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

中华人民共和国国家标准

GB/T 14386–2008/ISO 7570: 1986

Replace GB/T 14386–1993

**Woodworking machines—Surface planing and thicknessing
machines—Nomenclature and acceptance conditions**

木工机床 平压两用刨床

术语和精度

(ISO 7570: 1986, IDT)

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Quarantine of the People's Republic of China**

Standardization Administration of the People's Republic of China

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Foreword

This Standard is identical to ISO 7570: 1986: *Woodworking machines — Surface planing and thicknessing machines — Nomenclature and acceptance conditions*.

For ease of use, following technical changes have been made by this Standard:

- Changed the “this International Standard” as “this Standard”;
- Replaced the comma symbol “,” by decimal point “.”;
- Deleted the French terms and Annex A;
- Deleted the foreword of International Standard;
- Added the introduction of normative references;
- For the International Standards refer to ISO 7570, replaced by National Standard corresponding International Standards.

This Standard is revision of GB/T 14386-1993 *Woodworking machines —Surface planing and thicknessing machines —Accuracy tests*.

Comparison with GB/T 14386-1993, main changes of this Standard are as follows:

- Added the terms;
- Adjusted the precious test items on G2, G4, G5, G6, G9 and G10;
- Changed the “Tolerance” in geometric accuracy test table as “Permissible deviation”;
- Deleted the working precious test.

This Standard is proposed by China Machinery Industry Federation.

This Standard is under the jurisdiction of National Technical Committee 84 on Woodworking Machinery and Tools of Standardization Administration of China.

This Standard is drafted by Fuzhou Woodworking Machinery Research Institute.

Chief drafters of this Standard are Zheng Li and Xiao Xiaohui.

The publication history of the previous standards replaced by this standard is as follows:

——GB/T 14386-1993.

Woodworking machines—Surface planing and thicknessing machines—Nomenclature and acceptance conditions

1 Scope

This Standard specifies the appropriate terminology for each part of the machine and, with reference to GB/T 17421.1-1998, the geometrical tests for surface planing and thicknessing machines; it also gives the corresponding permissible deviations which apply to machines of general purpose use and normal accuracy.

This Standard deals only with the verification of accuracy of the machine. It does not apply to testing the running of the machine (vibrations, abnormal noises, stick-slip motion of the components, etc.), nor to its characteristics (speeds, feeds, etc.) which should generally be checked before testing accuracy.

This Standard does not impose any practical test for surface planing and thicknessing machines. Practical tests should be exceptions and have to be stated in a previous agreement between the manufacturer and the user.

This Standard applies to those machines designated by the number 12.81 in ISO 7984: 1989.

2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 17421.1-1998 Test code for machine tools—Part 1: Geometric accuracy of machines operating under no-load or finishing conditions (eqv ISO 230-1: 1996)

ISO 7984: 1989 Woodworking machines -- Technical classification of woodworking machines and auxiliary machines for woodworking



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