
**Machinery for forestry — Wheeled
skidders — Terms, definitions and
commercial specifications**

*Matériel forestier — Débusqueuses à roues — Termes, définitions et
spécifications commerciales*



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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
3.1 General terms.....	1
3.2 Terms related to masses.....	1
3.3 Terms related to main machine dimensions.....	2
3.4 Terms related to grapple dimensions.....	5
3.5 Terms related to grapple configurations.....	6
3.6 Terms related to butt plate dimensions.....	7
4 Required information	7
Annex A (informative) Examples of dimensions and features	9
Bibliography	13

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).

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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 Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 15, *Machinery for forestry*.

This second edition cancels and replaces the first edition (ISO 13861:2000), which has been technically revised.

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

- added a new terminological entry for "skidder";
- moved ISO 6814 to the Bibliography;
- deleted the terms "right hand", "left hand", "front" and "rear";
- revised [Clause 4](#) to explicitly state the required information;
- updated [Figures A.1](#) and [A.4](#);
- moved the figures to a new informative [Annex A](#);
- applied editorial changes.

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.

Machinery for forestry — Wheeled skidders — Terms, definitions and commercial specifications

1 Scope

This document specifies terminology and required information as a general framework for identifying and describing the main dimensions and features of wheeled skidders.

It is applicable to articulated wheeled cable and grapple skidders.

NOTE The terminology and requirements given in this document do not necessarily all apply to a specific machine. Machines can be characterized by the dimensions and features which are relevant to them.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

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

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

3.1 General terms

3.1.1 skidder

self-propelled machine designed to transport trees or parts of trees by trailing or dragging

[SOURCE: ISO 6814:2009, 2.3.1.15]

3.1.2 ground reference plane GRP

hard, flat, horizontal surface on which the machine is placed for measurements

3.2 Terms related to masses

3.2.1 normal operating mass

total mass of the machine as specified, fully serviced, with full fluid levels and a 75 kg operator

3.2.2 maximum operating mass

total mass of the machine as specified, fully serviced, with full fluid levels and a 75 kg operator, including all machine options with the largest tyre or hydro-inflation combination and the manufacturer's maximum specified load