
Agricultural tractors — Front-mounted equipment —

**Part 4:
Three-point linkage**

Tracteurs agricoles — Équipement monté à l'avant —

Partie 4: Attelage trois points

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Published in Switzerland

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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).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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 Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 4, *Tractors*.

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.

This first edition of ISO 8759-4, together with the third edition of ISO 8759-1 and the first edition of ISO 8759-3, cancels and replaces ISO 8759-1:1998, which has been technically revised.

A list of all parts in the ISO 8759 series can be found on the ISO website.

Agricultural tractors — Front-mounted equipment —

Part 4: Three-point linkage

1 Scope

This document specifies dimensions and requirements for three-point linkage in association with a power lift for the attachment of implements or equipment to the front of agricultural tractors.

It is not applicable to tractors which are designed to run in two directions, where either end can be considered to be the front or the rear.

NOTE In this case, ISO 730 applies.

2 Normative reference(s)

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 730:2009, *Agricultural wheeled tractors — Rear-mounted three-point linkage — Categories 1N, 1, 2N, 2, 3N, 3, 4N and 4*

ISO 8759-1, *Agricultural tractors — Front-mounted equipment — Part 1: Power take-off: Safety requirements and clearance zone*

3 Terms and definitions

For the purpose of this document, the terms and definitions given in ISO 730 and ISO 8759-1 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 Dimensions

The dimensions specified in ISO 730:2009, 4.2 and 5.1 apply with the exception of the following:

- a) upper link point arrangements (ISO 730:2009, 4.2.3): the arrangement of an upper link point shall allow a transport pitch of 8° to 12° related to the vertical mast position;
- b) torsional free float and levelling adjustment (ISO 730:2009, 4.2.4 and 4.2.5): these provisions are not required for a front-mounted linkage;
- c) transport height (ISO 730:2009, Table 3): the minimum transport height shall be 700 mm for category 1, 850 mm for categories 2N and 2 and 900 mm for categories 3N and 3, and 1 000 mm for categories 4N and 4;
- d) the minimum transport height shall be 375 mm on narrow-track tractors with a track setting of less than 1 150 mm, or low clearance tractors;

- e) lower hitch point clearance (ISO 730:2009, Table 3): in order to allow oscillation to the front axle and turning of the front tyre, the lower hitch point clearance shall be at least 250 mm relative to the straight ahead position of the front tyres.

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