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

FZ/T 94020-2009

Replacing FZ/T 94020-1995

**Silk shuttle loom
(English Translation)**

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Foreword

Instead of the standard FZ/T 94020 "shuttle silk machine." Compared with the standard FZ/T 94020-1995 The main changes are as follows.

- Increase in Chapter 1, "scope";
- Increased Chapter 2, "Normative references";
- An increase of 4.10 "Electrical Safety";
- An increase of 6.2 "type test";
- Original standard Chapter 1, "and the main parameters of different specifications," postponed to Chapter 3, the words "the main parameters and specifications";
- Original standard Chapter 2, "technical requirements" postponed to Chapter 4, the words "requirements" and made some editorial adjustments;
- Original standard Chapter 3, "test" postponed to Chapter 5, according to the provisions of GB 1.1 made major changes;
- Original standard Chapter 4, "Inspection Rules" postponed to Chapter 6, according to the provisions of GB 1.1 adds 6.2 "type test";
- Original standard Chapter 5 "logo, painting, packaging, transportation and storage" be postponed to Chapter 7, the words "signs, packaging, transportation, storage," and Made some editorial changes to adjust;
- Remove the original standard 2.2.1.1 "rack-mounted basic requirements";
- Remove the original standard 2.2.2.6 "weft stop requirements";
- Original standard 2.2.2.4 split in two, that this edition 4.3.4 and 4.3.5, respectively, photoelectric weft and weft stop proposed Claim;
- Original standard 2.2.1.3 and 2.2.1.4 of "camshaft" to "central axis" (see 4.2.2 and

4.2.3);

--- The "Walk with reed shuttle surface plane, the angle between the back and the bottom of the shuttle tank to 89 °", to "take the shuttle plane reed plane, shuttle back and bottom of the box clip Angle of 88 ° ~ 89 ° "(1995 edition of 2.2.2.1; this version 4.3.1);

Chapter 3 --- original standard test method 3.1.3.2 Move to Chapter 4 requirements, to 4.2.9;

Chapter 3 --- original standard test method 3.1.3.3 Move to Chapter 4 requirements, to 4.2.6;

Chapter 3 --- original standard test method 3.1.3.7 Move to Chapter 4 requirements, to 4.6;

Chapter 3 --- original standard test method 3.1.3.8 Move to Chapter 4 requirements, to 4.7;

--- Original standard Chapter 5 "logo, painting, packaging, transport and storage" in the move to 5.2 Chapter 4 requirements, to 4.8;

--- 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. Textile Machinery Co., Ltd. in Hangzhou, Zhejiang Founder Textile Machinery Testing Center Co., Ltd., Zhejiang University of Technology.

1 Scope

This standard specifies the shuttle silk machine characteristics and the main parameters, technical requirements, test methods, inspection rules and signs, packaging, transportation Transport, storage and other requirements.

This standard applies to weave silk, rayon, silk fabrics synthetic silk loom shuttle.

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 7111.1 Textile machinery - Noise test code - Part 1. General requirements GB/T 7111.6-2002 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 90089.2 textile machinery nameplate content FZ/T 93010 change shuttle plastic pirn FZ/T 94002 Wooden exchange shuttle FZ/T 94011 series tie with a wire loom reed

3.1 Machine characteristics

- Frame structure. separate front and rear of the rack;
- Type. left style, right style;
- Shuttle changing ways. automatically or manually;
- Operation. Lever operation or electrical button.

3.2 The main parameters 3.2.1 reed width series main specifications. 110cm, 145cm, 160cm.

3.2.2 shuttle box series. 1 x 1,1 x 2,2 x 2,4 x 4.

Table 1 3.2.3 crankshaft speed.

Table 1

Reed width/cm

Shuttle-box configuration	1 x 1	1 x 2	2 x 2	2 x 4	4 x 4	Speed / (r/min)
	110	170 to 215	150 to 205	117 to 147	117 to 130	145
	150 to 195	130 to 185	114 to 140	114 to 130	160	140 to 185
	120 to 175	108 to 134	108 to 123			