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

FZ/T 95003-2018

Replacing FZ/T 95003-2007

**Rotary 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 95003-2007 "Round Screen Printing Machine". The main technical changes compared to FZ/T 95003-2007 are as follows.

- Modified the classification (see 3.1, 2007, 3.1, 3.2);
- Modified parameters (see 3.2, 2007 version 3.4);
- Increased the size of the guide tape (see 4.2.4.3, 4.2.4.3 of the 2007 edition);
- Change the drying room guide belt to the drying room mesh belt (see 4.3.3, 2007 version 4.3.3);
- Modified transmission system (see 4.4, 2007 version 4.4);
- Increased the requirements for external data communication interfaces and electrical equipment immunity performance (see 4.5.5, 4.5.6);
- Increased power consumption (see 4.6);
- Increased noise requirements (see 4.7, 2007 edition of 4.6);
- Modified security requirements (see 4.8, 2007 version 4.7);
- Modified the sampling method for the rate of change of the conduction band elongation (see 5.1.5, 5.5 of 2007);
- Modified the tape thickness measurement method (see 5.1.6, 2007 version 5.6);
- Modified the measurement method of temperature uniformity in the drying room (see 5.1.10, 5.8 of 2007 edition);
- Increased power consumption detection method (see 5.1.20);

--- Modified the empty car running test (see 5.2, 2007 version 5.20);

--- Modified the workload test (see 5.3, 5.21 of the 2007 edition);

--- Revised factory inspection (see 6.2.1, 6.1.1 of 2007 edition).

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

This standard is sub-technical committee of spinning, dyeing and finishing machinery of the National Textile Machinery and Accessories Standardization Technical Committee (SAC/TC215/SC1) Return to the mouth.

This standard was drafted. Fujian Haolong Machinery Technology Co., Ltd., National Textile Machinery Quality Supervision and Inspection Center, Xi'an Degaoyin Dyeing Automation Engineering Co., Ltd., Zhejiang Lihong Printing & Dyeing Machinery Technology Co., Ltd., Fujian Juwang Gaoke Industry Co., Ltd., Xinchang County Yuan Run Textile Machinery Co., Ltd., Huzhou Huisheng Machinery Co., Ltd., Jiangsu Xiaoyang Machinery Technology Co., Ltd.

1 Scope

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

This standard applies to natural fiber, chemical fiber and its blended woven fabrics, knitted fabrics, non-woven fabrics and other rotary screen printing machines.

The weight of the blade type workpiece is not more than 280 g/m², and the weight of the magnetic bar type workpiece is not more than 800 g/m².

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated version applies to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 packaging storage and transportation icon GB/T 250 Textile color fastness test for gray color card for color change GB 2894 safety signs and guidelines for their use GB 5226.1-2008 Mechanical electrical safety machinery and electrical equipment - Part 1. General technical conditions GB/T 7111.7 Specification for noise testing of textile machinery - Part 7. Dyeing and finishing machinery GB/T 17626.4-2008 Electromagnetic compatibility test and measurement technology Electrical fast transient burst 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 Textile Machinery

Product Coating FZ/T 90089.1 Textile machinery nameplate type, size and technical requirements FZ/T 90089.2 Textile machinery nameplate content FZ/T 92045 printing nickel mesh

3.1 Classification

According to the type of the printing device.

---Scraper type;

---Magnetic rod type;

--- Combination.

According to the transmission type is divided into.

---Independent drive;

---Coaxial transmission.

According to the type of printed platen.

---Horizontal;

--- Tilt type.

3.2 Parameters

The parameters are shown in Table 1.