machines.

This document does not deal with any hazards relating to:

- a) mechanical loading and/ or unloading of the work-piece; or
- b) a machine being used in combination with any other machine (as part of a line); or
- c) use of laser.

For Computer Numerically Controlled (CNC) machines this document does not cover hazards related to Electro-Magnetic Compatibility (EMC).

NOTE 1 The requirements of this document apply to all machines whatever their method of control e.g. electromechanical and/or electronic.

This document is primarily directed to machines which are manufactured after the date of publication by CEN.

NOTE 2 Single end tenoning machines with sliding table are dealt with in EN 1218-1:1999. Double end tenoning and/or profiling machines fed by chain or chains are dealt with in EN 1218-2. Single end tenoning machines where the tenon is produced only by means of saw-blades are dealt with in EN 1218-3.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

A1 *deleted text* **A1**

A1 EN 614-1:2006, *Safety of machinery — Ergonomic design principles — Part 1: Terminology and general principles* **A1**

A1 EN 847-1:2005 **A1**, *Tools for woodworking — Safety requirements — Part 1: Milling tools and circular sawblades*

A1 EN 894-1:1997, *Safety of machinery — Ergonomics requirements for the design of displays and control actuators — Part 1: General principles for human interactions with displays and control actuators*

EN 894-2:1997, *Safety of machinery — Ergonomics requirements for the design of displays and control actuators — Part 2: Displays*

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