

# INTERNATIONAL STANDARD

**ISO**  
**7131**

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## **Earth-moving machinery — Loaders — Terminology and commercial specifications**

*Engins de terrassement — Chargeuses — Terminologie et spécifications  
commerciales*



Reference number  
ISO 7131:1997(E)

## 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 7131 was prepared by Technical Committee ISO/TC 127, *Earth-moving machinery*, Subcommittee SC 4, *Commercial nomenclature, classification and rating*.

This second edition cancels and replaces the first edition (ISO 7131:1984), which has been technically revised.

Annexes A and B form an integral part of this International Standard.

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# Earth-moving machinery — Loaders — Terminology and commercial specifications

## 1 Scope

This International Standard establishes terminology and the content of commercial literature specifications for self-propelled crawler and wheel loaders and their equipment.

It is applicable to loaders as defined in ISO 6165.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard 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 3450:1996, *Earth-moving machinery — Braking systems of rubber-tyred machines — Systems and performance requirements and test procedures.*

ISO 5010:1992, *Earth-moving machinery — Rubber-tyred machines — Steering requirements.*

ISO 5998:1986, *Earth-moving machinery — Rated operating load for crawler and wheel loaders.*

ISO 6014:1986, *Earth-moving machinery — Determination of ground speed.*

ISO 6016:—<sup>1)</sup>, *Earth-moving machinery — Methods of measuring the masses of whole machines, their equipment and components.*

ISO 6165:1997, *Earth-moving machinery — Basic types — Vocabulary.*

ISO 6746-1:1987, *Earth-moving machinery — Definitions of dimensions and symbols — Part 1: Base machine.*

ISO 6746-2:1987, *Earth-moving machinery — Definitions of dimensions and symbols — Part 2: Equipment.*

ISO 7457:1983, *Earth-moving machinery — Measurement of turning dimensions of wheeled machines.*

ISO 7546:1983, *Earth-moving machinery — Loader and front loading excavator buckets — Volumetric ratings.*

ISO 8313:1989, *Earth-moving machinery — Loaders — Methods of measuring tool forces and tipping loads.*

ISO 9249:1997, *Earth-moving machinery — Engine test code — Net power.*

1) To be published. (Revision of ISO 6016:1982)