
Cranes — Classification —

Part 2: Mobile cranes

*Appareils de levage à charge suspendue — Classification —
Partie 2: Grues mobiles*

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Foreword

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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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This document was prepared by Technical Committee ISO/TC 96, *Cranes*, Subcommittee SC 6, *Mobile cranes*.

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.

This third edition cancels and replaces the second edition (ISO 4301-2:2009), which has been technically revised.

The main change compared to the previous edition is the introduction of the cycle-based classification for mobile cranes equipment following ISO 4301-1:2016.

A list of all parts in the ISO 4301 series can be found on the ISO website.

Introduction

Mobile cranes play a part in the handling of materials by raising and moving loads, the mass of which is within their rated capacity. However, there can be wide variations in their duty. The design of the crane should take account of the duty in terms of conditions of service, in order to reach an appropriate level of safety and useful life which is in line with the purchaser's requirements.

Classification serves as a reference framework between purchaser and manufacturer, by which a particular mobile crane can be matched to the intended service. It also is the system used to provide a means of establishing rational bases for the design of mobile cranes.

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