

Irish Standard I.S. EN 861:2007+A2:2012

Safety of woodworking machines -Surface planing and thicknessing machines

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Safety of woodworking machines - Surface planing and thicknessing machines

Sécurité des machines pour le travail du bois - Machines combinées à raboter et à dégauchir

Sicherheit von Holzbearbeitungsmaschinen - Kombinierte Abricht- und Dickenhobelmaschinen

This European Standard was approved by CEN on 10 May 2007 and includes Amendment 1 approved by CEN on 16 July 2009 and Amendment 2 approved by CEN on 20 May 2012.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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-CENELEC Management Centre has the same status as the official versions.

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EN 861:2007+A2:2012 (E)

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Foreword

This document (EN 861:2007+A2:2012) has been prepared by 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of an identical text or by endorsement, at the latest by December 2012, and conflicting national standards shall be withdrawn at the latest by December 2012.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 2009-07-16, Corrigendum 1, issued by CEN on 2008-10-29 and Amendment 2, issued by CEN on 2012-05-20.

This document supersedes (A) EN 861:2007+A1:2009 (A).

The start and finish of text introduced or altered by amendment is indicated in the text by tags $\boxed{\mathbb{A}}$ $\boxed{\mathbb{A}}$ $\boxed{\mathbb{A}}$ $\boxed{\mathbb{A}}$ $\boxed{\mathbb{A}}$

The modifications of the related CEN Corrigendum have been implemented at the appropriate places in the text and are indicated by the tags $\boxed{\mathbb{AC}}$ $\boxed{\mathbb{AC}}$.

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 the Machinery Directive.

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

Organisation contributing to the preparation of the European Standard include the European Association of Manufacturer of Woodworking Machines "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).

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.

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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 [A] EN ISO 12100:2010 [A].

The machinery concerned and the extent to which hazards, hazardous situations and events are 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 surface planing and thicknessing machines. They are 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 🔄.

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1 Scope

Machines which are designed to work wood based materials may also be used for thicknessing hardened plastic materials with similar physical characteristics as wood. (42)

This document does not deal with any hazards which result from the attachment of an optional mortising unit. These hazards are covered by (A2) EN 940:2009+A1:2012 (A2).

This document does not apply to:

a) machines set up on a bench or a table similar to a bench, which are intended to carry out work in a stationary position, capable of being lifted by one person by hand;

NOTE 1 Transportable motor-operated electric tools are covered by the requirements of $\boxed{\mathbb{A}}$ EN 61029-1:2009 $\boxed{\mathbb{A}}$ together with $\boxed{\mathbb{A}}$ EN 61029-2-3:2011 $\boxed{\mathbb{A}}$.

- surface planing and thicknessing machines where the cutterblock is adjustable for depth of cut setting in thicknessing mode;
- c) machines where the conversion from planing to thicknessing mode or vice versa is achieved by mounting or demounting parts/units;
- d) machines where surfacing and thicknessing can be performed at the same time.

This document is not applicable to surface planing and thicknessing machines which are manufactured before the date of its publication as EN.

NOTE 2 Machines covered by this document are listed under A.5 of Annex IV of the Machinery Directive.

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)

♠ EN 847-1:2005+A1:2007 ♠ Tools for woodworking — Safety requirements — Part 1: Milling tools, circular saw blades

A₂ deleted text (A₂

♠ EN 1005-2:2003+A1:2008 ♠ Safety of machinery — Human physical performance — Part 2: Manual handling of machinery and component parts of machinery

EN 1005-4:2005+A1:2008 (Ag), Safety of machinery — Human physical performance — Part 4: Evaluation of working postures and movements in relation to machinery



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