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PEOPLE'S REPUBLIC OF CHINA

GB/T 30476-2013

Woodworking machines - Single chain mortising machines - Nomenclature and acceptance conditions

木工机床 链式单轴榫槽机 术语和精度

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard uses the translation method identical with ISO 7950. 1985 "Chain uniaxial woodworking machines Tenon slot machines Nomenclature and acceptance conditions" (English Chinese Version).

Consistency correspondence with international standards in this standard references of our standards are as follows.

--- GB/T 17421.1-1998 Test code for machine tools - Part 1. under no-load or finishing conditions Geometric accuracy of machines (EqvISO 230-1.1996) for ease of use, this standard made the following editorial changes.

Chapter 2 International Standard ISO/R230 to the official version of the International Standard ISO 230-1.

The standard proposed by China Machinery Industry Federation.

This standard by the National Woodworking Machine and Tool Standardization Technical Committee (SAC/TC84) centralized.

This standard drafting unit. Woodworking Machine Tool Research Institute, Fuzhou, Weihai City Product Quality Supervision, Inspection, Minhou County Cheung Woodworking Machinery Factory, Jinhua City-Acer Co. furniture, Linhai City, Chau Machinery Co., Ltd., Guangdong Rui Asia Machinery Co., Ltd. Shaowu Zhenda Machinery Manufacturing has Limited liability company, Nantong country-wide Woodworking Machinery Manufacturing Co., Ltd.

Drafters of this standard. Zheng Li, Juhong Xiang, Lin Wenxin Chen Yun root, Fan Qingping, Zhou Hua standard, Yang Hua, Liwen Xiao, Chen Guoquan.

Woodworking machines uniaxial chain mortise machine Nomenclature and

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1 Scope

This standard specifies the terms of each part of the chain uniaxial tenon slot machine (hereinafter referred to as machine tools), while referring to ISO 230-1:1996, defines the machine Geometric precision test bed, and given the appropriate tolerances for general use, general precision machine tools.

This standard only requires that the machine accuracy test, does not apply to running test machine (such as vibration, unusual noise, reptiles and other parts of the seized Experience), does not apply to machine features test (such as speed, feed rate, etc.), these tests are generally advised to test for accuracy in front of the machine.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

ISO 230-1:1996 Test code for machine tools - Part 1. under no-load or finishing conditions Geometric accuracy of machines

3 Short Description

3.1
standard in all dimensions and tolerances are in millimeters.

3.2
This standard should be used with reference to ISO 230-1:1996, in particular the temperature rise test before the installation of the machine spindle and other moving parts, in order to and test methods. Gage error should not exceed 1/3 of the tolerance of the subject project.

3.3
standard geometric accuracy test order is given by the machine tool assembly sequence, which is not limited by the order of the actual inspection time. In order to facilitate Installation and testing of the seizure, inspection in any order.

3.4
Test Project selection is determined by the user, and in agreement with the manufacturer, clearly defined at the time of ordering the machine.

3.5
movement in the direction of the workpiece called longitudinal movement.

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3.6

When determining the minimum conversion time measuring range is different tolerances specified in this standard on measuring range should be considered tolerance is 0.01 mm (see ISO 230-1:1996 in 2.311).

4 Terms

Tools - Terminology Figure 1 and Table 1.

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