

ICS 59.120.40
CCS W 96

FZ

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

FZ/T 97003-2012

Replacing FZ/T 97003-1991

**Weft knitting machine. Single-jersey circular knitting machines
(English Translation)**

Issued on: January 1, 1970

Implemented on: January 1, 1970

**Issued by: Ministry of Industry and Information Technology of the
People's Republic of China**

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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 97003-1991 "weft knitting machine single circular weft knitting machine." Compared with this standard FZ/T 97003-1991, the main differences are as follows.

- Extends the standard scope (see Chapter 1, Chapter 1 of the 1991 edition);
- Modify the normative references (see Chapter 2, Section 2 of the 1991 edition);
- Extension of the "needle nominal diameter," the scope and increase the table (see Table 1);
- Modified "into many lines" and "speed work" (see 3.2.4 and 325, 1991 version 3.2.4 and 3.2.5.);
- Added "machine" claim, and "noise, temperature, power consumption," incorporated into the "machine" requirements (see 4.3);
- Increased "security" clause (see 45, 1991 version 4.7.);
- Improved "syringe component" accuracy requirements (see 46, 1991 version 4.11.);
- Change the "weaving triangle" hardness (see 471, 1991 version 4.12.2.);
- The "single yarn tension variation amount" to "change the amount of yarn tension" and increase its value to "1.4cN" (see 4.11.3, 1991 version 4.10);
- Added "winder" requirement (see 4.12);
- Expanded the "applicable environmental conditions" range (see 5212, 1991 version 4.2.1.);
- Other editorial changes.

The standard proposed by China Textile Industry Association.

This standard by the National Standardization Technical Committee Textile machinery and accessories.

This standard was drafted. Huian gold Tissot Precision Machinery Co., Ltd., Quanzhou Bu Shuo Machinery Co., Ltd., Fujian TAIFAN Industrial Co., Ltd.

Santoni (Shanghai) Knitting Machine Co., Ltd., Cixi Sun Island Textile Co., Ltd., Zhejiang Hengqiang Technology Co., Ltd., Zhejiang Department Lida Precision Machinery Co., Ltd., Zhejiang Quality Inspection Research Institute, China Textile Machinery Association.

1 Scope

This standard specifies sided circular weft knitting machine product categories and basic parameters, requirements, test methods, inspection rules and signs, packaging, Transport and storage.

This standard applies to the nominal diameter of the barrel 305mm/single-sided circular weft knitting machine 12 ~ 1067mm/42's. Barrel less than the nominal diameter 305mm/12 and greater than 1067mm/42 single-sided circular weft knitting machine can also be implemented by reference.

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 398 cotton yarn qualities GB 755 rotary motor fixed and performance GB 5226.1-2008 Safety of machinery - Electrical machinery and electrical equipment - Part 1. General requirements GB/T 7111.1 Textile machinery - Noise test code - Part 1. General requirements GB/T 7111.6 Textile machinery - Noise test code - Part 6. Weaving Machinery GB/T 8457 Textile machinery knitting machines of large nominal diameter circular machine needles GB/T 8458 Textile machinery and accessories knitting machine gauge FZ/T 90001 Textile machinery Packaging FZ/T 90074 textile machinery products Painting FZ/T 90089.1 textile machinery nameplate types, sizes and technical requirements FZ/T 90089.3 textile machinery knitting machinery nameplate content FZ/T 92069 machine weft yarn with a positive output FZ/T 97005.1 latch needle knitting needle circular knitting machine FZ/T 97007 Knitting needles aid

3.1 Categories

3.1.1

Multi-track single-sided circular weft knitting machine.

3.1.2

sided jacquard circular weft knitting machine.

3.1.3

hanging wire-sided circular weft knitting machine.

3.1.4

liner sided circular weft knitting machine.

3.1.5

warp weft insertion sided circular weft knitting machine.

3.1.6

terry-sided circular weft knitting machine.

3.1.7

transfer line sided circular weft knitting machine.

3.1.8

Multifunctional sided circular weft knitting machine.