Second edition 2008-11-01

# Agricultural machinery — Safety —

Part 9: Seed drills

Matériel agricole — Sécurité — Partie 9: Semoirs



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## **Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 4254-9 was prepared by Technical Committee ISO/TC 23, Tractors and machinery for agriculture and forestry, Subcommittee SC 3, Safety and comfort.

This second edition cancels and replaces the first edition (ISO 4254-9:1992), which has been technically revised.

ISO 4254 consists of the following parts, under the general title Agricultural machinery — Safety:

- Part 1: General requirements
- Part 3: Tractors 1)
- Part 5: Power-driven soil working machines
- Part 6: Sprayers and liquid fertilizer distributors
- Part 7: Combine harvesters, forage harvesters and cotton harvesters
- Part 8: Solid fertilizer distributors
- Part 9: Seed drills
- Part 10: Rotary tedders and rakes
- Part 11: Pick-up balers
- Part 12: Rotary disc and drum mowers and flail-mowers

Part 4, Forestry winches, has been revised and replaced by ISO 19472 2).

<sup>1)</sup> Under the general title Tractors and machinery for agriculture and forestry — Technical means for ensuring safety. To be replaced by ISO 26322 (all parts), Tractors for agriculture and forestry — Safety.

<sup>2)</sup> ISO 19472, Machinery for forestry — Winches — Dimensions, performance and safety.

## Introduction

The structure of safety standards in the field of machinery is as follows.

- a) Type-A standards (basic standards) give basic concepts, principle for design, and general aspects that can be applied to machinery;
- b) Type-B standards (generic safety standards) dealing with one or more safety aspect(s) or one or more type(s) of safeguards that can be used across a wide range of machinery:
  - type-B1 standards on particular safety aspects (e.g. safety distances, surface temperature, noise);
  - type-B2 standards on safeguards (e.g. two-hand controls, interlocking devices, pressure sensitive devices, guards);
- c) Type-C standards (machinery safety standards) dealing with detailed safety requirements for a particular machine or group of machines.

This part of ISO 4254 is a type-C standard as stated in ISO 12100-1.

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 according to the provisions of this type-C standard.

The machinery concerned and the extent to which hazards, hazardous situations and events are covered are indicated in the scope of this part of ISO 4254. These hazards are specific to seed drills.

Significant hazards that are common to all the agricultural machines (self-propelled, mounted, semi-mounted and traited) are dealt with in ISO 4254-1.