

This is a preview of "ISO 13772:2018". [Click here to purchase the full version from the ANSI store.](#)

Fourth edition
2018-02

Forestry machinery — Portable chain-saws — Non-manually actuated chain brake performance

Matériel forestier — Scies à chaîne portatives — Performance du frein de chaîne automatique



Reference number
ISO 13772:2018(E)

© ISO 2018



COPYRIGHT PROTECTED DOCUMENT

© ISO 2018

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

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

Published in Switzerland

This is a preview of "ISO 13772:2018". [Click here to purchase the full version from the ANSI store.](#)

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Performance requirements	1
5 Principle	2
6 Test equipment	2
6.1 Acceleration measuring equipment	2
6.2 Test rig	3
7 Preparation	4
8 Test procedure	5
9 Test report	5
Annex A (normative) Frequency range and low-pass filter characteristics	7
Bibliography	8

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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of the 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 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 13772:2009), which has been technically revised. Numerous improvements have been introduced for increased accuracy and reproducibility:

- electric-powered chain-saws have been added to the scope and requirements have been included accordingly;
- a maximum length has been stated for guide bars to be used;
- new low-pass filter characteristics have been specified;
- material of rocker spacer has been changed;
- a requirement that the throttle trigger or activation power switch (for electric chain-saws) be fixed in the fully activated position during the test has been added;
- the pulse length of the initial impulse has been specified and related instructions have been added.