

INTERNATIONAL STANDARD

ISO
9207

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Manually portable chain-saws with internal combustion engine — Determination of sound power levels — Engineering method (grade 2)

*Scies à chaîne portatives avec moteur thermique — Détermination des
niveaux de puissance acoustique — Méthode d'expertise (classe 2)*



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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.

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 9207 was prepared jointly by Technical Committees ISO/TC 43, *Acoustics*, Subcommittee SC 1, *Noise* and ISO/TC 23, *Tractors and machinery for agriculture and forestry*.

Annex A of this International Standard is for information only.

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International Organization for Standardization
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Introduction

The sound power level is one of the two major descriptors of the noise emitted by machinery. The other one is the emission sound pressure level at a work station, which can be determined using ISO 7182. This International Standard, together with ISO 7182, constitutes the noise test code for manually portable chain-saws with an internal combustion engine. The determination of sound power levels and emission sound pressure levels at work stations is necessary for:

- manufacturers, to declare the noise emitted;
- comparing the noise emitted by machines in the group concerned;
- purposes of noise control at source at the design stage.

This International Standard has been prepared according to the rules for the drafting of noise test codes given in ISO 12001. However, ISO 7182 and ISO 9207 together do not constitute a noise test code that meets the requirements of ISO 12001 because ISO 7182 specifies an absorbing floor so does not meet any of the basic noise standards for the determination of emission sound pressure levels at a work station.

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