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Irish Standard
I.S. EN 691-1:2012

Safety of woodworking machines - Part 1: Common requirements

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EN 691-1

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English Version

Safety of woodworking machines - Part 1: Common requirements

Sécurité des machines pour le travail du bois - Partie 1: Prescriptions communes

Sicherheit von Holzbearbeitungsmaschinen - Teil 1: Gemeinsame Anforderungen

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Foreword

This document (EN 691-1:2012) 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of an identical text or by endorsement, at the latest by April 2013, and conflicting national standards shall be withdrawn at the latest by April 2013.

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 has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This document, EN 691-1, which concerns general requirements which are common to most woodworking machines, is intended to be used with the parts XX of EN 691, i.e.:

— EN 691-XX: Requirements for particular types of woodworking machines which either supplement or modify the requirements given in EN 691-1 to account for the particular hazards and characteristics of these specific machines.

Compliance with the relevant clauses of EN 691-1 together with a relevant EN 691-XX provides one means of conforming with the essential health and safety requirements of the Machinery Directive.

Organisations contributing to the preparation of this document 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 12100:2010 for a description of A, B and C standards).

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, 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 is a type C standard as stated in EN ISO 12100:2010.

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 and B standards, the provisions of this 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 woodworking machines. They are also useful for designers and importers.

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

Requirements for milling tools, circular saw blades are given in EN 847-1:2005+A1:2007, for the shank of shank mounted milling tools in EN 847-2:2001, for clamping devices in EN 847-3:2004.

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1 Scope

This European Standard is applicable to woodworking machines with cutting tools and/or sanding tools as defined in 3.2.1, when they are used as intended and under the conditions foreseen by the manufacturer.

This document deals with some but not all significant hazards, hazardous situations and events relevant to woodworking machines: those that are common to most of such machines and are listed in Clause 4.

When a relevant part EN 691-XX does not exist, EN 691-1 can help to establish the requirements for the machine, but will not by itself provide a means of conforming to the relevant essential health and safety requirements of the Machinery Directive. In this case a risk assessment should be performed.

NOTE 1 Reasonably foreseeable misuse of machines is dealt with in the relevant parts EN 691-XX.

This document is not applicable to:

— 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, having a mass not exceeding 25 kg; the bench can also be an integrated part of the machine if it consists of hinged legs which can be extended down;

NOTE 2 A relevant part EN 691-XX may define different criteria for delimiting the Scope.

NOTE 3 Transportable electrically driven machines excluded by the Scope of this document are covered by the requirements of EN 61029-1:2009 and parts of EN 61029-2-XX.

— hand held woodworking machines (hand held motor operated tools) or any adaptation permitting their use in a different mode, i.e. bench mounting.

NOTE 4 Driven hand held motor operated tools are covered by EN 60745-1:2009 and parts of EN 60745-2-XX.

NOTE 5 Machines for capturing and extracting dust are covered by EN 12779:2004+A1:2009.

This document is not applicable to woodworking machines which are manufactured before the date of its publication as EN.

NOTE 6 This document covers also woodworking machines which fulfil the criteria of the Machinery Directive, Annex IV.

2 Normative references

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

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

EN 847-2:2001[1)], *Tools for woodworking — Safety requirements — Part 2: Requirements for the shank of shank mounted milling tools*

EN 847-3:2004, *Tools for woodworking — Safety requirements — Part 3: Clamping devices*

EN 894-1:1997+A1:2008, *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*

1) This document is impacted by the corrigendum EN 847-2:2001/AC:2003.

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