

# INTERNATIONAL STANDARD

# IEC 61029-2-1

1993

AMENDMENT 1  
1999-02

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Amendment 1

**Safety of transportable motor-operated  
electric tools –**

**Part 2-1:  
Particular requirements for circular saws**

*Amendement 1*

*Sécurité des machines-outils électriques semi-fixes –*

*Partie 2-1:  
Règles particulières pour les scies circulaires*

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International Electrotechnical Commission  
Международная Электротехническая Комиссия

PRICE CODE

**C**

*For price, see current catalogue*

## FOREWORD

This amendment has been prepared by subcommittee 61F: Safety of hand-held motor-operated electric tools, of IEC technical committee 61: Safety of household and similar electrical appliances.

The text of this amendment is based on the following documents:

FDIS	Report on voting
61F/257/FDIS	61F/263/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

Page 7

## 2 Definitions

Subclause 2.21

*Replace the third dashed item with the following:*

- $0,13 s \sqrt{n_0}$  for other saws designed for cutting depths from 20 mm to 55 mm and for circular saw components of combined machines;

*Add the following new fourth dashed item:*

- $0,10 s \sqrt{n_0}$  for other saws designed for cutting depths not exceeding 20 mm.

Page 13

**18 Stability and mechanical hazards**

Subclause 18.1.104.1

Replace, on page 17, the table of figure 102 by the following:

Dimensions of the saw table	Maximum diameters of saw blade			
	≤60 **	>60 and ≤100 *	>100 and ≤200	>200
L ≥	175	300	500	$\frac{5D}{2}$
l ≥	150	200	335	400
a ≥	87,5	150	250	$\frac{5D}{4}$
b ≥	75	75	110	$\frac{5D}{9}$
* Maximum depth of cut: 15 mm. ** Maximum depth of cut: 10 mm.				

Figure 102 – Dimensions of the saw table in millimetres

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