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

GB/T 19984-2025

Replacing GB/T 19984-2005

Veneer pack edge shears - Vocabulary and accuracy

单板剪切机 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 19984-2005 "Terminology and Precision of Veneer Shearing Machines for Woodworking Machines" and is consistent with GB/T 19984-2005. 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.2005 edition);

---The term "Terminology" has been changed to "Terms and Definitions," and the example diagram of the single-plate shearing machine and related technical content have been revised (see Chapter 3,.2005). Chapter 4 of the.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.2005 edition);

---The inspection methods in the geometric accuracy inspection items have been changed (see Chapter 5, Chapter 5 of the.2005 edition);

---The gauge in geometric accuracy inspection item 3 has been changed (see Table 1, item 3 in Chapter 5, and Table 2, item G3 in

5.1 of the.2005 edition);

---The inspection of machine tool working accuracy has been removed (see

5.2 in the.2005 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: Guangdong Product Quality Supervision and Inspection Institute, Shunde Polytechnic, and Foshan Jingmijia Machinery Co., Ltd. Fujian Provincial Academy of Mechanical Sciences, Foshan Shunde Weirong Machinery Co., Ltd., and Guangdong Foshan Shunde Junlian Honghui Machinery Manufacturing Co., Ltd. company. The main drafters of this document are. Cheng Mianlong, Xie Suijian, Yin Zhijiang, Song Ting, Guan Furong, and Yu Caiqing. This document was first published in.2005, and this is its first revision. Single-plate shearing machine terminology and precision

1 Scope

GB/T 19984-2025 is the Chinese national standard covering the machine that shears a stack of veneer to size - its terminology, the straightness and squareness of the cut, and the accuracy of the fence and the feed that decide how much veneer becomes offcut. Issued on 31 October 2025, it has been in force since 1 May 2026, replacing GB/T 19984-2005.

This document defines the terminology for the veneer shearing machine and its main components, specifies the geometric accuracy inspection and corresponding tolerances, and describes the relevant... The experimental method. This document applies to the accuracy inspection of general-purpose, ordinary-precision single-plate shearing machines. This document is not applicable to operational tests of single-plate shearing machines (such as vibration, abnormal noise, component creep, etc.), nor is it applicable to machine... Test the characteristics of the bed (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 Veneerpack Edge Shears Woodworking machine tools that use blades to cut and process materials such as veneer and wood veneer. Note