
**Equipment for harvesting — Forage
harvesters —**

**Part 2:
Specification of characteristics and
performance**

*Matériel de récolte — Récolteuses-hacheuses-chargeuses de
fourage —*

Partie 2: Spécification des caractéristiques et des performances



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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by ISO/Technical Committee TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 7, *Equipment for harvesting and conservation*.

This second edition cancels and replaces the first edition (ISO 8909-2:1994), which has been technically revised.

The main changes compared to the previous edition are as follows:

- updates to normative references;
- precision of description of forage harvester characteristics.

A list of all parts in the ISO 8909 series can be found on the ISO website.

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.

Equipment for harvesting — Forage harvesters —

Part 2:

Specification of characteristics and performance

1 Scope

This document specifies the methods and requirements in assessing the dimensions and performance of a forage harvester, as defined in ISO 8909-1, and its functional components. It also allows comparison of forage harvester performance through comparative testing.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

ISO 500-1, *Agricultural tractors — Rear-mounted power take-off types 1, 2, 3 and 4 — Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone*

ISO 730, *Agricultural wheeled tractors — Rear-mounted three-point linkage — Categories 1N, 1, 2N, 2, 3N, 3, 4N and 4*

ISO 789-3, *Agricultural tractors — Test procedures — Part 3: Turning and clearance diameters*

ISO 5715, *Equipment for harvesting — Dimensional compatibility of forage harvesting machinery*

ISO 8909-1:2021, *Equipment for harvesting — Forage harvesters — Part 1: Vocabulary*

ISO 8909-3:2021, *Equipment for harvesting — Forage harvesters — Part 3: Test methods*

3 Terms and definitions

For the purposes of this document, the terms and definitions in ISO 8909-1 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

4 Forage harvester assessment requirements

4.1 General

4.1.1 All dimensions and performance, defined in ISO 8909-1:2021, Clauses 5 and 7, and relating to forage harvesters and their components, shall be assessed in accordance with their definition and any requirements in this document.

4.1.2 The dimensions of hubs, wheels and tyres, and the positions of axles shall be recorded on the test report in ISO 8909-3:2021, Clause 7. Tyres shall be inflated to the service pressure recommended by the forage harvester manufacturer.