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**Agricultural vehicles — Steering systems  
for agricultural trailers — Interface for  
articulated steering device of semi-  
mounted trailers**

*Véhicules agricoles — Systèmes de direction pour remorques  
agricoles — Interface pour dispositif de direction articulé pour  
remorques semi-portées*



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## Foreword

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# Agricultural vehicles — Steering systems for agricultural trailers — Interface for articulated steering device of semi-mounted trailers

## 1 Scope

This International Standard specifies the dimensions and clearance zones at the interface between tractor and trailer for articulated steering devices of semi-mounted trailers used in agriculture. It also specifies the maximum permissible forces at the connection of such articulated steering devices.

It is applicable exclusively in conjunction with ISO 24347, specifying a ball-type (mechanical) coupling device of 80 mm nominal diameter.

It is not applicable to the verification of the mechanical strength of the interface of the articulated steering device's interface, nor to the mechanical coupling device; this International Standard does not include technical requirements for the articulated steering device itself.

## 2 Normative references

The following referenced documents are indispensable for the application 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:—<sup>1)</sup>, *Agricultural wheeled tractors — Rear-mounted three-point linkage — Categories 1N, 1, 2N, 2, 3N, 3, 4N and 4*

ISO 1103:2007, *Road vehicles — Coupling balls for caravans and light trailers — Dimensions*

ISO 17900:2002, *Agricultural trailers — Balanced and semi-mounted trailers — Determination of payload, vertical static load and axle load*

ISO 24347:2005, *Agricultural vehicles — Mechanical connections between towed and towing vehicles — Dimensions of ball-type coupling device (80 mm)*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 17900 and the following apply.

### 3.1

#### **articulated steering**

equipment in which the steering forces are produced by a change in direction of the towing vehicle and the movement of the steered trailer wheels is firmly linked to the relative angle between the longitudinal axis of the towing vehicle and that of the trailer

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1) To be published. (Replaces ISO 130-1:1994 and ISO 730-2:1979, and incorporates ISO 130-1:1994/Cor.1:1995)