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Cranes — Requirements for mechanisms —

Part 4: Jib cranes

*Appareils de levage à charge suspendue — Exigences pour les
mécanismes —*

Partie 4: Grues à flèche



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Foreword

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The main task of technical committees is to prepare International Standards. 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.

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.

ISO 10972-4 was prepared by Technical Committee ISO/TC 96, *Cranes*, Subcommittee SC 8, *Jib cranes*.

ISO 10972 consists of the following parts, under the general title *Cranes — Requirements for mechanisms*:

- *Part 1: General*
- *Part 2: Mobile cranes*
- *Part 3: Tower cranes*
- *Part 4: Jib cranes*
- *Part 5: Bridge and gantry cranes*

The following part is under preparation:

- *Part 2: Mobile cranes*

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Introduction

This part of ISO 10972 establishes requirements and gives guidance and design rules that reflect the present state of the art in the field of crane machine design. The rules given represent good design practice that when applied will ensure the fulfilment of essential safety requirements and adequate service life of components. Deviation from these rules may lead to increased risks or reduction of service life, but it is acknowledged that new technical innovations, materials, etc. can enable new solutions that result in equal or improved safety and durability.