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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

LY/T 1382-2025

Replacing LY/T 1382-2008

Wood-based panel machinery - classified vocabulary

人造板机械分类术语

(English Translation)

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Preview: page 1 of 5 shown, 23 in the full document. Complete English PDF, instant download:
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Table of Contents

Preface
1 Scope
2 Normative References
3 Terms and Definitions
Reference
Index

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 LY/T 1382-2008 "Classification Terminology for Machinery Used in Wood-based Panels". Compared with LY/T 1382-2008, except for structural adjustments and...

Aside from editorial changes, the main technical changes are as follows.

a) The following categories have been removed. post-processing equipment (see 2.20 of the 2008 edition), loading and unloading equipment (see 2.22 of the 2008 edition), and containers (see 2008 edition).

Terms and definitions such as 2.36 (version 2.36) and concentration regulators (see 2.37 (version 2.37));

b) Added veneer repair machine (see 3.8), slab pretreatment equipment (see 3.18), surface quality inspection equipment (see 3.23), and secondary processing equipment.

Equipment (see 3.24), adhesive and additive mixing equipment (see 3.26), coating processing equipment (see 3.31), auxiliary equipment (see 3.32), etc.

Terminology and definitions for various types of equipment used in panel manufacturing machinery;

c) Added a centering woodworking machine, an eccentric veneer cutting machine, a veneer-shearing machine, a mechanical sorting machine, an air classifier, a metal rejector, and a roll conveyor.

Machines, including transverse planing machines, longitudinal planing machines, edge

Preview: page 2 of 5 shown, 23 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ly-t-1382-2025

trimming machines, puttying machines, hole punching and joint filling machines, longitudinal splicing machines, transverse splicing machines, and veneer splicing machines.

Machines, including cross-laminated mills, disc chippers, drum chippers, mobile chippers, hammer mills, planers, grinders, and hot mills.

Fine grinding mill, high-speed pulping mill, veneer dryer, shavings dryer, fiberboard dryer, coating dryer, fiber dryer, mixing mill Material slab dryer, glue mixer, glue sprayer, glue coater, glue spraying machine, pipe gluing system, dry fiber laying machine, shavings laying machine Mixed material paving machine, slab preheating equipment, frame-type hot press, column-type hot press, box-type hot press, horizontal hot press, single-layer Hot press, continuous hot press, pre-press, other presses, longitudinal trimming machine, transverse trimming machine, combined trimming machine, other trimming machines.

Roller sanders, wide-belt sanders, paint sanders, brush sanders, intelligent inspection systems (see 3.2.4, 3.3.5, 3.3.6).

3.4.1, 3.4.5, 3.4.6, 3.5.1, 3.6.1, 3.6.5, 3.7.6, 3.8.2, 3.8.6, 3.9.1, 3.9.5, 3.9.6, 3.9.7 3.11.1, 3.11.2, 3.11.5, 3.11.6, 3.11.8, 3.11.15, 3.12.1, 3.12.2, 3.12.3, 3.14.1, 3.14.4 3.14.11, 3.14.12, 3.14.13, 3.14.14, 3.15.1, 3.15.4, 3.15.5, 3.15.6, 3.15.8, 3.16.1, 3.16.4 3.16.8, 3.18.1, 3.19.2, 3.19.3, 3.19.4, 3.19.6, 3.19.7, 3.19.10, 3.19.18, 3.19.22, 3.21.1 Terms and conditions in the panel machinery section (3.21.2, 3.21.3, 3.21.5, 3.22.1, 3.22.2, 3.22.3, 3.22.4, 3.23.1) and other related terms and conditions.

definition;

d) Added roller peeling machine, ring peeling machine, toothed roller peeling machine, high-pressure jet peeling machine, mechanical three-point centering machine, and four-point centering machine.

Machine, halo projection centering machine, single-axis veneer, hydraulic double-axis veneer, veneerless veneer, veneer-and-vater integrated veneer, Rotary screen, oscillating screen, grading screening machine, iron remover, veneer folding conveyor, belt veneer conveyor, horizontal transverse slicer, inclined...

Inclined shearing machine, vertical transverse shearing machine, ordinary shearing machine, pneumatic shearing machine, foot-operated shearing machine (see 3.1.1, 3.1.2) 3.1.3, 3.1.4, 3.2.1, 3.2.2, 3.2.3, 3.3.1, 3.3.2, 3.3.3, 3.3.4, 3.4.2, 3.4.3, 3.4.4, 3.4.7 Terms and definitions in the field of wood-based panel machinery (sections 3.5.2, 3.5.3, 3.6.2, 3.6.3, 3.6.4, 3.7.1, 3.7.2, 3.7.3, etc.);

e) Modifications were made to the blanking equipment (see 3.10, 2.18 of the 2008 edition), the wood chip cleaning equipment (see 3.13, 2.26 of the 2008 edition), and the board cutting equipment.

Preview: page 3 of 5 shown, 23 in the full document. Complete English PDF, instant download:
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Paper dryers (see 3.21, 2.5 of the 2008 edition), impregnated paper dryers (see 3.24.1, 2.34 of the 2008 edition), and special-purpose conveyors (see...) 3.27 (2.8 of the 2008 edition), gas-solid separation device (see 3.28, 2.28 of the 2008 edition), lifting platform (see 3.32.5, 2008 edition) (See version 2.31), magnetic separator (see 3.33.1, version 2.30 of 2008), electromagnetic vibrator (see 3.33.5, version 2.29 of 2008).

Terms and definitions, etc.

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 defines the classification terminology for wood-based panel machinery.

This document applies to the design, manufacture, use, trade, teaching, research, and publication of wood-based panel machinery.

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 18263 Terminology for Hot Press Machines in Wood-based Panels

3 Terms and Definitions

The terms and definitions defined in GB/T 18263 and the following terms and definitions apply to this document.

debarker peeling machine A type of machinery that removes bark from trees using methods such as friction, milling, or high-pressure jetting.

3.1.1

drum debarker

A bark peeling machine that uses the rotation of a drum to cause friction and impact between wood pieces and between wood pieces and the drum, thus removing the bark from trees.

Preview: page 4 of 5 shown, 23 in the full document. Complete English PDF, instant download:
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3.1.2

Ring type debarker

A bark peeling machine in which logs are held and fed by rollers, and a blade ring rotor rotates at high speed around the logs to cut and remove the bark.

3.1.3

Toothed roller debarker A bark peeling machine that uses the rotation of a toothed roller shaft to drive the logs to tumble and impact in a trough to remove the bark.

3.1.4

High-pressure waterjet debarker A bark peeler that uses the impact force of high-pressure water jets or high-temperature, high-pressure steam jets to remove bark from trees.

centering machine

A type of machine that uses mechanical, optical, and other methods to determine the center line of a wood segment during rotary cutting.

3.2.1

Mechanical three-point centering machine A centering machine is used to determine the center line of the wood section rotary cutting by using three pendulum rods that intersect at 120° and are always equidistant from the center of rotation.

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