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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

LY/T 1373-2025

Replacing LY/T 2165-2013 LY/T 1373-2016

Wood-based panel machinery-Centering machine

人造板机械 定心机

(English Translation)

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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 LY/T 1373-2016 "Halo Projection Centering Machine" and LY/T 2165-2013 "Mechanical Three-Point Centering Woodworking Machine".

Compared with LY/T 1373-2016 and LY/T 2165-2013, the main technical changes are as

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follows, apart from structural adjustments and editorial modifications.

a) Added terms and definitions (see Chapter 3);

b) The simplified diagram has been modified (see 4.1, 4.2, Chapter 3 of LY/T 1373-2016 and LY/T 2165-2013).

c) Simplified structural diagrams of the mechanical four-point centering machine and the X-Y photoelectric centering machine have been added (see 4.3 and 4.4);

d) The main parameters of the mechanical four-point centering machine and the X-Y photoelectric centering machine have been added (see Chapter 5);

e) The general requirements (see 6.1, 5.1 of LY/T 1373-2016 and LY/T 2165-2013) and the requirements for major components (see 6.2) have been changed.

(See 5.2 of LY/T 2165-2013) and geometric accuracy (see 6.5, 5.2.1 of LY/T 1373-2016, and LY/T 2165-2013).

5.3.1) Working accuracy (see 6.6, 5.2.2 of LY/T 1373-2016, 5.3.2 of LY/T 2165-2013), no-load test (See 6.7, 5.3 of LY/T 1373-2016, and 5.4 of LY/T 2165-2013), load test (see 6.8, LY/T 1373-(5.4 of 2016, 5.5 of LY/T 2165-2013).

f) Assembly requirements and safety requirements have been added (see 6.3 and 6.4);

g) The inspection rules have been changed (see Chapter 7, Chapter 6 of LY/T 1373-2016 and LY/T 2165-2013).

h) The marking, packaging, and storage have been changed (see Chapter 8, Chapter 7 of LY/T 1373-2016 and LY/T 2165-2013).

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 and is under the jurisdiction of the National Technical Committee on Standardization of Wood-based Panel Machinery (SAC/TC 66).

1 Scope

This document specifies the main parameters, requirements, inspection rules, marking, packaging, and storage of the centering machine, and describes the corresponding inspection methods.

This document applies to halo projection centering machines, mechanical three-point centering machines, mechanical four-point centering machines, and X-Y photoelectric centering machines used in log veneer cutting.

(Hereinafter referred to as the mind stabilizer).

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2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are listed below.

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.

document.

GB/T 191 Pictorial Symbols for Packaging and Storage GB 2893 Safety Colors GB 2894 Safety signs and their usage guidelines GB/T 3766 General rules and safety requirements for hydraulic transmission systems and their components GB/T 4208 Degrees of protection provided by enclosures (IP code) GB/T 5226.1 Electrical Safety of Machinery - Electrical Equipment of Machinery - Part 1: General Technical Conditions GB/T 7932 General rules and safety requirements for pneumatic systems and their components GB/T 13306 Nameplates GB/T 13384 General Technical Requirements for Packaging of Mechanical and Electrical Products GB/T 17164 Terminology for Geometric Measuring Instruments - Product Terminology GB/T 18262 General Technical Requirements for Machinery Used in Wood-based Panels GB/T 18514 General Rules for Mechanical Safety of Wood-based Panels GB/T 23570 General technical requirements for welded parts of metal cutting machine tools GB/T 24343 Test Specification for Insulation Resistance of Electrical Equipment for Industrial Machinery GB/T 26220 General Technical Requirements for Numerical Control Systems for Industrial Automation Systems and Integrated Machine Tools JB/T 9953 Method for Measuring Sound Pressure Level of Woodworking Machine Tools LY/T 1454-2018 General Rules for Inspection of Mechanical Precision of Wood-based Panels LY/T 1382 Classification Terminology for Wood-based Panel Machinery

3 Terms and Definitions

The terms and definitions defined in LY/T 1382 and GB/T 17164 apply to this document.

4 Simplified Diagram

4.1

A simplified structural diagram of the halo projection centering machine is shown in Figure 1.

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