
**Machinery for forestry — Portable
chain-saws — Vocabulary**

Matériel forestier — Scies à chaîne portatives — Vocabulaire

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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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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).

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For an explanation on 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 the following URL: 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 17, *Manually portable forest machinery*.

This fourth edition cancels and replaces the third edition (ISO 6531:2008), which has been technically revised, with the following main changes:

- terms and definitions [3.1.7](#), [3.3.1](#), [3.4.1.1](#), [3.5.7](#), [3.9.10](#), [3.9.10.1](#), [3.9.10.2](#), [3.9.10.3](#) and [3.9.11](#) have been added.

Machinery for forestry — Portable chain-saws — Vocabulary

1 Scope

This document defines terms relating to the mechanical aspects of portable chain-saws, saw-chain and guide bars.

The chain-saw positions are shown in [Annex A](#).

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 terminological databases for use in standardization at the following addresses:

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

3.1 Work functions

3.1.1

felling

separation of a standing tree from its root system

3.1.2

delimbing

removal of branches from trees or parts of trees

3.1.3

bucking

slashing

cutting of felled or uprooted trees, or parts of trees, into lengths

3.1.4

splitting

dividing of trees or parts of trees longitudinally into pieces

3.1.5

boring

process of cutting with the *saw-chain* ([3.3.1](#)) at the nose (tip) of the *guide bar* ([3.3.5](#)) in order to make a hole

3.1.6

kickback

rapid upward and backward motion of the saw which can occur when the moving *saw-chain* ([3.3.1](#)) near the upper portion of the tip of the *guide bar* ([3.3.5](#)) contacts an object such as a log or branch