

**Industritruckar – Gaffeltruckar – Gaffelarms-  
förlängning och teleskopiska gaffelarmar –  
Tekniska egenskaper och hållfasthetskrav**

**Fork-lift trucks – Fork arm extensions and tele-  
scopic fork arms – Technical characteristics  
and strength requirements**

Denna standard är såld av SEK Svensk Elstandard  
som även lämnar allmänna upplysningar  
om svensk och utländsk standard.  
Postadress: SEK, Box 1284, 164 29 Kista  
Telefon: 08-444 14 00.  
E-post: [sek@elstandard.se](mailto:sek@elstandard.se). Internet: [www.elstandard.se](http://www.elstandard.se)

ICS 53.060

Språk: engelska

Publicerad: april 2003

Den internationella standarden ISO 13284:2003 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av ISO 13284:2003.

The International Standard ISO 13284:2003 has the status of a Swedish Standard. This document contains the official English version of ISO 13284:2003.

Dokumentet består av 12 sidor.

Upplysningar om **sakinnehållet** i standarden lämnas av SIS, Swedish Standards Institute, tel 08 - 555 520 00.

Standarder kan beställas hos SIS Förlag AB som även lämnar **allmänna upplysningar** om svensk och utländsk standard.

*Postadress:* SIS Förlag AB, 118 80 STOCKHOLM  
*Telefon:* 08 - 555 523 10. *Telefax:* 08 - 555 523 11  
*E-post:* sis.sales@sis.se. *Internet:* www.sis.se

## 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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 13284 was prepared by Technical Committee ISO/TC 110, *Industrial trucks*, Subcommittee SC 2, *Safety of powered industrial trucks*.

## Introduction

This International Standard was developed in response to worldwide demand for specifications for fork-arm extensions and telescopic fork arms.

Fork-arm extensions are used as an economic means of extending the effective blade length of fork arms on fork-lift trucks. They are available with either a closed rectangular cross-section or an open inverted-channel cross-section.

Where possible, preference should be given to using a longer fork rather than an extension. If extensions have to be used, preference should be given to the closed cross-section rather than an open type of extension.

Telescopic fork arms replace standard fork arms and provide the truck operator with the means of adjusting the fork-arm blade length. They are available either as simple variable-length fork arms for handling loads of varying dimensions or, alternatively, for reaching out or retracting palletized loads in double-deep stacking and destacking operations.

# Fork-lift trucks — Fork-arm extensions and telescopic fork arms — Technical characteristics and strength requirements

## 1 Scope

This International Standard specifies technical characteristics and strength requirements for fork-arm extensions and telescopic fork arms for fork-lift trucks. It applies to fork-arm extensions and telescopic fork arms designed for use on stacking lift trucks, as defined in ISO 5053, having fork-arm carriers and, in the case of fork-arm extensions, hook-on fork arms conforming to ISO 2330.

This International Standard does not apply to integral transverse telescopic fork devices or scissor-action reach devices.

## 2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 2330:2002, *Fork-lift trucks — Fork arms — Technical characteristics and testing*

ISO 3691, *Powered industrial trucks — Safety code*

ISO 5053, *Powered industrial trucks — Terminology*