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# Agricultural and forestry machinery - Solid fertilizer distributors - Safety

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## **Agricultural and forestry machinery - Solid fertilizer distributors - Safety**

Matériel agricole et forestier - Distributeurs d'engrais  
solides - Sécurité

Land- und Forstmaschinen - Mineraldüngerstreuer -  
Sicherheit

This European Standard was approved by CEN on 29 August 2005 and includes Amendment 1 approved by CEN on 9 August 2008 and Amendment 2 approved by CEN on 23 May 2009.

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
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## Foreword

This document (EN 14017:2005+A2:2009) has been prepared by Technical Committee CEN/TC 144 “Tractors and machinery for agriculture and forestry”, 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of an identical text or by endorsement, at the latest by January 2010, and conflicting national standards shall be withdrawn at the latest by January 2010.

This document includes Amendment 1, approved by CEN on 2008-08-09 and Amendment 2, approved by CEN on 2009-05-23.

This document supersedes A2 EN 14017:2005+A1:2008 A2.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1 and A2 A2.

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).

A2 For relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document. A2

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, 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.

## **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 hazardous events are covered are indicated in the scope of this European Standard. These hazards are specific to solid fertilizer distributors.

Significant hazards that are common to all agricultural machines (self-propelled, mounted, semi-mounted and trailed) are dealt with in EN 1553:1999.

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.

## 1 Scope

This European Standard, applied together with EN 1553:1999, specifies the safety requirements and their verification for the design and construction of mounted, semi-mounted, trailed or self-propelled fertilizer distributors for solid fertilizer application, i.e. full width solid fertilizer distributors, solid fertilizer broadcasters, distributors with oscillating tube and line-distributors as well as solid fertilizer distributors driven by an auxiliary engine to be used by one operator only, used in agriculture, horticulture and in forestry. In addition, this European Standard specifies the type of information on safe working practices (including residual risks) to be provided by the manufacturer.

When requirements of this European Standard are different from those which are stated in EN 1553:1999 the requirements of this European Standard take precedence over the requirements of EN 1553:1999 for machines that have been designed and built according to the provisions of this European Standard.

It does not apply to:

- combined seed and fertilizer drills;
- machines for distributing granulated pesticides;
- pedestrian controlled distributors;
- knapsack distributors.

This European Standard deals with all the significant hazards, hazardous situations and events relevant to solid fertilizer distributors, when they are used as intended and under the conditions foreseen by the manufacturer (see Clause 4), excepting the hazards arising from:

- inadequate lighting of moving/working area;
- inadequate visibility from drivers/operators position;
- inadequate seating;
- travelling functions (drive, braking etc.);
- rolling over;
- equipment for loading fertilizer into the machine;
- an auxiliary engine.

It is not applicable to electromagnetic compatibility (EMC) nor to environmental hazards (except noise). These aspects are covered by EN 13739-1:2003, EN 13739-2:2003, EN 13740-1:2003 and EN 13740-2:2003.

This European Standard is not applicable to solid fertilizer distributors which are manufactured before the date of its publication as EN.

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