

**DIN EN 1398**

ICS 53.080

Supersedes  
DIN EN 1398:1997-11  
See start of validity

**Dock levellers –  
Safety requirements  
English version of DIN EN 1398:2009-07**

Ladebrücken –  
Sicherheitsanforderungen  
Englische Fassung DIN EN 1398:2009-07

Document comprises 37 pages



## **Start of validity**

This standard takes effect on 1 July 2009.

DIN EN 1398:1997-11 remains valid until 28 December 2009.

## **National foreword**

This standard includes safety requirements.

This standard has been prepared by Technical Committee CEN/TC 98 "Lifting platforms" (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was the *Normenausschuss Maschinenbau* (Mechanical Engineering Standards Committee), Section *Fördertechnik*, Technical Committee NA 060-22-25 *Ladebrücken*. Representatives of manufacturers and users of dock levellers, and of the employers' liability insurance associations contributed to this standard.

This standard contains specifications meeting the essential requirements set out in Annex I of the "Machinery Directive", Directive 98/37/EC (valid until 28 December 2009), and the "revised Machinery Directive", Directive 2006/42/EC, which takes effect on 29 December 2009, and which apply to dock levellers that are either first placed on the market or commissioned within the EEA. This standard serves to facilitate proof of compliance with the essential requirements of the directives.

Once this standard is cited in the Official Journal of the European Union, it is deemed a "harmonized" standard and thus, a manufacturer applying this standard may assume compliance with the requirements of the Machinery Directive ("presumption of conformity").

The European Standards referred to in clause 2 and in the bibliography of the EN have been published as the corresponding DIN EN or DIN EN ISO Standards with the same number. The International Standards and other publications referred to in this document have been published as the corresponding DIN ISO Standards, except for that below, which corresponds as follows:

HD 60364-4-41:2007      DIN VDE 0100-410:2007-06

## **Amendments**

This standard differs from DIN EN 1398:1997-11 as follows:

- a) The specifications regarding applicable forces and loads, in particular those relevant for different load combinations, have been completely revised.
- b) The contact area used in design calculations to account for the wheel load of fork lift trucks has been redefined.
- c) The specifications regarding maximum permanent deformation of deck plate sheets have been amended.
- d) The required torsional flexibility has been specified.
- e) Specifications for marking dock levellers have been included.
- f) The standard has been editorially revised.

## **Previous editions**

DIN 15126: 1989-09

DIN EN 1398: 1997-11

## **National Annex NA** (informative)

### **Bibliography**

DIN VDE 0100-410:2007-06, *Low-voltage electrical installations — Part 4-41: Protection for safety — Protection against electric shock (IEC 60364-4-41:2005, modified)*

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English Version

## Dock levellers — Safety requirements

Rampes ajustables —  
Prescriptions de sécurité

Ladebrücken —  
Sicherheitsanforderungen

This European Standard was approved by CEN on 14 February 2009.

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This European Standard 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 CEN Management Centre has the same status as the official versions.

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