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FZ

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

FZ/T 97002-2009

Replacing FZ/T 97002-1991

**Flat-bed knitting machines
(English Translation)**

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Foreword

Instead of the standard FZ/T 97002-1991 "Knitting Machine." Compared with the standard FZ/T 97002-1991 The main changes are as follows.

- Chapter 1, "the scope of the subject matter" to "Range";
- "Reference standard" to "normative references", in reference to the latest version of the standard "Normative references" and add.
- GB 755, GB 5226.1-2002, FZ/T 90001 and other standards (see Chapter 2);
- Increase a gauge E18 file specifications (see Table 1) in the main specifications and parameters;
- Needle bed 98 ° angle to increase a file specification (see 3.2);
- Knitting speed is changed to $\geq 0.6\text{m/s}$ (see 3.3);
- Added "overall sound power levels of noise" requirements (see 4.3);
- Improving the "needle groove precision", "at the beginning of the needle groove center line of the groove center line symmetry" and other requirements (see 4.5);
- Abolition of the "adjacent needle groove depth tolerance";
- Improving the "triangle of each set with the mating surface gap," "the level of tolerance of each triangle plane" requirements (see 4.7);
- Improving the "rails perpendicular and parallel to the plane of the needle bed straightness" requirements (see Table 2);
- Added "type test sampling method" (see 6.2.3);
- Added "type test to determine the rules" (see 6.2.4).

The standard proposed by China Textile Industry Association.

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

This standard by the Fujian Hongqi Co., Ltd., Jiangsu discerning Electric Machinery Co., Ltd. Changshu City Xinda Knitting Machinery Co., Ltd. Zhang Drafted.

1 Scope

This standard specifies the basic parameters of the flat knitting machine, technical requirements, test methods, inspection rules and product labeling, packaging, transport and Storage.

This standard applies to nominal width of not more than manual 157cm/62, the electric flat knitting machine. Nominal width greater than 157cm/62 pin Weaving and knitting machines flat knitting machine computer-controlled part of the technical requirements may also refer to adoption.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 191 Packaging - Pictorial signs GB 755 rotary motor fixed and performance GB 5226.1-2002 Safety of machinery electrical equipment Part 1. General requirements (IEC 60204-1:2000, IDT) 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 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 97005.3 latch needle knitting needles knitting machine

3.1 Specifications and main parameters

Specifications and main parameters in Table 1.

Table 1

Nominal width

(Nominal width number Value/Code)	13cm	16cm	33cm	40cm	61cm	81cm	91cm	100cm	106cm	122cm	132cm	137cm	147cm	157cm	mm	E number of theoretical gauge needle
	25.400	1,671	4,17	2,53	3,37	4,14	3,49	53	55	59	63	16.933	1.5	9,102	125,374	9,555,616,473
	79	82	88	94	12.700	2,111	3,27	3,34	965	738	185	97	105	109	117	125
	10.160	2.5	14													

163,441,618,191,101 106,121,131,136,146 156 8.467 3,161,940,497,397,109,121 127
145,157,163,175,137