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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 3883.217-2023

Replacing GB/T 3883.17-2005

**Safety of motor-operated hand-held, transportable and garden
tools - Part 217: Particular requirements for hand-held routers**

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Table of Contents

Introduction	
1 Scope	1
2 Normative reference documents	1
3 Terms and Definitions	1
4 General requirements	2
5 General conditions for testing	2

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1. Structure and Drafting Rules of Standardization Documents"

Drafting.

This document is part 217 of GB/T 3883 "Safety of hand-held and portable power tools and garden tools". GB/T 3883

---GB/T 3883.201-2017 Safety of hand-held and portable power tools and garden tools Part 2. Electric drills and impact

Specific requirements for electric drills;

---GB/T 3883.202-2019 Safety of hand-held and portable power tools and garden tools Part 202. Hand-held screwdrivers

Special requirements for wire cutters and impact wrenches;

---GB/T 3883.204-2019 Safety of hand-held and portable power tools and garden tools Part 204. Hand-held non-

Specific requirements for disc sanders and polishers;

---GB/T 3883.205-2019 Safety of hand-held and portable power tools and garden tools Part 205. Hand-held round tools

Specific requirements for saws;

---GB/T 3883.208-2023 Safety of hand-held and portable power tools and garden tools Part 208. Hand-held power tools

Special requirements for scissors and electric punching shears;

---GB/T 3883.209-2021 Safety of hand-held and portable power tools and garden tools Part

209.Hand-held tools

Special requirements for threading machines and threading machines;

---GB/T 3883.210-2019 Safety of hand-held, portable power tools and garden tools Part 210.Hand-held power tools

Special requirements for planing;

---GB/T 3883.211-2021 Safety of hand-held and portable power tools and garden tools Part 211.Hand-held power tools

Special requirements for double sawing;

---GB/T 3883.215-2022 Safety of hand-held and portable power tools and garden tools Part 215.Hand-held stirrers

Special requirements for mixers;

Special requirements for milling.

This document replaces GB/T 3883.17-2005 "Safety of hand-held power tools - Part 2.Special requirements for wood milling and edge trimming machines"

"Requirements", compared with GB/T 3883.17-2005, the main technical changes are as follows.

a) Scope. Increase the applicable scope of wood milling (see Chapter 1);

b) Terminology. Modify "wood milling", add "base", "rotary cutter head", "type 1 wood milling", "type 2 wood milling", delete "edging machine" (see Chapter 3

Chapter, Chapter 3 of the.2005 edition);

c) General conditions for testing. instructions for increasing the quality of wood milling (see Chapter 5);

d) Markings and instructions. Modify the "rated no-load speed" and add additional safety instructions, clauses 8.14.2a), 8.14.2b) (see Section 8

Chapter, Chapter 8 of the.2005 edition);

e) Fever. delete 12.4 (see Chapter 12, Chapter 12 of the.2005 edition);

f) Abnormal operation. Modify Table 4 in Part 1 (see Chapter 18);

g) Mechanical hazards. Modify 19.1; move 19.1.1 to 19.4.101 and modify it, add replacement of 19.4, 19.101, 19.102 (see section

Chapter 19, Chapter 19 of the.2005 edition);

h) Structure. Add 21.18.1.2, 21.35 (see Chapter 21);

- i) Modify Figure 101 and add Figure 102 and Figure 103 (see Figure 101, Figure 102, Figure 103, Figure 101 of the 2005 version);
- j) Add Appendix I, Appendix K, and Appendix L (see Appendix I, Appendix K, and Appendix L);
- k) Add references (see References).

This document is equivalent to IEC 62841-2-17:2017 "Safety of hand-held and portable power tools and garden machines driven by electric motors".

Part 2-17. Specific requirements for hand-held wood milling.

This document has made the following minimal editorial changes.

---The name of the standard is changed to "Safety of hand-held, portable power tools and garden tools - Part 217. Special requirements for hand-held wood milling tools"

Use requirements".

Please note that some content in this document may be subject to patents. The publisher of this document assumes no responsibility for identifying patents.

Introduction

This document is consistent with GB/T 3883.1-2014 "Safety of hand-held and portable power tools and garden tools - Part 1. General requirements"

use together.

The "applicable" part of this document indicates that the corresponding provisions in GB/T 3883.1-2014 are applicable; the "replacement" part of this document indicates

If not, the provisions in this document shall prevail; the part marked "modified" in this document indicates the relevant provisions of the corresponding provisions of GB/T 3883.1-2014

The content is subject to the revised content of this document, and other contents in this provision are still applicable; the parts marked "added" in this document indicate that in addition to the

In addition to the corresponding provisions of GB 3883.1-2014, it must also comply with the additional provisions of this document.

In 2014, my country issued GB/T 3883.1-2014 "Safety of hand-held and portable power tools and garden tools - Part 1.

General Requirements", the original GB/T 3883 (hand-held power tools), GB/T 13960 (portable power tools) and GB/T 4706

(Garden power tools only) The common technical requirements of the general safety standards of the three major series of power tools have been integrated.

The special requirements for specific types of small products used in conjunction with GB/T 3883.1-2014 are divided into three parts, namely Part 2 (hand

Part 3 (Hand-held power tools), Part 3 (Part movable power tools), Part 4 (Part 4 (Garden power tools)), are all converted into corresponding

Specific requirements of the IEC 62841 series.

The main element of the standard name is expanded to "Safety of hand-held, portable power tools and garden tools", and the original hand-held power tools will be used.

Part of the standard number GB/T 3883. The standard sub-part number of each sub-category of products consists of three digits, of which the first digit

Indicates the corresponding part, and the 2nd and 3rd digits indicate different small categories of products.

The new version of GB/T 3883 series standards will form a more scientific, complete, universal and unified series of safety standards for power tool products

The system makes the implementation of standards more feasible and easy to use.

At present, the new version of GB/T 3883 series standards "Handheld Power Tools Part" has released the following standards.

---GB/T 3883.201-2017 Safety of hand-held and portable power tools and garden tools Part 2. Electric drills and impact

Specific requirements for electric drills. The purpose is to standardize specific safety requirements for small categories of electric drills and impact drills.

---GB/T 3883.202-2019 Safety of hand-held and portable power tools and garden tools Part 202. Hand-held screwdrivers

Special requirements for wire cutters and impact wrenches. The purpose is to standardize the specific safety requirements for small products such as hand-held screwdrivers and impact wrenches.

All requirements.

---GB/T 3883.204-2019 Safety of hand-held and portable power tools and garden tools Part 204. Hand-held non-

Special requirements for disc sanders and polishers. The purpose is to standardize the characteristics of small products such as handheld non-disc sanders and polishers.

Set special safety requirements.