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**TEXTILE INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

FZ/T 90060.4-2005

Replacing FZ/T 90063-1995

**Textile machinery. Product drawing and design document. Part
4: Requirement of design document**

纺织机械 产品图样及设计文件 第4部分：设计文件的要求

(English Translation)

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Foreword

FZ/T 90060 includes the following nine parts under the general title of "Textile Machinery Product Drawings and Design Documents".

- Part 1. General;
- Part 2. Numbering;
- Part 3. Requirements for drawings;
- Part 4. Requirements for design documents;
- Part 5. Format;
- Part 6. Integrity;
- Part 7. Change;
- Part 8. Standardization review;
- Part 9. Management.

This part is the fourth part of FZ/T 90060.

This part is based on the needs of enterprises to implement computer-aided design (CAD) and enterprise quality management system and product market competition.

According to relevant national standards and industry standards, the characteristics of the textile machinery industry have been fully considered. In the original FZ/T 90063-1995 "Textile machinery design the revision of the requirements, format and method of the document is based on JB/T 5054.5-2000 "Product drawings and design".

The contents of the Document Integrity.

This part replaces FZ/T 90063-1995 "Textile Machinery Design Document Requirements, Format and Filling Method", and the main difference from the original standard as follows.

---The standard name was changed from "Requirement, Format and Filling Method of Textile Machinery Design Document" to "Textile Machinery Product Drawing and Design Document" Part 4. Requirements for design documents";

--- Requirements for documents added in accordance with Part 2 of this standard;

--- Added "calculation method for product standardization coefficient".

Appendix A of this section is an informative annex.

This part was proposed by the China Textile Industry Association.

This part is under the jurisdiction of the National Textile Machinery and Accessories Standardization Technical Committee.

This section is mainly drafted by. China Textile Machinery Research Institute, Zhengzhou Textile Machinery Co., Ltd., Shaoyang Textile Machinery Co., Ltd., Jingwei Textile Machinery Co., Ltd., China Textile Machinery (Group) Co., Ltd., Best Machinery Manufacturing Co., Ltd.

1 Scope

This part of FZ/T 90060 specifies the requirements and main contents of the textile machinery design document.

This section applies to the preparation of design documents for the textile machinery industry. Other product design documents can also be referred to for implementation.

2 Normative references

The provisions in the following documents become the provisions of this part by reference to this part of FZ/T 90060. Quotations with dated , all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouragement is achieved under this section the parties to the agreement study whether the latest versions of these documents can be used. For undated references, the latest edition applies to this section.

GB/T 1.1 Standardization Work Guidelines Part 1. Standard Structure and Writing Rules
GB/T 1.2 Standardization Work Guide Part 2. Method for determining the content of normative technical elements in standards FZ/T 90060.1 Textile machinery product drawings and design documents - Part 1. General FZ/T 90060.5 Textile machinery product drawings and design documents - Part 5. Format

3 General

3.1

The design documents specified in this part are the documents produced during the development of textile machinery products, according to the relevant provisions of the products and enterprises.

Similarly, it is allowed to increase, decrease or merge in the actual application process.

3.2

The definitions and formats established by FZ/T 90060.1 and FZ/T 90060.5 apply to this section.

4.1 Market Forecast Report

The market forecast report is one of the documents that the company plans to design and develop the product. The content is generally.

- a) Induction and analysis of market supply and demand information for the same type of products;
- b) market requirements for product variety, specifications, performance, quality, price, etc.;
- c) predict the product life cycle;
- d) preliminary analysis of product economic effects;
- e) The need for new product development.

4.2 Research Report

The research report is one of the documents that the company plans to design and develop the product. Its content is generally.

- a) Overview. Including the basis, purpose and requirements of the survey, the time, place, participation units and composition of the survey;
- b) The use of the product. Including the main use of the product, market demand, environmental conditions for the use of the product, and the adoption of new principles, new Structure, new technology, new materials, new processes;
- c) Market and user requirements. Including the user's specific requirements for product structure, electrical control and main performance indicators of the machine;
- d) Technical and economic analysis. Including the analysis and comparison of technical performance of similar products at home and abroad, important supporting parts, users use the machine the fault form, cause analysis and preventive measures to be taken;