
Industrial trucks — Sustainability —
Part 2:
Factors and reporting

Chariots de manutention — Durabilité —
Partie 2: Facteurs et rapports



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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).

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).

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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 110, *Industrial Trucks*, Subcommittee SC 5, *Sustainability*.

A list of all parts in the ISO 23434 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Industrial trucks — Sustainability —

Part 2: Factors and reporting

1 Scope

This document identifies sustainability factors and provides an example of a reporting format for sustainability information of industrial trucks.

It is applicable to acquisition of raw materials, design, production, transportation/delivery, use, end-of-life treatment and final disposal of industrial trucks (hereinafter referred to as trucks) as defined in ISO 5053-1.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 23308 (all parts), *Energy efficiency of industrial trucks — Test methods*

ISO 23434-1, *Industrial trucks — Sustainability — Part 1: Vocabulary*

EN 12053, *Safety of industrial trucks — Test methods for measuring noise emissions*

EN 12895, *Industrial trucks — Electromagnetic compatibility*

EN 13059, *Safety of industrial trucks — Test methods for measuring vibration*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 23434-1 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

4 Sustainability factors

4.1 General

The sustainability factors presented in [Table 1](#) apply for achieving the sustainability balance among environmental, economic and social needs.

Estimates taken from the application of these sustainability factors can be used to provide information on trucks.

NOTE This document identifies typical sustainability factors.