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LY

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

LY/T 1378-2004

Replacing LY/T 1378-1999

Mat cross-cut saw

板坯横截锯]

(English Translation)

Issued on: November 3, 2004 **Implemented on: December 1, 2004**

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Foreword

This standard replaces LY/T 1378-1999 "Cross-Saw".

The main changes in this standard compared with LY/T 1378-1999 are as follows.

--- Change the standard name to "Slab Cross-Saw";

--- Processing width increased to 3050mm;

--- Increased technical requirements for saw blade spindles;

--- Test methods, acceptance rules, signs, packaging, transportation, storage are rewritten according to new relevant standards.

This standard is proposed and managed by the National Technical Committee for Wood-based Panel Machinery Standardization.

This standard was drafted. Shanghai Wood-based Panel Machinery Co., Ltd.

The main drafter of this standard. Qian Jiayu.

The previous versions of the standards replaced by this standard are.

---ZBB97014-1986, LY/T 1378-1999.

Slab cross-section saw

1 Scope

This standard specifies the parameters, requirements, test methods, inspection rules and signs, packaging, transportation, and slab cross-cut saws (hereinafter referred to as cross-cut saws).

Storage.

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This standard is applicable to the equipment for cutting the slab laterally by sawing method in the production of fiberboard and particleboard.

2 Normative references

The terms in the following documents become the terms of this standard by reference to this standard. All dated references, followed by all Modifications (not including errata content) or revisions do not apply to this standard, however, parties to agreements based on this standard are encouraged to study is it possible to use the latest version of these files? For undated references, the latest edition applies to this standard.

GB/T 191 packaging storage and transportation icon GB 5226.1 Mechanical safety machinery and electrical equipment - Part 1. General technical conditions GB/T 7932 pneumatic system general technical conditions GB/T 13306 signage General technical conditions for GB/T 13384 mechanical and electrical product packaging General technical conditions for GB/T 18262 wood-based panel machinery GB/T 18514 wood-based panel machinery safety rules JB/T 9953 Woodworking Machine Noise Acoustic (Pressure) Level Measurement Method

3.1 Schematic

A schematic diagram of the cross-sectional saw structure is shown in Figure 1.

3.2 Parameters

3.2.1
Processing width is 915mm, 1220mm, 1830mm, 2440mm, 3050mm.

3.2.2
The thickness of the sawing slab is 10mm~300mm.

4 Requirements

4.1
The design, manufacture and acceptance of cross-section saws shall comply with the requirements of GB/T 18262, in addition to complying with this standard.

4.2
Standard parts and purchased parts of cross-cut saws shall be certified and conform to national or industrial standards and shall be carried out simultaneously with the cross-cut saw.

Operation test.

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4.3
Cross-cut saws shall comply with the safety technical requirements of GB/T 18514.

4.4
The saw blade travels flexibly on the beam guide rails, and must not be shaken during operation without creeping. The following two rollers and the beam guide surface the assembly gap is no more than 0.8mm, and the platen moves freely.

4.5
The center plane deviation of the sprocket after assembly is not more than 0.5mm, and the chain pallet is in contact with the chain over its entire length.

4.6
Electrical technical requirements shall comply with the provisions of GB 5226.1.

4.7
The technical requirements of pneumatic components shall comply with the provisions of GB/T 7932.

4.8
Dry running noise should be no more than 80dB (A).

4.9
The temperature of each sliding bearing shall not exceed 60 °C, the temperature rise shall not exceed 30 °C, the temperature of rolling bearing shall not exceed 70 °C, and the temperature rise shall not exceed Over 40 ° C.

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