
**Tractors and self-propelled machinery
for agriculture — Operator controls
— Actuating forces, displacement,
location and method of operation**

*Tracteurs et machines agricoles automotrices — Commandes de
l'opérateur — Forces de manoeuvre, déplacements, emplacements et
modes de fonctionnement*

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Contents

	Page
Foreword	iv
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Requirements	3
4.1 General.....	3
4.2 Identification.....	3
4.3 Foot-operated controls.....	3
4.4 Control actuating forces and torques, direction of motion, and location.....	3
4.5 Control operation.....	4
Annex A (informative) Control actuating forces and torques, direction of motion and control location	9
Annex B (normative) Operator controls associated with virtual terminals	14
Annex C (informative) Identification of hand controls by colour coding	16
Bibliography	18

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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 of 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 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 3, *Safety and comfort*.

This second edition cancels and replaces the first edition (ISO 15077:2008), which has been technically revised.

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

- In [Clause 3](#):
 - the definition for hybrid power source has been added;
 - the definition for critical VT operator control has been revised.
- In [Clause 4](#):
 - multiple new general requirements have been added;
 - a new subclause ([4.2](#)) specifically for identification has been added;
 - additional requirements for stopping and starting has been added in [Table 1](#);
 - provisions for new technologies have been introduced into [Table 1](#);
 - requirements for speed selection pattern in [Table 1](#) related to manual/nonlinear transmission shifting patterns have been clarified;
 - new requirements for remote engine starting have been added in [Table 1](#).
- In [Annex A](#):
 - the annex has been reorganized for clarity and flow;
 - torque values have been added to [Table A.1](#) for rotational controls;