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

GB/T 14713-2023

Replacing GB/T 14713-2009

General technical conditions for veneer lathe

旋切机通用技术条件

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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 replaces GB/T 14713-2009 "General Technical Conditions for Rotary Cutting Machines": Compared with GB/T 14713-2009, except for structural adjustments In addition to editorial changes, the main technical changes are as follows:

- a) Changed the scope of application (see Chapter 1, Chapter 1 of the:2009 edition);
- b) Added structural diagrams of card-free rotary cutting machines and compound rotary cutting machines (see Figures 2 and 3);
- c) Added parameters and specifications for spindle-free rotary cutting machines and compound rotary cutting machines (see Table 1);
- d) The maximum length specification of rotary cut wood segments has been changed (see Table 1, Table 1 of the:2009 version);
- e) The chip removal device is deleted (see 5:1:14 of the:2009 version);
- f) Added main component requirements (see 6:2), assembly requirements (see 6:3), and safety requirements (see 6:4);
- g) The geometric accuracy (see Table 2, Table 3 of the:2009 version) and working accuracy (see Table 4, of the:2009 version) of the rotary cutting machine with stuck shaft have been changed: Table 4);
- h) Increased the geometric accuracy of card-free rotary cutting machines and compound rotary cutting machines (see Table 3);
- i) The division and tolerance of working accuracy plate thickness sections have been changed (see Table 4, Table 4 of the:2009 version);
- j) Added some dry running test requirements (see 6:7);
- k) Added partial load test requirements (see 6:8);
- l) Added storage requirements for rotary cutting machines (see 8:4 and 8:5): Please note

that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents: This document is proposed by the State Forestry and Grassland Administration: This document is under the jurisdiction of the National Technical Committee for Standardization of Artificial Panel Machinery (SAC/TC66): This document was drafted by: Shandong Baishengyuan Group Co., Ltd., Wood Industry Research Institute of the Chinese Academy of Forestry Sciences, Beijing Forestry University, Jiangxi Sanji Technology Co., Ltd., Shandong Xuanjin Machinery Co., Ltd., and Huili Equipment Manufacturing Co., Ltd: The main drafters of this document: Wang Chengrui, Li Xiaoxu, Xu Weicai, Yan Chenglin, Yu Yongpeng, Li Li, Wang Shujin, Deng Bin, Xu Hongchang, Qi Shifei, Zhang Zhengming, Zhu Jingzhen, Guo Yihong: The previous versions of this document and the documents it replaces are as follows:

---First published in 1985 as GB 5049-1985 "Parameters of Rotary Cutting Machines" and GB 5050-1985 "Precision of Rotary Cutting Machines", first in:1993 During the first revision, GB 5049 and GB 5050 were merged, and the standard number was changed to GB/T 14713-1993: It was revised for the second time in:2009:

1 Scope

GB/T 14713-2023 is the Chinese national standard on general technical conditions for veneer lathe, 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 27 November 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 27 November 2023. Classification: ICS 79.120.99, CCS B 97. 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 stipulates the main parameters, requirements and inspection methods, inspection rules and markings, packaging and storage of the rotary cutting machine: This document is applicable to the design, manufacture and use of rotary cutting machines for peeling wood (including rotary cutting machines with stuck shafts, rotary cutting machines without stuck shafts, and composite rotary cutting machines): test:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments)

applies to this document:

GB/T 191 Packaging, storage and transportation pictorial mark

GB/T 1348 Ductile iron castings GB 2893 safety color

GB 2894 Safety signs and guidelines for their use

GB/T 3766 General rules and safety requirements for hydraulic transmission systems and their components

GB/T 4208 Shell protection level (IP code) GB/T 5226:

1 Mechanical and electrical safety mechanical and electrical equipment Part 1: General technical conditions

GB/T 7932 General rules and safety requirements for pneumatic systems and their components GB/T 9239:

1 Mechanical vibration constant (rigid) rotor balance quality requirements Part 1: Inspection of specifications and balance tolerances

GB/T 9439 gray iron castings GB/T 13306 Signage

GB/T 13384 General technical conditions for mechanical and electrical product packaging

GB/T 15785 General technical conditions for rotary cutting machine blades

GB/T 18262 General technical conditions for artificial panel machinery

GB/T 18514 General Safety Principles for Artificial Panel Machinery

3 Terms and definitions

There are no terms or definitions to be defined in this document: