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FZ

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

FZ/T 92072-2017

Replacing FZ/T 92072-2006

Pneumatic pendulum arm

气动加压摇架

(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 92072-2006 "Pneumatic Pressing Brake". Compared with FZ/T 92072-2006, the main technical changes are as follows.

- Adjusted the classification and increased the marking and content of the cradle (see 3.1~3.2, Chapter 3 of the 2006 edition);
- Increased the parallelism requirements of the cradle holding file, and added the notes and icons (see 4.1.1~4.1.3);
- Increased the requirement of the fourth roller in the roving cradle for the first top roller in the main drafting zone (see Table 4 and Figure 4);
- Adjusted the pressure range of the complete set of cradle (see 4.3);
- Adjusted the pressure change value of the adjacent cradle adding and discharging pressure (see 4.4, Table 7);
- Increase the dynamic fluctuation of the pressure of the cradle at the specified working position and working pressure (see 4.5, Table 8);
- Cancel the pressure reduction requirement of the single set of cradle caused by repressurization of the whole vehicle after the pressure relief (see 4.8, Table 7 of 2006 edition);
- Increased the requirements for the quality of the cradle manufacturing (see 4.7);
- Added test methods and specifications (see 5.1, Figure 5 to Figure 7);
- Increased the method of cradle sampling and the principle of judgment (see 6.3).

1 Scope

This standard specifies the classification and marking, requirements, test methods, inspection rules, signs, and packages of pneumatic pressure cradle (hereinafter referred to as "cradle").

Loading, transportation and storage.

This standard is applicable to the ring spinning machine and the pneumatic pressure cradle of the roving frame.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply 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 FZ/T 90001 Textile Machinery Product Packaging

3.1 Classification

3.1.1

According to the purpose, it is divided into fine yarn cradle and roving cradle.

3.1.2

According to the pressure method, it is divided into indirect and direct.

3.1.2.1

Indirect refers to each pressure element of the cradle indirectly obtaining a pressure source from the compression airbag by lever partial pressure.

3.1.2.2

Direct type refers to each pressure element of the cradle directly contacting the compression bladder to obtain a pressure source.

3.2.1 Marking content

The tags in turn include the following.

Pneumatic pressure cradle FZ/T 92072-Product name and standard number QYJ
Pressurized type code Category code Pressurization mode code Front and bottom roller
maximum center distance Draft type code Twin code

- a) Product name and standard number, "Pneumatic pressure cradle FZ/T 92072";
- b) Pressurized type code, pneumatic pressure is indicated by capital letter "QYJ";
- c) category code, with the capital letter "C" for the roving cradle, the spun cradle is not marked;
- d) Pressurization mode code, with the capital letter "Z" for direct type and indirect for no mark;
- e) the maximum center distance of the front and rear bottom rollers, expressed in Arabic numerals, in millimeters;