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**Brush-cutters and grass-trimmers —
Technical data**

Débroussailleuses et coupe-herbe — Données techniques



Reference number
ISO 11682:1993(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 11682 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 17, *Manually portable forest machinery*.

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Brush-cutters and grass-trimmers — Technical data

1 Scope

This International Standard provides the format for specification of the technical data for portable, hand-held brush-cutters and grass-trimmers with combustion engines, in accordance with the vocabulary in ISO 7112.

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 7112:1982, *Machinery for forestry — Portable brush saws — Vocabulary.*

ISO 7113:1991, *Forestry machinery — Portable brush-saws — Saw blades.*

ISO 7916:1989, *Forestry machinery — Portable brush-saws — Measurement of hand-transmitted vibration.*

ISO 7917:1987, *Acoustics — Measurement at the operator's position of airborne noise emitted by brush saws.*

ISO 8893:1989, *Forestry machinery — Portable brush-saws — Engine performance and fuel consumption.*

ISO 10884:—¹⁾, *Manually portable brush cutters and grass-trimmers with internal combustion engine — Determination of sound power levels.*

3 Technical data

3.1 Masses

The following masses shall be specified:

- | | | |
|----|---|----|
| a) | unit without cutting attachment, empty tank: | kg |
| b) | unit with specified cutting attachment, empty tank: | kg |
| c) | unit with specified cutting attachment, full tank: | kg |

3.2 Volume

The following volume shall be specified:

Fuel tank: l

3.3 Cutting attachment

The following cutting attachment details, measured in accordance with ISO 7113, shall be given:

- | | | |
|----|---|-----------------|
| a) | usable cutting depth of specified cutting attachment: | mm |
| b) | specified blade diameter: | mm |
| c) | specified blade thickness: | mm |
| d) | number of cutting teeth: | |
| e) | blade centre hole diameter: | mm |
| f) | blade rotational speed at maximum allowed engine speed: | s ⁻¹ |

1) To be published.