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

FZ/T 94053-2017

Replacing FZ/T 94053-2007

**Electronic jacquard machine
(English Translation)**

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Foreword

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

This standard replaces FZ/T 94053-2007. Compared with FZ/T 94053-2007, the main technical changes are as follows.

- Changed the pattern information input method (see 3.1.1, 2007 version 4.1.1);
- Increased the communication interface with the loom (see 3.1.8);
- Modify the maximum speed of the applicable loom (see Table 1, version 4.2.2 of the 2007 edition);
- Increased and refined the total number of jacquard needles (see Table 1);
- Modify the pattern storage capacity (see Table 1, 2007 version 4.2.6);
- Modify and refine the maximum load (see Table 1, 2007 version 4.2.7);
- Increased the requirements of open stroke transformation (see 4.3);
- Reduced bearing surface temperature rise (see 4.5.4, 2007 version 5.6.4);
- Reduced needle power consumption (see 4.7, 2007 version 4.2.7);
- Other editorial changes.

This standard is proposed by the China Textile Industry Federation.

This standard is under the jurisdiction of the National Textile Machinery and Accessories Standardization Technical Committee (SAC/TC215).

This standard was drafted. Zhejiang Qihui Electronic Jacquard Machinery Co., Ltd., Hangzhou Wumu Technology Co., Ltd., Shanghai Zhongjian Textile Machinery Co., Ltd. Company, Zhejiang Yangshan Textile Machinery Co., Ltd., Changshu Textile Machinery

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Engineering Co., Ltd., China Textile Machinery Association.

1 Scope

This standard specifies the type and basic parameters, requirements, test methods, inspection rules and signs, packaging, transportation and storage of electronic jacquard machines.

This standard is applicable to electronic jacquard machines that weave various jacquard fabrics with various types of looms.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article. For undated references, the latest version (including all amendments) applies to this document.

GB/T 191 packaging, storage and transportation logo GB 5226.1-2008 Electrical equipment for mechanical electrical safety machinery Part 1. General technical conditions GB/T 7111.1 Textile Machinery Noise Test Specification Part 1. General Requirements GB/T 7111.6 Textile Machinery Noise Testing Code Part 6. Weaving Machinery FZ/T 90001 Textile Machinery Packaging FZ/T 90074 Textile Machinery Coating FZ/T 90089.1 nameplates, dimensions and technical requirements for textile machinery FZ/T 90089.2 Nameplate Contents of Textile Machinery

3.1 Type

3.1.1

Pattern information input method. USB and network transmission.

3.1.2

flower control mechanism. electronic control.

3.1.3

pin number expansion method. In the design of the number of needles within the use of modular parallel.

3.1.4

Resumption type. Elastic recovery.

3.1.5

opening type. double action or single action fully open shed.

3.1.6

needle selection. electronic needle selection.

3.1.7

Installation method. On-mount type.

3.1.8

Communication interface with the loom. parallel interface, serial interface or CAN bus communication interface.

3.2 Basic parameters

The basic parameters are shown in Table 1.

Table 1 Basic parameters

Project parameters

Applicable loom working width/mm 6~5000