
**Cranes — Cabins and control
stations —**

**Part 2:
Mobile cranes**

*Appareils de levage à charge suspendue — Cabines et postes de
conduite —*

Partie 2: Grues mobiles

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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).

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

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 96, *Cranes*, Subcommittee SC 6, *Mobile cranes*.

This second edition cancels and replaces the first edition (ISO 8566-2:1995), of which it constitutes a minor revision.

ISO 8566 consists of the following parts, under the general title, *Cranes — Cabins and control stations*:

- *Part 1: General*
- *Part 2: Mobile cranes*
- *Part 3: Tower cranes*
- *Part 4: Jib cranes*
- *Part 5: Overhead traveling and portal bridge cranes*

Cranes — Cabins and control stations —

Part 2: Mobile cranes

1 Scope

This part of ISO 8566 establishes the criteria for cabins for mobile cranes as defined in ISO 4306-2. These criteria are intended to cover cabins only for crane operation and not for road travel.

The general criteria for cabins on mobile cranes are presented in ISO 8566-1.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 7752-2, *Cranes — Control layout and characteristics — Part 2: Basic arrangement and requirements for mobile cranes*

ISO 8566-1, *Cranes — Cabins and control stations — Part 1: General*

ISO 11660-2, *Cranes — Access, guards and restraints — Part 2: Mobile cranes*

3 General requirements

3.1 The general requirements for mobile crane cabins may apply to the operation of the crane for lifting and for job-site travel.

3.2 The general requirements for the cabin, including those concerning visibility, noise and vibration, shall be in accordance with ISO 8566-1.

4 Cabin construction

4.1 Cabins and enclosures shall be constructed to protect the operator's station from the weather.

4.2 Windows shall be provided in the front, top/roof, and on both sides of the cabin with visibility forward, upward, and to either side consistent with structural requirements. Visibility forward shall include a vertical range adequate to cover the jib point at all times. When a cabin is mounted on the chassis and the boom is capable of slewing in excess of 180° independent of the cabin, the cabin shall be provided with windows on all sides.

A windscreen wiper shall be provided on the front window and the top/roof window.

The front or top/roof window may have a section which can be readily removed or held open, if desired. If the section is of the type held in the open position, it shall be capable of being secured to prevent inadvertent closure.

Cabin windows shall be equipped with latches which guard against opening the windows from outside the cabin.