

**TÖÖPINKIDE OHUTUS. PRESSID. OSA 4:
PNEUMAATILISTE PRESSIDE OHUTUSNÕUDED**

Machine tools safety - Presses - Part 4: Safety
requirements for pneumatic presses (ISO
16092-4:2019)

EESTI STANDARDI EESSÕNA**NATIONAL FOREWORD**

See Eesti standard EVS-EN ISO 16092-4:2020 sisaldab Euroopa standardi EN ISO 16092-4:2020 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 16092-4:2020 consists of the English text of the European standard EN ISO 16092-4:2020.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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English Version

Machine tools safety - Presses - Part 4: Safety requirements for pneumatic presses (ISO 16092-4:2019)

Sécurité des machines outils - Presses - Partie 4:
Exigences de sécurité pour les presses pneumatiques
(ISO 16092-4:2019)

Werkzeugmaschinen - Sicherheit von Pressen - Teil 4:
Pneumatische Pressen (ISO 16092-4:2019)

This European Standard was approved by CEN on 29 July 2020.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN ISO 16092-4:2020) has been prepared by Technical Committee ISO/TC 39 "Machine tools" in collaboration with Technical Committee CEN/TC 143 "Machine tools - Safety" the secretariat of which is held by SNV.

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of an identical text or by endorsement, at the latest by March 2021, and conflicting national standards shall be withdrawn at the latest by March 2021.

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 13736:2003+A1:2009.

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(s).

For the relationship with EU Directive(s) 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, 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, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 16092-4:2019 has been approved by CEN as EN ISO 16092-4:2020 without any modification.

Annex ZA (informative)

Relationship between this European Standard and the essential requirements of EU Directive 2006/42/EC aimed to be covered

This European Standard has been prepared under a Commission's standardization request "M/396 Mandate to CEN and CENELEC for Standardisation in the field of machinery " to provide one voluntary means of conforming to essential requirements of Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC (recast).

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive, and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and Annex I of Directive 2006/42/EC

The relevant Essential Requirements of Directive 2006/42/EC	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
1.1.2 Principles of safety integration	5.1	
1.1.8 Seating		not covered
1.2. Control systems	5.2/5.3.7/5.4/5.5	
1.3.3 Risk due to falling or ejected objects	5.3.6/5.3.7	
1.3.7 Risks related to moving parts	5.5	
1.3.8 Choice of protection against risks arising from moving parts	5.5	
1.3.9 Risks of uncontrolled movements	5.4.1/5.4.6/5.4.7/5.5	
1.4 Required characteristics of guards and protective devices	5.3.2/5.4.1/5.4.7/5.5	
1.5.3 Energy supply other than electricity	5.2.3	
1.5.4 Errors of fitting		not covered
1.6.1 Machinery maintenance	5.5	
1.7 Information	7	

The relevant Essential Requirements of Directive 2006/42/EC	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
1.7.4	7.4	

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

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Foreword

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This document was prepared by Technical Committee ISO/TC 39, *Machine tools*, Subcommittee SC 10, *Safety*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

A list of all parts in the ISO 16092 series can be found on the ISO website.