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

GB/T 18262-2024

Replacing GB/T 18262-2000

Wood-based panel machinery - General specifications

人造板机械 通用技术条件

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. This document replaces GB/T 18262-2000 "General Technical Requirements for Wood-Based Panel Machinery". In addition to structural adjustments and editorial changes, the main technical changes are as follows:

- a) Added terms and definitions (see Chapter 3);
- b) Added energy conservation and environmental protection (see 4.1.3), remanufactured parts (see 4.2.1.5), control systems (see 4.2.3.2), numerical control systems (see 4.2.3.3), instruments and meters (see 4.2.3.4), etc.;
- c) Changed "inspection" to "inspection method" and "inspection rules" (see Chapter 5 and Chapter 6, Chapter 6 of the 2000 edition);
- d) Added parameters (see 5.2), component materials and processing technology (see 5.4.1), control system (see 5.7.2), CNC system (see 5.7.3), inspection methods for instruments, meters (see 5.7.4), electrical control cabinets (see 5.7.5), etc.;
- e) Added the content of "storage" (see 7.3);
- f) "Manufacturer's guarantee" has been deleted (see Chapter 8 of the 2000 edition). Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document was proposed by the State Forestry and Grassland Administration. This

document is under the jurisdiction of the National Technical Committee for Standardization of Wood-Based Panel Machinery (SAC/TC66). This document was drafted by: Northeast Forestry University, Nanjing Forestry University, Guangzhou Hongya CNC Machinery Co., Ltd., Harbin Wood Products Manufacturing Co., Ltd., Beijing Forestry University, Shanghai Wood-Based Panel Machinery Factory Co., Ltd., Zhenjiang Zhongfuma Machinery Co., Ltd., Suzhou Sufuma Machinery Co., Ltd. Company, Xinyang Woodworking Machinery Co., Ltd., Shanxi Qiulin Machinery Co., Ltd., and Wood Industry Research Institute of Chinese Academy of Forestry. The main drafters of this document are: Hua Jun, Shi Tiehuai, Chen Guangwei, Wang Baojin, Li Li, Li Shaokun, Hu Debiao, Shen Wenrong, Hu Dedi, Chen Chaohui, Ren Yusheng, Zhang Beilong, Sun Yinkun, Wang Qi, and Wang Xinxu. The previous versions of this document and the documents it replaces are as follows:

---First published in 2000 as GB/T 18262-2000;

---This is the first revision. General technical requirements for wood-based panel machinery

1 Scope

GB/T 18262-2024 is the Chinese general standard for wood-based panel machinery: the chippers, refiners, dryers, formers, presses, saws and sanders that make particleboard, fibreboard and plywood. It is the base specification the machine-specific standards build on, and it exists because these machines share a set of hazards and requirements that are unusual as a combination, large moving masses, high temperatures and pressures, and an atmosphere of combustible dust throughout. The standard sets the general requirements on the design and manufacture, the materials and the purchased components, the requirements on the machined and welded parts and on the assembly, the electrical, hydraulic and pneumatic system requirements, the safety and protection requirements including guarding, emergency stop, dust and fire protection and noise, the requirements on the appearance and the coating, the accompanying documentation, and the test and acceptance requirements including the no-load and load running tests. The 2024 edition replaces GB/T 18262-2000. For a machine builder or a panel plant in China, this is the acceptance text.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 150.1 Pressure vessels Part

GB/T 9439 Grey iron castings

GB/T 9969 General principles for instructions for use of industrial products

GB/T 10217 Guidelines for the design of electrical control equipment

GB/T 10961 Graphic symbols for operation instructions of woodworking machine tools

GB/T 12361 General technical requirements for steel die forgings GB/T 13306 Labels

GB/T 13384 General technical requirements for packaging of electromechanical products

GB/T 14436 General Principles for Industrial Product Warranty Documents

GB/T 14775 General ergonomics requirements for manipulators

GB/T 14776 Ergonomics job position size design principles and values