



NSAI
Standards

Irish Standard
I.S. EN 16743:2016

Food processing machinery - Automatic industrial slicing machines - Safety and hygiene requirements

I.S. EN 16743:2016

Incorporating amendments/corrigenda/National Annexes issued since publication:

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

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National Foreword

I.S. EN 16743:2016 is the adopted Irish version of the European Document EN 16743:2016, Food processing machinery - Automatic industrial slicing machines - Safety and hygiene requirements

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EUROPEAN STANDARD

EN 16743

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2016

ICS 67.260

English Version

Food processing machinery - Automatic industrial slicing machines - Safety and hygiene requirements

Machines pour les produits alimentaires - Trancheurs automatiques industriels - Prescriptions relatives à la sécurité et l'hygiène

Nahrungsmittelmaschinen - Automatische Schneidemaschinen für den industriellen Einsatz - Sicherheits- und Hygieneanforderungen

This European Standard was approved by CEN on 1 November 2015.

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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents	Page
European foreword	4
Introduction	5
1 Scope	6
1.1 General	6
1.2 Machine description	6
1.3 Machine design	13
1.4 Intended use	14
2 Normative references	14
3 Terms and definitions	15
4 List of significant hazards	18
5 Safety and hygiene requirements and/or protective measures	20
5.1 General	20
5.2 Mechanical hazards	20
5.2.1 General	20
5.2.2 Zone 1 – Driven components in the feed area	21
5.2.3 Zone 2 – Driven components in the outfeed area	24
5.2.4 Zone 3 – Movable guards	25
5.2.5 Zone 4 – Blades	26
5.2.6 Zone 5 – Blade fixation	28
5.2.7 Zone 6 – Safety shutter	28
5.2.8 Zone 7 – Gripper	28
5.2.9 Conveyor belts	29
5.2.10 Exposed oscillating conveyor belts	29
5.2.11 Drive components in the machine housing	30
5.2.12 Guards for moving blades	30
5.3 Electrical hazards	31
5.3.1 General	31
5.3.2 Emergency stop-device	31
5.3.3 Protection against water ingress	32
5.3.4 ON- and OFF-command switches	33
5.4 Hydraulic and pneumatic hazards	33
5.5 Hazards due to instability	33
5.6 Noise reduction	33
5.7 Ergonomic requirements	33
5.8 Hygiene and cleaning	34
5.8.1 General	34
5.8.2 Food area	36
5.8.3 Splash area	36
5.8.4 Non-food area	36
5.8.5 Surface condition	37
5.8.6 Cleaning	37
6 Verification of safety and hygiene requirements and/or protective measures	37
7 Information for use	39
7.1 General	39

7.2	Instruction handbook	39
7.3	Marking	41
Annex A (normative) Noise test code for automatic industrial slicing machines (grade 2).....		
		42
A.1	Determination of the emission sound pressure level	42
A.2	Installation and mounting conditions.....	42
A.3	Operating conditions.....	42
A.4	Measurement	42
A.5	Information to be recorded	42
A.6	Information to be reported.....	42
A.7	Declaration and verification of noise emission values	43
Annex B (normative) Design principles to ensure the cleanability of automatic industrial slicing machines and auxiliary components.....		
		44
B.1	Terms and definitions.....	44
B.2	Materials of construction.....	45
B.2.1	General	45
B.2.2	Type of materials.....	45
B.3	Design	45
B.3.1	General	45
B.3.2	Food area	45
B.3.3	Splash Area.....	47
B.3.4	Non-food area.....	49
B.3.5	Machines standing on a floor - mobile machines	49
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC.....		
		50
Bibliography		51

EN 16743:2016 (E)

European foreword

This document (EN 16743:2016) 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 July 2016, and conflicting national standards shall be withdrawn at the latest by July 2016.

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, 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.

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 European Standard is a type-C-standard as stated in EN ISO 12100.

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 the other standards, for machines that have been designed and built according to the provisions of this type-C-standard.

EN 16743:2016 (E)

1 Scope

1.1 General

This European Standard specifies requirements relating to the design and construction of automatic industrial slicing machines and auxiliary components.

The automatic industrial slicing machines covered by this standard are used for the cutting of meat and sausage products, cheese or other sliceable food products that can be cut using one or more blades. Automatic industrial slicing machines are designed to cut slices.

A sickle blade or an eccentrically moving blade is used for cutting. As a rule, the product only moves along one axis during the cutting process.

The auxiliary components covered by this standard are used for conveying slices from the cutting zone, for weighing or for sorting.

This European Standard covers all the significant hazards, hazardous situations and hazardous events identified by means of risk assessment associated with automatic industrial slicing machines and auxiliary components if they are used in accordance with regulations and under the conditions of reasonably foreseeable misuse defined by the manufacturer (see Clause 4).

This standard covers hazards which can arise during the commissioning, operation, cleaning, servicing and decommissioning of the machine.

This standard only applies to automatic industrial slicing machines and auxiliary components that were manufactured after the date of publication of this standard.

This standard applies to automatic industrial slicing machines and auxiliary components designed for industrial use. These are machines which are usually used in food processing facilities. The machines are normally permanently installed in one place.

This standard does not apply to cutting machines with moving infeed slides, slicing machines that are used in for example shops, restaurants, supermarkets, canteens etc. and are already covered in EN 1974.

This standard does not apply to portion cutting machines which are manufactured and put on the market in accordance with the requirements specified in EN 13870.

1.2 Machine description

This standard covers the following designs (see Figure 1 to Figure 7):

Design variations in the feed area:

- automatic industrial slicing machine with manual feed;
- automatic industrial slicing machine with automatic feed;
- automatic industrial slicing machine with continuous feed.

Design variations in the outfeed area:

- automatic industrial slicing machine with outfeed conveyor, without depositing unit and without subsequent auxiliary components;
- automatic industrial slicing machine with depositing unit and if necessary with subsequent auxiliary components.

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