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

GB 13960.10-2009

Replacing GB 13960.10-1998

**Safety of transportable motor-operated electric tools -- Part 2:
Particular requirements for single spindle vertical moulder**

可移式电动工具的安全 第二部分：单轴立式木铣的专用要求

(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 13960.10-1998, and used with GB 13960.1 Second Edition.

This section GB 13960.10-1998 major technical modifications include.

- 1) reg changes in the structure of the first part due to the partial revision caused.
- 2) signs and instructions Chapter 8, incorporated the original 7.6 8.1; 7.13 original content to 8.12.101.
- 3) 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. "

- 4) increased 19.1 last.

Means "tool should the fence or extending table with fixed anti-kickback device (such as an adjustable end-stop) in. The device may be Fixing hole of 12mm maximum diameter.

Anti-kickback device should be able to withstand a rebound along the direction of 300N static without permanent damage. "

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

6) Chapter 28, 28.2.1 increase of Review. "This provision is not applicable"

7) 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 section applies to the maximum diameter of 180mm arbor of transportable single spindle vertical milling.

2 Normative references

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

increase.

ISO 7009. 1983, single-axis milling machine woodworking machinery Nomenclature and acceptance conditions

3 Terms and Definitions

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

3.101

Extending from the workbench with vertical rotary cutter, the timber forming or mortising tool, the workpiece and the workpiece support table set Bits, while the workpiece toward the tool axis feed by hand. Motor and gear parts arbor placed under the work table, or table is adjustable arbor Section (see Figure 101).

3.102

Rotating member by the tool holder and tool form.

3.103

The motor shaft is connected to a one-piece shaft axis fixed cutter or activity.

3.104

Mounted turret shaft together with nuts, washers, consisting of the support shaft member.

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 no-load speed of the arbor-like $0, r/min$;

--- The biggest knife shaft diameter, mm;

--- Similar to the graph of Fig. 109, corresponding to a given tool type and diameter of the optimum speed, r/min ;

Rotation direction --- arbor application raised or depressed arrows, or with clarity and durability degree at least equivalent thereof His method indicated on the tool.

8.12.101 Single spindle vertical milling safety instructions

The following additional safety instructions must be given, it should be required to write the order literally, as written in other languages, meaning the Chinese should be the same.

--- By using the appropriate table bushing hole with respect to the table so that the tool dimensions as small as possible;