DIN EN 620



ICS 53.040.10

Supersedes DIN EN 620:2002-08

Continuous handling equipment and systems – Safety and EMC requirements for fixed belt conveyors for bulk materials (includes Amendment A1:2010) English translation of DIN EN 620:2011-07

Stetigförderer und Systeme -

Sicherheits- und EMV-Anforderungen an ortsfeste Gurtförderer für Schüttgut (enthält Änderung A1:2010)

Englische Übersetzung von DIN EN 620:2011-07

Equipements et systèmes de manutention continue -

Prescriptions de sécurité et de CEM pour les transporteurs à courroie fixes pour produits en vrac (Amendement A1:2010 inclus)

Traduction anglaise de DIN EN 620:2011-07

Document comprises 59 pages

lin.de

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

06 11 180567

A comma is used as the decimal marker.

National foreword

This standard includes safety requirements.

This standard has been prepared by Technical Committee CEN/TC 148 "Continuous handling equipment and systems — Safety" (Secretariat: AFNOR, France).

The responsible German body involved in its preparation was the *Normenausschuss Maschinenbau* (Mechanical Engineering Standards Committee), Working Committee NA 060-22-31 AA *Stetigförderer* of Section *Fördertechnik*.

Representatives of manufacturers and users of continuous handling equipment, and of the employers' liability insurance associations contributed to this standard.

This standard contains specifications meeting the essential requirements set out in Annex I of the "Machinery Directive", Directive 2006/42/EC, and which apply to machines that are either first placed on the market or commissioned within the EEA. This standard serves to facilitate proof of compliance with the essential requirements of the directive.

Once this standard is cited in the Official Journal of the European Union, it is deemed a "harmonized" standard and thus, a manufacturer applying this standard may assume compliance with the requirements of the Machinery Directive ("presumption of conformity").

The European Standards referred to in this document have been published as the corresponding DIN EN or DIN EN ISO Standards with the same number.

Where the International Standards referred to are not also DIN ISO Standards with the same number, there are no national standards available, except for the following:

ISO 2148 DIN 15201-1

ISO 6184-1 DIN EN 26184-1

Amendments

This standard differs from DIN EN 620:2002-08 as follows:

- a) the standard has been revised and brought in line with the new Machinery Directive 2006/42/EC;
- b) Annex ZA (informative) "Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC" has been updated;
- c) Annex ZB (informative) "Coverage of Essential Requirements of EU Directives" has been modified on the basis of the new EMC Directive 2004/108/EC.

Previous editions

DIN EN 620: 2002-08

National Annex NA (informative)

Bibliography

DIN 15201-1, Continuous mechanical handling equipment — Terminology, symbols, graphical symbols

DIN EN 26184-1, Explosion protection systems — Part 1: determination of explosion indices of combustible dust in air



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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 620:2002+A1

December 2010

ICS 53.040.10

Supersedes EN 620:2002

English Version

Continuous handling equipment and systems — Safety and EMC requirements for fixed belt conveyors for bulk materials

Equipements et systèmes de manutention continue — Prescriptions de sécurité et de CEM pour les transporteurs à courroie fixes pour produits en vrac

Stetigförderer und Systeme — Sicherheits- und EMV-Anforderungen an ortsfeste Gurtförderer für Schüttgut

This European Standard was approved by CEN on 16 november 2001 and includes Amendment 1 approved by CEN on 9 November 2010.

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DIN EN 620:2011-07 EN 620:2002+A1:2010 (E)

Foreword

This document (EN 620:2002+A1:2010) has been prepared by Technical Committee CEN /TC 148, "Continuous handling equipment and systems - Safety", the secretariat of which is held by AFNOR.

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 June 2011, and conflicting national standards shall be withdrawn at the latest by June 2011.

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 includes Amendment 1, approved by CEN on 2010-11-09.

This document supersedes EN 620:2002.

The start and finish of text introduced or altered by amendment is indicated in the text by tags [A].

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 relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document. (A)

This A standard A forms part of a series of five A standards A the titles of which are given below:

- EN 617 "Continuous handling equipment and systems Safety and EMC requirements for the equipment for the storage of bulk materials in silos, bunkers, bins and hoppers";
- EN 618 "Continuous handling equipment and systems Safety and EMC requirements for equipment for mechanical handling of bulk materials except fixed belt conveyors";
- A EN 619 (1) "Continuous handling equipment and systems Safety and EMC requirements for equipment for mechanical handling of unit loads";
- EN 620 "Continuous handling equipment and systems Safety and EMC requirements for fixed belt conveyors for bulk material";
- EN 741 "Continuous handling equipment and systems Safety requirements for systems and their components for pneumatic handling of bulk materials".

A₁) deleted text (A₁

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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.