

# INTERNATIONAL STANDARD

**ISO**  
**8566-5**

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## **Cranes — Cabins —**

### **Part 5:**

### **Overhead travelling and portal bridge cranes**

*Appareils de levage à charge suspendue — Cabines —  
Partie 5: Ponts roulants et ponts portiques*



Reference number  
ISO 8566-5:1992(E)

## 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.

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 8566-5 was prepared by Technical Committee ISO/TC 96, *Cranes*, Sub-Committee SC 9, *Bridge and gantry cranes*.

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

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

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## Cranes — Cabins —

### Part 5:

### Overhead travelling and portal bridge cranes

#### 1 Scope

This part of ISO 8566 establishes the requirements for cabins for overhead travelling and portal bridge cranes as defined in ISO 4306-1.

#### 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 8566. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 8566 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 4306-1:1990, *Cranes — Vocabulary — Part 1: General*.

ISO 7752-1:1983, *Lifting appliances — Controls — Layout and characteristics — Part 1: General principles*.

ISO 7752-5:1985, *Lifting appliances — Controls — Layout and characteristics — Part 5: Overhead travelling cranes and portal bridge cranes*.

ISO 8566-1:1992, *Cranes — Cabins — Part 1: General*.

#### 3 Cabin construction

3.1 The general requirements given in ISO 8566-1 for the construction of the cabin are applicable.

3.2 The cabin dimensions specified in figure 1 are the minimum requirements and should be made greater where practical. Taken through the Seat index point (SIP), the inside height shall be 1 600 mm min., the inside breadth 900 mm min., and the inside depth 1 300 mm min. (see figure 1).

The minimum total internal volume of the cabin shall be 3 m<sup>3</sup>. In determining the volume and dimensions, allowance shall be made for the number of persons working in the cabin and the working time actually spent.

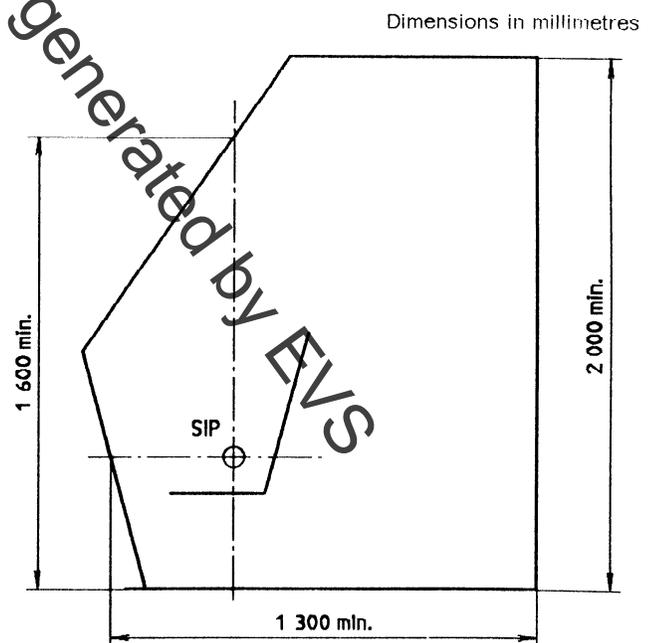


Figure 1 — Cabin dimensions