



NSAI
Standards

Irish Standard
I.S. EN 12268:2014

Food processing machinery - Band saw machines - Safety and hygiene requirements

I.S. EN 12268:2014

Incorporating amendments/corrigenda/National Annexes issued since publication:

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Food processing machinery - Band saw machines - Safety and hygiene requirements

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Prescriptions relatives à la sécurité et à l'hygiène

Nahrungsmittelmaschinen - Bandsägemaschinen -
Sicherheits- und Hygieneanforderungen

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EN 12268:2014 (E)

Foreword

This document (EN 12268:2014) has been prepared by Technical Committee CEN/TC 153 “Machinery intended for use with foodstuffs and feed”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by May 2015 and conflicting national standards shall be withdrawn at the latest by May 2015.

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 supersedes EN 12268:2003+A1:2010.

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 EU Directive 2006/42/EC.

For relationship with EU Directive 2006/42/EC, see informative Annex ZA, which is an integral part of this document.

Significant changes:

The significant changes with respect to the previous edition EN 12268:2003+A1:2010 are listed below:

- Clause 1: clarification of the scope; new clause to describe the machine types; displacement of requirements in the appropriate clauses;
- Clause 2: normative references updated;
- Clause 3: terms partly revised (e.g. fixed feed table); consistent use throughout the standard;
- Clause 4: new presentation in a table;
- Clause 5: new 5.2 according to the danger zones; more specific requirements to product pusher, protective rail and blade guide;
- Clause 6: verification list updated;
- Clause 7: completion of 7.2 with all information referred to in Clause 5, now including operator training; 7.3 now contains the marking;
- annexes: old Annex C “Common hazard” deleted and shifted into appropriate clauses;
- figures partly renewed.

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, 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.

Introduction

This document is a type C standard as stated in EN ISO 12100.

The machinery concerned and the extent to which hazards, hazardous situations and hazardous 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 the other standards, for machines that have been designed and built according to the provisions of this type C standard.

EN 12268:2014 (E)

1 Scope

1.1 General

This European Standard specifies requirements for the design and manufacturing of band saw machines as described in 1.2 (see Figures 1 to 5).

The machines covered by this European Standard are used to cut:

- bones;
- fresh or deep frozen meat with or without bones;
- fresh or deep frozen fish, natural or in fillets;
- deep frozen block food products;
- fresh or deep frozen vegetables;
- other products such as pork fat or similar products.

The band saw machines covered by this European Standard do not include band saw machines for processing wood and similar materials which are covered by the EN 1807 series.

Band saw machines for domestic use are not included in this European Standard.

This European Standard is not applicable to band saw machines which were manufactured before its date of publication as EN.

This European Standard deals with all significant hazards, hazardous situations and events relevant to band saw machines, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4).

This European Standard deals with the hazards which can arise during all the lifetime of the machine, including the phases of transport, assembly, commissioning, operation, cleaning, use, maintenance, decommissioning, dismantling, disabling and scrapping of the machine.

This European Standard covers the following types of machines:

- band saw machines designed as table-top machines with and without base;
- band saw machines designed as floor-type machines with and without castors.

1.2 Description of various machine types

1.2.1 General

Band saw machines consist of a machine casing, a fixed feed table or a sliding feed table, a roller conveyor or conveyor belt, a product pusher, a height-adjustable protective rail, a top and a bottom wheel, a saw blade, an upper and lower blade guide, a blade tensioning device, a drive and electrical components, depending on machine type. This standard does not deal with machinery with automatic loading/unloading systems (e.g. automatic conveyors).

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