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

GB/T 13571-2025

Replacing GB/T 13571-2008

**Vertical single spindle boring machines for woodworking -
Vocabulary and accuracy**

立式单轴木工钻床 术语和精度

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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 supersedes GB/T 13571-2008 "Terminology and Precision of Single-Axis Drilling Machines for Woodworking Machines" and is consistent with GB/T 13571-2008. Compared to previous versions, aside from structural adjustments and editorial changes, the main technical changes are as follows:

---The normative references have been changed (see 4.2,

4.7 and Table 1; 3.2,

3.7 and Table 2 in the.2008 edition);

---The term "Terminology" has been changed to "Terms and Definitions," and the example drawing and related technical content of the vertical single-axis woodworking drill have been revised (see page 3). Chapter 4 (2008 edition);

---The phrase "Brief Description" has been changed to "General Requirements," and the relevant content descriptions have been revised (see Chapter 4, Chapter 3 of the.2008 edition);

---The inspection methods in the geometric accuracy inspection items have been changed (see Chapter 5, Chapter 5 of the.2008 edition). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the China Machinery Industry Federation. This document is under the jurisdiction of the National Technical Committee on Standardization of Woodworking Machine Tools and Cutting Tools (SAC/TC84). This document was drafted by: Fujian Provincial Academy of Mechanical Sciences, Shunde Polytechnic, and Weihai Municipal Institute of Product Quality Standards and Metrology. Institute, Foshan Hongma CNC Technology Co., Ltd., Shandong Gongyou

Machinery Co., Ltd. The main drafters of this document are. Wu Shangjing, Wang Rongfa, Ju Hongxiang, He Guoqiang, Song Zhimin, and Gong Yiqian. This document was first published in.1992, revised for the first time in.2008, and this is the second revision. Vertical single-axis woodworking drill terminology and precision

1 Scope

GB/T 13571-2025 is the Chinese national standard on vertical single spindle boring machines for woodworking - vocabulary and accuracy, in the field of wood technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 31 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2026. Classification: ICS 79.120.10, CCS J65. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document defines the terminology for vertical single-axis woodworking drills and their main components, specifies the geometric accuracy inspection and corresponding tolerances, and describes... The corresponding experimental methods were developed. This document applies to the accuracy inspection of general-purpose, ordinary-precision vertical single-axis woodworking drills. This document is not applicable to operational tests of vertical single-axis woodworking drills (such as inspections for vibration, abnormal noise, and component creep), nor is it suitable for... Used for testing the characteristics of machine tools (such as speed, feed rate, etc.).

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 17421.1-2023 General Rules for Machine Tool Inspection - Part

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Equipped with a vertical spindle and a horizontal worktable, it uses a rotating cutting tool to machine cylindrical holes in the workpiece by removing chips. Woodworking machine

tools. Note

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