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**Machinery for forestry — Forwarders  
— Terms, definitions and commercial  
specifications**

*Matériel forestier — Débardeuses — Termes, définitions et  
spécifications commerciales*

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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](http://www.iso.org/directives)).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is 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 13860:2000), which has been technically revised. In this edition, some definitions have been modified, machine masses are defined broader, and some technical and editorial errors have been corrected.

# Machinery for forestry — Forwarders — Terms, definitions and commercial specifications

## 1 Scope

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

It is applicable to articulated wheeled forwarders (as defined in ISO 6814, a forwarder is a self-propelled machine designed to move trees or parts of trees by carrying them).

## 2 Terms and definitions

### 2.1 Basic definitions

#### 2.1.1

##### **front**

defined for the primary direction of the travel; the primary driving direction

#### 2.1.2

##### **rear**

defined for the primary direction of the travel; the opposite *front* (2.1.1), wherein the load space is in the rear of the machine

#### 2.1.3

##### **right hand side**

operator's right hand side when driving in the primary driving direction and with the machine in its primary functional mode

#### 2.1.4

##### **left hand side**

opposite side of the machine to the *right hand side* (2.1.3)

#### 2.1.5

##### **ground reference plane**

##### **GRP**

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

### 2.2 Masses

NOTE 1 Adapted from ISO 6016.

NOTE 2 Masses are expressed in kilograms.

#### 2.2.1

##### **operating mass**

##### **OM**

mass of the base machine with equipment and empty attachment as specified by the manufacturer, and with the operator (75 kg), full fuel tank and all fluid systems at the levels specified by the manufacturer