
Machinery for forestry — Safety requirements and testing for pole-mounted powered pruners —

**Part 1:
Machines fitted with an integral combustion engine**

Matériel forestier — Exigences de sécurité et essais pour les perches élagueuses à moteur —

Partie 1: Machines équipées d'un moteur à combustion interne intégré

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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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This document was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 17, *Manually portable (hand-held) powered lawn and garden equipment and forest machinery*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 144, *Tractors and machinery for agriculture and forestry*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 11680-1:2011), which has been technically revised.

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

- [Clause 1](#), the scope has been broadened to include extended and telescopic machines;
- [Clause 3](#), definitions for “cutting attachment”, “dry weight”, “extendable”, “hand-held” and “telescopic” have been added;
- [Figure 1](#) has been amended to show different types of pole mounted powered pruners;
- [Clause 4](#):
 - a new subclause, [4.2](#) “Protection against contact with power driven components”, has been added;
 - in [4.4](#), harness requirements have been reworded and amended;
 - in [4.5.2](#), the requirements for circular saw blade securing have been clarified;
 - in [4.7](#), the distance to the cutting attachment have been clarified;
 - in [4.10.2](#), the requirement to test the throttle trigger lockout function has been added;
 - in [4.12](#), the verification method for fuel tank ventilation system has been added;
 - in [4.14](#), the requirements for protection against hot surfaces have been reworded and amended;