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

GB/T 14386-2025

Replacing GB/T 14386-2008

**Machines for planing and thickness in one operation for
woodworking - Vocabulary and accuracy**

平压两用木工刨床 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 14386-2008 "Terminology and Precision of Woodworking Machine Tools - Flatbed Planers", and is consistent with GB/T 14386-2008. In comparison, 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 diagram and related technical content of the flatbed woodworking planer 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);

---The fixture in geometric accuracy inspection item 4 has been changed (see Table 1, No. 4 in Chapter 5, Chapter 5, G4 in 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 Foshan Shunde Woknior Machinery Co., Ltd. The company, Weihai Product Quality Standards Metrology and Inspection Institute, and Shandong Gongyou Machinery Co., Ltd. The main drafters of this document are. Cheng Deming, Wang Rongfa, Wang Can, Ju Hongxiang, and Song Zhimin. This document was first published in.1993, revised for the first time in.2008, and this is the second revision.
Terminology and Precision of Flatbed Woodworking Planers

1 Scope

GB/T 14386-2025 is the Chinese national standard on machines for planing and thickness in one operation 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 a flatbed and flatbed woodworking planer and its main components, specifies the geometric accuracy inspection and corresponding tolerances, and describes... The corresponding experimental methods were developed. This document applies to the precision inspection of general-purpose, ordinary-precision flatbed and flatbed woodworking planers. This document is not applicable to operational tests of flatbed and pressure woodworking planers (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 A two-sided woodworking planer that first performs planing (reference surface machining) on the workpiece and then pressure planing (thickness machining) in one feed.

Note

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