Floor cutting-off machines — Safety

 $ICS\ 91.220$



National foreword

This British Standard is the UK implementation of EN 13862:2001+A1:2009. It supersedes BS EN 13862:2001, which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indiating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by (A).

The UK participation in its preparation was entrusted by Technical Committee B/513, Construction equipment and plant, and site safety, to Subcommittee B/513/6, Demolition, cutting, roughening, smoothing and splitting machines — Safety.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard, was published under the authority of the Standards Policy and Strategy Committee on 05 November 2001

Amendments/corrigenda issued since publication

Date Comments

31 May 2009 Implementation of CEN amendment A1:2009

© BSI 2009

ISBN 978 0 580 63119 1

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 13862:2001+A1

March 2009

ICS 93.080.10

Supersedes EN 13862:2001

English Version

Floor cutting-off machines - Safety

Machines à scier les sols - Sécurité

Bodentrennschleifmaschinen - Sicherheit

This European Standard was approved by CEN on 25 July 2001 and includes Amendment 1 approved by CEN on 15 February 2009.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Management Centre or to any CEN member.

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.

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



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

© 2009 CEN

All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 13862:2001+A1:2009: E

This is a preview. Click here to purchase the full publication.

Contents		Page
Forew	ord	3
Introduction		4
1	Scope	4
2	Normative references	5
3	Terms and definitions	6
4	List of significant hazards	8
5 5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 5.9 5.10	Safety requirements and/or measures Mechanical hazards Electrical hazards Thermal hazards Exhaust fumes (and gas) Machines having a hydraulic power transmission Fluid containers Water supply and dust emission Rotational speed Noise Maintenance	10 14 14 15 15 15
6	Verification of safety requirements and/or measures	16
7 7.1 7.2	Information for use Marking Accompanying documents	16
Annex	A (normative) Noise test code - Grade 2 of accuracy	21
Annex	B (normative) Dimensions of the flanges for cutting-off diamond wheels	24
Annex	C (normative) Strength of the guards - State of the art concerning the characteristics of guards used with cutting-off wheels	26
Annex	D (normative) Pictograms	30
Annex	E (normative) Verification of surface temperature	32
Annex	F (normative) A Vibration test code 4	33
Annex	ZA (informative) A Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC, amended by 98/79/EC A	37
Annex	ZB (informative) A Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC (A)	38
Biblio	graphy	39

Foreword

This document (EN 13862:2001+A1:2009) has been prepared by Technical Committee CEN/TC 151 "Construction equipment and building material machines - Safety", the secretariat of which is held by DIN.

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 September 2009, and conflicting national standards shall be withdrawn at the latest by December 2009.

This document includes Amendment 1, approved by CEN on 2009-02-15.

This document supersedes [A] EN 13862:2001 [A].

The start and finish of text introduced or altered by amendment is indicated in the text by tags [A].

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association and supports essential requirements of EU Directive(s).

A) For relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document.

A1) deleted text (A1)

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