



# SLOVENSKI STANDARD

## SIST EN 13155:2004/A1:2005

01-november-2005

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### Dvigala (žerjavi) – Varnost – Snemljiva dvigalna sredstva

Cranes - Non-fixed load lifting attachments

Krane - Lose Lastaufnahmemittel

Appareils de levage à charge suspendue - Equipements amovibles de prise de charge

**Ta slovenski standard je istoveten z: EN 13155:2003/A1:2005**

SIST EN 13155:2004/A1:2005  
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#### **ICS:**

53.020.30	Pribor za dvigalno opremo	Accessories for lifting equipment
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**SIST EN 13155:2004/A1:2005**

**en**

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English version

## Cranes - Non-fixed load lifting attachments

Appareils de levage à charge suspendue - Equipements  
amovibles de prise de charge

Krane - Lose Lastaufnahmemittel

This amendment A1 modifies the European Standard EN 13155:2003; it was approved by CEN on 24 June 2005.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

This European Standard (EN 13155:2003/A1:2005) has been prepared by Technical Committee CEN/TC 147 “Cranes - Safety”, the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2006, and conflicting national standards shall be withdrawn at the latest by February 2006.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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## 1 General modification

Change all appearances of “document” into “European Standard”, where the standard refers to itself.

## 2 Modification to Foreword

Amend the last paragraph to read as follows:

“According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.”

## 3 Modification to Clause 2

Amend the standard paragraph to read as follows:

The following referenced documents are indispensable for the application of this European Standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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## 4 Modification to 5.2.5.3

Delete the last word 'square' in the last paragraph above the note.

The sentence therefore shall read “.....shall not have side and bottom openings of more than 50 mm.”

## 5 Modification to 7.1 Instruction handbook

In 7.1.2.1, add a new item to the list:

h) the importance of the WLL min.'

## 6 Modification to 7.2 Marking

In 7.2.2.1, add a new item to the list:

f) on plate clamps, the WLL min. and max.

## 7 Modification to A.1.1 Load case

Amend the equation to read:

$$X = S_{DL} + 2 \cdot S_{WLL}$$

## 8 Modification to C.10.1 Procedure

replace the equation:

$$F_a // = \mu PS$$

by the following equation:

$$F_a // = \mu (PS - WLL g \cos \alpha)$$

## 9 Modification to C.10.2 Acceptance criteria

replace the equation:

$$F_a // = \mu PS \geq 2 WLL g \sin \alpha$$

by the following equation

$$F_a // = \mu (PS - WLL g \cos \alpha) \geq 2 WLL g \sin \alpha$$

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