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I.S. EN 1034-5:2005+A1:2009

Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 5: Sheeters

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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

Údarás um Chaighdeáin Náisiúnta na hÉireann

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Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 5: Sheeters

Sécurité des machines - Prescriptions de sécurité pour la conception et la construction de machines de fabrication et de finition du papier - Partie 5: Coupeuses

Sicherheit von Maschinen - Sicherheitstechnische Anforderungen an Konstruktion und Bau von Maschinen der Papierherstellung und Ausrüstung - Teil 5: Querschneider

This European Standard was approved by CEN on 10 November 2005 and includes Amendment 1 approved by CEN on 17 November 2009.

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Foreword

This document (EN 1034-5:2005+A1:2009) has been prepared by Technical Committee CEN/TC 198 "Printing and paper machinery - Safety", the secretariat of which is held by DIN.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2010, and conflicting national standards shall be withdrawn at the latest by June 2010.

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 17 November 2009.

This document supersedes EN 1034-5:2005.

The start and finish of text introduced or altered by amendment is indicated in the text by tags $\boxed{A_1}$ $\boxed{A_1}$.

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).

$\boxed{A_1}$ For relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document. $\boxed{A_1}$

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Introduction

This European Standard is a type C standard as stated in EN ISO 12100-1.

The machinery concerned and the extent to which hazards, hazardous situations and events are covered are indicated in the scope of this European Standard.

For machines that have been designed and built according to the provisions of this type C standard, the following stipulation applies: when provisions of this type C standard are different from those which are stated in type A or B standards or from provisions made in $\overline{A1}$ EN 1034-1:2000+A1:2010 $\overline{A1}$, the provisions of this type C standard take precedence over the provisions of the other standards

1 Scope

This European Standard applies to sheeters, including unwinding units, sheet stacker, drive and control units intended for use in paper making and shall be used together with $\overline{A1}$ EN 1034-1:2000+A1:2010 $\overline{A1}$. Paper dust and edge strip suction devices are not covered by this standard. It deals with all significant hazards, hazardous situations and hazard events relevant to sheeters, when they are used as intended and under the conditions foreseen by the manufacturer (see clause 4). This standard does not apply to:

- sheeters for corrugated board (see EN 1010-5);
- sheeters for foil (see EN 1010-1);
- sheeters with sheet feeders (see EN 1010-1);
- guillotines (see EN 1010-3:2002).

This document is not applicable to sheeters that have been manufactured before the date of publication of this document by CEN.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies

EN 294:1992, *Safety of machinery — Safety distances to prevent danger zones being reached by the upper limbs.*

EN 349:1993, *Safety of machinery — Minimum gaps to avoid crushing of parts of the human body.*

EN 418:1992, *Safety of machinery — Emergency stop equipment, functional aspects — Principles for design.*

EN 563:1994 *Safety of machinery — Temperatures of touchable surfaces — Ergonomics data to establish temperature limit values for hot surfaces.*

EN 574:1996, *Safety of machinery — Two-hand control devices — Functional aspects — Principles for design.*

EN 626-1:1994, *Safety of machinery — Reduction of risk to health from hazardous substances emitted by machinery — Part 1: Principles and specifications for machinery manufacturers.*

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