

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety –  
Part 2-10: Particular requirements for hand-held mixers**

**Outils électroportatifs à moteur, outils portables et machines pour jardins et pelouses – Sécurité –  
Partie 2-10: Exigences particulières pour les mélangeurs manuels**



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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

**Part 2-10: Particular requirements for hand-held mixers**

**FOREWORD**

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International standard IEC 62841-2-10 has been prepared by IEC technical committee 116: Safety of motor-operated electric tools.

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

FDIS	Report on voting
116/303/FDIS	116/313/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

This Part 2-10 is to be used in conjunction with the first edition of IEC 62841-1 (2014).

This Part 2-10 supplements or modifies the corresponding clauses in IEC 62841-1, so as to convert it into the IEC standard: Particular requirements for hand-held mixers.

Where a particular subclause of Part 1 is not mentioned in this Part 2-10, that subclause applies as far as relevant. Where this standard states “addition”, “modification” or “replacement”, the relevant text in Part 1 is to be adapted accordingly.

The following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
- notes: in small roman type.

The terms defined in Clause 3 are printed in **bold typeface**.

Subclauses, notes and figures which are additional to those in Part 1 are numbered starting from 101.

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 publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

NOTE The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests.

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.

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

## Part 2-10: Particular requirements for hand-held mixers

### 1 Scope

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

*Addition:*

This part of IEC 62841 applies to **mixers**. **Mixers** are not considered to be tools with a **liquid system**.

This standard does not apply to drills and impact drills, even if they can be used as a **mixer**.

NOTE 101 Drills and impact drills are covered by IEC 62841-2-1.

### 2 Normative references

This clause of Part 1 is applicable.

### 3 Terms and definitions

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

*Addition:*

#### 3.101 mixer

tool equipped with either one or more output spindles to mount **mixer baskets** specifically designed to stir liquids or to mix building materials such as concrete, plaster, etc., see Figure 101

Note 1 to entry: The output spindle(s) is/are either threaded, or has/have other coupling means such as a chuck or a hexagonal connector.

Note 2 to entry: **Mixers** are also commonly known as stirrers.

#### 3.102 mixer basket

accessory intended to be used with a **mixer** employing a structure of wings, spirals or helices for moving the material in the container

Note 1 to entry: **Mixer baskets** are also commonly known as stirrer rods, stirrer baskets, paddles or **mixer rods**.

### 4 General requirements

This clause of Part 1 is applicable.