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

FZ/T 95013-2021

**Flat screen printing 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 95013-2011 "Flat Screen Printing Machine". Compared with FZ/T 95013-2011, the main technical changes are as follows.

- Modified the parameters (see Table 1, Table 1 of the 2011 edition);
- Modified the accuracy of the alignment (see 4.2.1, 4.2.1 of the 2011 edition);
- Modified the constant load elongation rate of the servo motor drive belt (see 4.2.4.2, 4.2.4.2 of the 2011 edition);
- Modified the thickness and thickness tolerance of the printing belt (see 4.2.4.3.1, 4.2.4.3.1 of the 2011 edition);
- Increase the perimeter difference between the two sides of the width direction of the printing belt (see 4.2.4.3.3);
- Added the requirements for the washing of the printing belt (see 4.2.4.7);
- Modified the temperature difference between the left, center and right in the drying room (see 4.3.3, 4.3.3 of the 2011 edition);
- Deleted the hydraulic and propulsion systems (see 4.6 in the 2011 edition);
- Deleted the electrostatic discharge immunity test of electrical equipment and the immunity test of voltage sag, short-term interruption and voltage change (see 2011 version 4.7.2, 4.7.3);
- Modified the sampling method of the elongation change rate of the guide belt at a constant load (see 5.1.4, 5.1.4 of the 2011 edition);
- Modified the factory inspection (see 6.2, 6.2 of the 2011 edition).

This standard was proposed by the China National Textile and Apparel Council.

This standard is organized by the National Textile Machinery and Accessories

Standardization Technical Committee Spinning, Dyeing and Finishing Machinery
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Drafting organizations of this standard. Huzhou Huisheng Machinery Co., Ltd., Wuxi Textile Machinery Quality Supervision and Inspection Center, Fujian Jilong Machinery Technology Co., Ltd.

Co., Ltd., Xi'an Degao Printing and Dyeing Automation Engineering Co., Ltd., National Textile Machinery Quality Supervision and Inspection Center, Lianyungang Yingyou Textile Machinery Co., Ltd., Jiangsu Little Sun Technology Development Co., Ltd.

1 Scope

This standard specifies the parameters, requirements, test methods, inspection rules, marking and packaging, transportation and storage of flat screen printing machines.

This standard applies to flat screen printing machines for printing woven, knitted and non-woven cotton, wool, linen, silk, chemical fiber and their blended fabrics.

2 Normative references

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

GB/T 191 Packaging, storage and transportation pictorial signs GB/T 250-2008 Textile color fastness test evaluation gray sample card for discoloration GB 2894 Safety signs and guidelines for their use GB/T 5226.1-2019 Electrical safety of machinery Electrical equipment of machinery Part 1: General technical conditions GB/T 7111.7 Textile Machinery Noise Test Specification Part 7: Dyeing and Finishing Machinery GB/T 17626.4-2018 Electromagnetic compatibility test and measurement technology Electrical fast transient pulse group immunity test GB/T 17780.7 Textile Machinery Safety Requirements Part 7: Dyeing and Finishing Machinery FZ/T 90001 Textile machinery product packaging FZ/T 90074 Coating of textile machinery products FZ/T 90089.1 Textile machinery nameplate type, size and technical requirements FZ/T 90089.2 Textile machinery nameplate content

3 Parameters

Parameters are shown in Table 1.

Table 1

Project parameters

Nominal width W/mm 1800, 2000, 2200, 2400, 2600, 2800, 3000, 3200, 3400, 3600
Maximum printing width/mm W-200 Effective length of table/m 14~60 Flower back
range/mm 400~3000 Nominal speed/(m/min) 8~25 Printing color number 1~24 Guide belt
drive mode Servo motor drive Scraper, magnetic bar Drying method. hot air drying, heat
radiation