

# INTERNATIONAL STANDARD

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## **Agricultural wheeled tractors — Rear-mounted three-point linkage —**

### **Part 1:**

Categories 1, 2, 3 and 4

*Tracteurs agricoles à roues — Attelage trois points monté à l'arrière —  
Partie 1: Catégories 1, 2, 3 et 4*



Reference number  
ISO 730-1:1994(E)

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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.

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.

International Standard ISO 730-1 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 4, *Tractors*.

This third edition cancels and replaces the second edition (ISO 730-1:1990) and ISO 730-3:1982, of which it constitutes a combination and a technical revision (see clause 1).

ISO 730 consists of the following parts, under the general title *Agricultural wheeled tractors — Rear-mounted three-point linkage*:

- *Part 1: Categories 1, 2, 3 and 4*
- *Part 2: Category 1 N (Narrow hitch)*

Annexes A and B of this part of ISO 730 are for information only.

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# Agricultural wheeled tractors — Rear-mounted three-point linkage —

## Part 1:

Categories 1, 2, 3 and 4

### 1 Scope

This part of ISO 730 specifies the dimensions and requirements of the three-point linkage for the attachment of implements or equipment to the rear of agricultural wheeled tractors.

It specifies four categories to be used on different ranges of agricultural tractors as shown in table 1.

**Table 1 — Categories**

| Category | PTO power at rated rotational frequency of engine <sup>1)</sup><br>kW |
|----------|---|
| 1        | up to 48  |
| 2        | up to 92  |
| 3        | 80 to 185   |
| 4        | 150 to 350  |

1) Determined in accordance with ISO 789-1.

Category 4 has been divided into two parts, 4L and 4H, depending on the location of the power take-off (PTO). Category 4L and 4H dimensions apply to tractors with the PTO, respectively, below and above the rear axle centreline.

Dimensions and requirements for the three-point linkage for the attachment of implements or equip-

ment to the front of agricultural tractors are given in ISO 8759-2[3].

### 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 730. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 730 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 789-1:1990, *Agricultural tractors — Test procedures — Part 1: Power tests for power take-off.*

ISO 2332:1993, *Agricultural tractors and machinery — Connection of implements via three-point linkage — Clearance zone around implement.*

### 3 Definitions

For the purposes of this part of ISO 730, the following definitions apply. General definitions are given in 3.1, and definitions for components and dimensions in 3.2. The last element of the definition number in 3.2 is also the key number for the element or dimension in figures 1, 2 and A.1.