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

FZ/T 90060.3-2005

Replacing FZ/T 90062-1995

**Textile machinery. Product drawing and design document. Part
3: Requirement of drawing
(English Translation)**

Issued on: May 18, 2005

Implemented on: January 1, 2006

**Issued by: National Development and Reform Commission, People
Republic of China**

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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 third 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 90062-1995 "Textile machinery production Based on the general requirements of the product drawings, the revisions also refer to JB/T 5054.2-2000 "Product drawings and design documents.

The basic requirements of the drawings.

This part replaces FZ/T 90062-1995 "General Requirements for Textile Machinery Product Drawings", the main differences from the original standards are as follows.

---The standard name is changed from "General requirements for textile machinery product drawings" to "Textile machinery product drawings and design documents.

Part. Requirements for drawings";

--- Increased the requirements for CAD (including 3D CAD) drawings;

--- Increased the requirement for "outside supply map";

--- According to the content of the second part of this standard, the labeling method of the 2-digit and 6-digit numbering codes on the drawings is cancelled accordingly;

--- Some other editorial changes.

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 textile machinery product drawings, including the basic requirements for CAD drawings.

This section applies to the drawing of product drawings in the textile machinery industry. Drawing of other product drawings can also be referred to.

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 1184 Shape and position tolerances without tolerance values GB/T 1804 General tolerances for linear and angular dimensions of tolerances GB/T 17825.7 CAD file management signing rules GB/T 19548 textile machinery and accessories looms defined on the left and right sides GB/T 19549 Textile Machinery and Accessories Spinning Machine Left and Right Side Definition GB/T 19550 textile machinery and accessories before weaving warp preparation machinery left and right side definition FZ/T 90073 dyeing and finishing machine left and right side definition

3 General

3.1

Product drawings should be in accordance with current national standards such as "Technical Drawing", "Mechanical Drawing", "Electrical Drawing", etc. and other relevant standards or regulations.

Draw, to be correct, complete, unified and concise.

When using CAD drawing, it should comply with relevant standards or regulations; the CAD software used should be standardized.

3.2

Nouns, terms, symbols, codes, documents, graphic symbols and selected structural elements and units of measurement marked on the product drawings shall be Meet the relevant standards or regulations.

3.3

When designing the product drawings, the standard parts and general purpose should be used to the maximum extent under the premise of ensuring the performance and considering the advanced nature of the products.

Parts, borrowing parts, joints, components and components that are already in production, and taking into account the convenience of use and maintenance of the products, interchangeability and Reasonable choice of processability and material for product manufacturing.

3.4

The number of views under the premise that the product zero, the function, structure, contour, size and relationship of the parts can be clearly expressed it should be as small as possible.

3.5

The views and technical requirements on the product drawings shall indicate the function, structure, contour, and necessary for manufacturing and inspection of the product zero.

Technical basis.

3.6

The product drawings are generally not included in the manufacturing process description. If necessary, allow the specified processing or assembly step method, etc. to be included in the pattern for example, "matching", "same processing", "grinding", "selecting press fit with XX", and "meshing with XX".

3.7

A drawing generally represents only one part, joint, part, component or product. Different views of a component or component if necessary it is distributed over several patterns.

Allows a tabular chart when the graph is consistent, there are fewer variations, and manufacturing and inspection are not misunderstood.

Form drawing.