SLOVENSKI STANDARD
SIST EN 16474:2026

01-februar-2026

Stroji za predelavo gume in plastike - Stiskalnice za vulkaniziranje - Varnostne zahteve

Plastics and rubber machines - Tyre curing machines - Safety requirements

Kunststoff- und Gummimaschinen - Reifenvulkanisiermaschinen - Sicherheitsanforderungen

Machines pour les matières plastiques et le caoutchouc - Machines à vulcaniser les pneumatiques - Prescriptions de sécurité

Ta slovenski standard je istoveten z: **EN 16474:2025**

ICS:

25.120.10	Kovaški stroji. Stiskalnice. Škarje	Forging equipment. Presses. Shears
83.200	Oprema za gumarsko industrijo in industrijo polimernih materialov	Equipment for the rubber and plastics industries

SIST EN 16474:2026 **en,fr,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
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EN 16474

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ICS 83.200

Supersedes EN 16474:2015

English Version

Plastics and rubber machines - Tyre curing machines - Safety requirements

Machines pour les matières plastiques et le caoutchouc - Machines à vulcaniser les pneumatiques - Exigences de sécurité

Kunststoff- und Gummimaschinen - Reifenvulkanisiermaschinen - Sicherheitsanforderungen

This European Standard was approved by CEN on 18 August 2025.

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

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 16474:2025) has been prepared by Technical Committee CEN/TC 145 “Plastics and rubber machines”, 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of an identical text or by endorsement, at the latest by April 2026 and conflicting national standards shall be withdrawn at the latest by April 2026.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 16474:2015.

In comparison with the previous edition, the following technical modifications have been made:

— modification of the scope including machines for bicycle and motorcycle tyres and Post Curing Inflator (PCI);

— consideration of revised type-A and type-B standards;

— added safety requirements for Post Curing Inflator;

— added requirements related to rescue movement for the movable upper part and the loading device;

— introduced fire hazard and related safety requirements;

— considered the possibility to leave pressurized the bladder above the semi-closed position for a limited time and also when safeguards are activated and to increase the pressure above the threshold for a very short time;

— considered the possibility to install a shield in order to leave pressurized the bladder below the semi-closed position for a limited time when safeguards are activated.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annexes ZA and ZB, which are an integral part of this document.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Introduction

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

This document is of relevance, in particular, for the following stakeholder groups representing the market players with regard to machinery safety:

— machine manufacturers (small, medium and large enterprises);

— health and safety bodies (regulators, accident prevention organizations, market surveillance etc.).

Others can be affected by the level of machinery safety achieved with the means of the document by the above-mentioned stakeholder groups:

— machine users/employers (small, medium and large enterprises);

— machine users/employees (e.g. trade unions, organizations for people with special needs);

— service providers, e.g. for maintenance (small, medium and large enterprises);

— consumers (in case of machinery intended for use by consumers).

The above-mentioned stakeholder groups have been given the possibility to participate at the drafting process of this document.

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 type-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 in accordance with the provisions of this type-C standard.