
**Mobile cranes — Presentation of rated
capacity charts**

Grues mobiles — Présentation des tableaux de charges



Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 11661 was prepared by Technical Committee ISO/TC 96, *Cranes*, Subcommittee SC 6, *Mobile cranes*.

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Mobile cranes — Presentation of rated capacity charts

1 Scope

ISO 11661 specifies a standard presentation or format for mobile crane rated capacities on rated capacity charts.

This International Standard is applicable to mobile cranes fitted with jibs as defined in ISO 4306-2 and when used in the lifting mode.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 4306-2:1994, *Lifting appliances — Vocabulary — Part 2: Mobiles cranes*.

3 Definitions

For the purposes of this International Standard, the definitions given in ISO 4306-2 and the following apply.

3.1

crane rating manual

collection of all pertinent rated capacity charts, working area diagrams, range diagrams, tables, warning notes, illustrations and other information required by the manufacturer

3.2

rated capacity chart

tabulation detailing a crane's lifting capacities, set-up and operational notes for a specific jib combination and crane supports

3.3

range diagram

side elevation view of the crane depicting the heights and radii for all useable jib and jib/fly-jib combinations

NOTE It may also depict areas of instability.

3.4

working area diagram

plan (top) view of the crane depicting working areas and operating limitations in these areas