

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

AMENDMENT 1  
AMENDEMENT 1

**Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety –  
Part 2-17: Particular requirements for hand-held routers**

**Outils électroportatifs à moteur, outils portables et machines pour jardins et pelouses – Sécurité –  
Partie 2-17: Exigences particulières pour les défonceuses portatives**





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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRIC MOTOR-OPERATED HAND-HELD TOOLS,  
TRANSPORTABLE TOOLS AND LAWN AND GARDEN MACHINERY –  
SAFETY –**

**Part 2-17: Particular requirements for hand-held routers**

**AMENDMENT 1**

**FOREWORD**

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Amendment 1 to IEC 62841-2-17:2017 has been prepared by IEC technical committee 116: Safety of motor-operated electric tools.

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

Draft	Report on voting
116/858/FDIS	116/881/RVD

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

The language used for the development of this Amendment is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications/](http://www.iec.ch/publications/).

A list of all parts of the IEC 62841 series, under the general title: *Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under [webstore.iec.ch](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

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It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 36 months from the date of publication.

Standards  
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Document Preview

### 3 Terms and definitions

#### 3.101 base

*Replace the existing definition with the following new text:*

part of the **router** that supports other parts of the tool on the workpiece

#### 3.103 router

*Replace the existing definition with the following new text:*

tool which includes a motor housing, **base** and a collet, designed to be fitted with a **rotary cutting bit**

#### 3.105 type 1 router

*Replace the existing item a) of the definition with the following new text:*

- a) a mass of the motor housing and collet, excluding the **base**, **supply cord**, any **separable battery pack** or any **detachable battery pack**, not exceeding 2 kg; and

**3.106**  
**type 2 router**

*Replace the existing item a) of the definition with the following new text:*

- a) a mass of the motor housing and collet, excluding the **base**, **supply cord**, any **separable battery pack** or any **detachable battery pack**, exceeding 2 kg; or

**18 Abnormal operation**

*Replace the existing text of the seventh row of Table 4 with the following new text:*

Prevent exceeding thermal limits as in 18.4 and 18.5.3	a
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**19 Mechanical hazards**

*Add, after 19.4.101, the following new subclause:*

**19.6** This subclause of Part 1 is applicable.

**21 Construction**

*Add, before 21.18.1.1, the following new subclause:*

**21.18.1** *Addition:*

For **routers**, **power switches** other than **momentary power switches** are permitted.

*Delete the first paragraph of 21.18.1.1.*

**23 Components**

*Replace the existing text of Clause 23 with the following new text:*

This clause of Part 1 is applicable, except as follows:

**23.3** *Replacement of the first paragraph:*

Protection devices or circuits shall be of the non-self-resetting type unless the tool is equipped with a **momentary power switch** with no provision for being locked in the "on" position.