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FZ

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

FZ/T 99007-2014

Replacing FZ/T 99007-2000

**Weft accumulator
(English Translation)**

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Foreword

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

Instead of the standard FZ/T 99007-2000 "weft feeder." the main difference compared with the standard FZ/T 99007-2000 as follows.

- The standard range was limited (does not include non-motor-driven purely mechanical weft feeder) to modify (see Chapter 1);
- Increased for uneven weft (see 3.14), to predict the color (see 3.15), dynamic (see 3.16), static (see 3.17), the amount of deflection (see 3.18), the bare drum (see 3.19), the weft accumulation (see 3.20) to define, delete the weft volume adjustable defined (see 2000 version 3.14);
- "By supporting loom feature points" to "feature by feature points" (see 4.1.1);
- "By weft winding movement points" to "Press weft drum movement points" (see 4.1.2);
- Increasing the types and basic parameters in Table 1 (see 4.2.1 Table 1);
- Operating ambient temperature "10 °C ~ 40 °C" changed to "5 °C ~ 40 °C", relative humidity "45% to 80%" to "the maximum of 95% (No condensation) "(see 4.2.2);
- Increasing the weft feeder plating and chemical treatment (see 5.1.3) and coating (see 5.1.4) requirements;
- Mechanical properties increased vibration (see 5.2.1), runout (see 5.2.2), the amount of deflection (see 5.2.3), squareness (see 5.2.4) and coaxial Degree (see 5.2.5) requirements;
- Increasing the electrical safety requirements (see 5.3);
- "Speed" to "weft for speed" (see 5.4.1);
- The amount of weft yarn turns and spacing from the original "should be consistent with each product standard value" were given qualitative requirements (see 5.4.2,5.4.3);
- Remove the weft motor stall torque (see 2000 version 5.3.3);

- Increased latitude for response error 0.5ms (see 5.4.5);
- Increasing the yarn into a yarn breakage functional requirements (see 5.4.6);
- Noise indicators from the original "75dB (A)" is amended as "72dB (A)" (see 5.4.7);
- Environmental adaptability using the latest national standards (see 5.5);
- Increasing the sophisticated testing requirements (see 5.6);
- Substandard quality level RQL from the "65%" to "30%" from the original sampling plan "n = 2 (Ac = 0, Re = 1)" repair to "n = 5 (Ac = 0, Re = 1)" (see 7.2.5);
- The corresponding editorial changes.

The standard proposed by China Textile Industry Association.

This standard by the national textile machinery and accessories for Standardization Technical Committee (SAC/TC215) under the jurisdiction of the national industry standard mechanical and electrical systems Associate Technical Committee Textile Machinery Electrical Systems Technical Committee (SAC/TC231/SC1) Professional focal point.

This standard was drafted. Cixi Sun State Textile Technology Co., Weinan Qingfeng Electric Co., Ltd., Zhejiang Sanhe Textile Machinery Limited, Beijing Jingwei Textile Machinery New Technology Co., Ltd., Ningbo Hongda Textile Instruments Co., Ltd., Shaanxi Changling Textile Electrical and Mechanical Technology Co., the company.

1 Scope

This standard specifies the weft feeder classification and basic parameters, technical requirements, test methods, inspection rules, marking, packaging, transportation and storage.

This standard applies to non-woven fabrics supporting the weft feeder.

This standard does not apply to non-motor-driven purely mechanical weft feeder.

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.

GB/T 191 Packaging - Pictorial signs GB/T 2421.1 electric and electronic products environmental testing and Overview Guide GB/T 2423.1-2008 Environmental testing for electric and electronic products Part 2. Test methods Test A. Cold GB/T 2423.2-2008 Environmental testing for electric and electronic products Part 2. Test methods Test B. Dry heat GB/T 2423.3-2006 Environmental testing for electric and electronic products Part 2.

Test methods - Test Cab. Damp heat test GB/T 2423.8-1995 Environmental testing for electric and electronic products Part 2. Test methods Test Ed. Free fall GB/T 2829-2002 periodic inspection Sampling procedures and tables (suitable for process stability test) GB 5226.1-2008 Safety of machinery - Electrical machinery and electrical equipment - Part 1. General requirements GB/T 6587-2012 General specification for electronic measuring instruments GB/T 7111.1 Textile machinery - Noise test code - Part 1. General requirements GB/T 17626.2-2006 Electromagnetic compatibility - Testing and measurement techniques - Electrostatic discharge immunity test GB/T 17626.4-2008 Electromagnetic compatibility - Testing and measurement techniques - Electrical fast transient burst immunity test GB/T 17626.11-2008 Electromagnetic compatibility Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity test FZ/T 90054 Textile machinery instrumentation products packaging FZ/T 90074 textile machinery products Painting FZ/T 90089.1 textile machinery nameplate types, sizes and technical requirements FZ/T 90089.2 textile machinery nameplate content FZ/T 91006 Textile machinery plating and chemical treatment

3 Terms and Definitions

The following terms and definitions apply to this document.

Enter the yarn from the bobbin wound and can be quantitatively store, make yarn tension improved to prepare for compliance with the supply of a weft weaving process requirements Species loom supporting devices.