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

GB 13960.4-2009

Replacing GB 13960.4-1996

**Safety of transportable motor-operated electric tools -- Part 2:
Particular requirements for planers and thicknessers**

可移式电动工具的安全 第二部分：平刨和厚度刨的专用要求

(English Translation)

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Appendix

Foreword

All technical content in this section is mandatory.

This part belongs to GB 13960 "Safety of transportable power tool" in the second part of the standard series. GB 13960 series of standards consists of the following Components.

GB 13960.1 "Safety of transportable electric tools - Part 1. General requirements" GB 13960.2 "safe second portion movable electric tools. requirements for circular saws" GB 13960.3 "Safety of transportable electric tools Part II. Particular requirements for radial arm saws" GB 13960.4 "safe second portion movable electric tools. planer and thickness planer special requirements" GB 13960.5 "safe second portion movable electric tools. Particular requirements for bench grinders" GB 13960.6 "safe second portion movable electric tools. requirements for band saws" GB 13960.7 "safe second portion movable electric tools. Particular requirements for diamond drills with water supply." GB 13960.8 "Safety of transportable electric tools Part II. Particular requirements for diamond saws with water supply." GB 13960.9 "Safety of transportable electric tools Part 2. Particular requirements for cutting machine" GB 13960.10 "Safety of transportable electric tools Part II. single spindle vertical milling special requirements" GB 13960.11 "Portable electric tools Part Security. profile cutting machine of special requirements" GB 13960.12 "Safety of transportable electric tools Part II. Particular requirements for high pressure cleaners" GB 13960.13 "safe second portion movable electric tools. combined miter - bench saws requirements" Since the implementation of this section instead of GB 13960.4-1996, GB 13960.1 and used in conjunction with the second edition.

This section GB 13960.4-1996 major technical modifications include.

- 1) the structure of the reg part since the first part of the amendment and the change caused;
- 2) incorporated into the original 7.6 8.1;
- 3) Replace the original 7.13 8.12.101;
- 4) 8.12.2a) increase. "101) containing sawdust collection and discharge cover thickness planing should be coupled with a dust collecting device."
- 5) 8.12.2c) increase; "101) The thickness of the plane should regularly check the validity of the anti-kickback device and the feed axis in order to ensure safe operation Make. "
- 6) the original 18.1 to 18.8.2; 18.3 read.
"19.101 tool should have sufficient stability.

Along the workpiece feed direction, applying 300N thrust to the front edge of the table, in this condition, the tool should not be overthrown in 100N Lower thrust tool should not be moved.

Checked by inspection. "

7) increase in Chapter 21, "21.17 Added.

Diameter (100 ± 1) mm sphere applied perpendicular to the mounting surface switch tool, the tool should be impossible to start.

8) 21.18.2 Change the second paragraph as follows. "Voltage After power recovery, the tool should not automatically start."

9) Chapter 23, 23.1.11 increase of Review. "This provision does not apply."

10) Chapter 28, 28.2.1 increase of Review. "This provision does not apply."

11) Chapter 29, an increase of 29.2 modification. "The provisions of the second paragraph does not apply to the last two dashes last paragraph does not apply.." this section states that "applicable", expressed in GB 13960.1 corresponding provisions applicable; this section states that "change", and then these Subject to the provisions of section; this section states that "modify", expressed in GB 13960.1 corresponding provisions of the relevant content of this section shall be modified the norm, and the provision of other content still apply; this states "addition", and said that apart from the corresponding article in line with GB 13960.1 Wen, it must also comply with this section, the increased provision.

This part is proposed by the China Electrical Equipment Industrial Association.

This part of the National Power Tools Standardization Technical Committee (SAC/TC68) and focal point responsible for the interpretation.

This section is responsible for drafting unit. Shanghai Electric Tool Research Institute.

1 Scope

In addition to the following provisions of this chapter apply GB 13960.1.

Increase in the first paragraph.

This standard applies to the maximum width of 260mm planing of movable type and thickness planer planing.

2 Normative references

GB 13960.1 of this chapter apply.

3 Terms and Definitions

In addition to the following provisions of this chapter apply GB 13960.1.

3.101

Rotating the arbor with lying to the surface of the wood planing tool. The arbor is disposed between the starting position and support the role of the work of the two brackets (Lower surface of the workpiece to be shaved).

3.102

By rotating the arbor to recline planing the wood surface to a thickness of a set of tools. Planer distance and placement of the workpiece between the work surface is adjustable (on the surface of the workpiece is planing).

3.103

Both planer and thickness planing of tools.

3.104

Rotating the drum parts, planer, fixtures and the shaft thereof.

4 General requirements

GB 13960.1 of this chapter apply.

5 General Considerations, trials

GB 13960.1 of this chapter apply.

6 Void

Category 7

GB 13960.1 of this chapter apply.

8 Marking and instructions

In addition to the following provisions of this chapter apply GB 13960.1.

8.1

Addition.

The maximum load speed --- arbor, r/min;

--- Planing width, mm.