

ICS 71.120
CCS G95



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 13579-2017

Replacing GB/T 13579-2008

Tyre shaping and curing press

轮胎定型硫化机

Issued on: December 29, 2017

Implemented on: July 1, 2018

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 13579-2008 "tire curing press." Compared with GB/T 13579-2008, in addition to editorial changes The main technical changes are as follows:

- Modify the scope of application, not limited to curing vulcanized tire inflatable tires machine, mechanical curing machine is not limited to crank connecting rod (See Chapter 1, Chapter 1 of the.2008 edition);
- Added terms and definitions (see Chapter 3);
- Increase the series of vulcanizing machine and the basic parameters, mechanical vulcanizing machine increased by 6 series, hydraulic vulcanizing machine increased by 10 lines (See Appendix A, Appendix B,.2008 edition of Appendix A, Appendix B);
- Removed the.2008 version of 4.1.2;
- Modify the vulcanizer hot plate temperature uniformity requirements, delete the "working surface temperature not less than 24 points," and testing methods related to the Keep the performance requirements of "working surface temperature fluctuations should not exceed $\pm 1.5^{\circ}\text{C}$ " (see 5.1.8,.2008 version 4.1.9);
- Modify the.2008 version of 4.1.10, on its basis to add "or program" requirements (see 5.1.9);
- Increasing the accuracy of 2410 ~ 5400 series of product requirements;
- Increasing the level of vulcanizing machine base level requirements (see 5.2.1);
- Improve the hydraulic vulcanizing machine, under the hot plate parallelism requirements (see 5.2.2 in Table 2,.2008 version 4.2.1 in Table 1);
- Increase the vulcanizing machine on the hot plate (or on the steam chamber) under the plane and the lower hot plate (or under the steam chamber) on the plane parallelism, using

lead pressure Act, when the clamping force is not less than 80% of the maximum clamping force, the maximum thickness difference of lead is required (see 5.2.3);

--- Modify the 2008 version of 4.2.2, on its basis to increase the "hot plate (on the steam chamber) and the next hot plate (under the steam chamber) coaxial Degree" requirement (see 5.2.4);

1 Scope

GB/T 13579-2017 is the Chinese national standard on tyre shaping and curing press, in the field of chemical technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 29 December 2017 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 July 2018. Classification: ICS 71.120, CCS G95. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the tire curing stereotypes (hereinafter referred to as curing machine) models, series and basic parameters, requirements, testing, inspection rules, production Product logo, packaging, transportation and storage. This standard applies to vulcanized tire tire curing machine and hydraulic vulcanizing machine.

2 Normative references

The following documents for the application of this document is essential. 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 - Pictorial signs

GB/T 6388 transport packaging shipping symbols

GB/T 9969 Industrial Products Manual General

GB/T 12783 Rubber and plastics machinery product model preparation methods GB/T 13306 signs

GB/T 13384 mechanical and electrical product packaging General technical conditions

GB 30747 tire curing press safety requirements

HG/T 3119 tire curing press testing methods

HG/T 3120 general appearance of rubber and plastics machinery and technical conditions

HG/T 3223 rubber machinery terminology General specification for painting of rubber and plastic machinery HG/T 3228-2001

3 Terms and definitions

GB 30747 and HG/T 3223 as defined by the following terms and definitions apply to this document. For ease of use, repeat the column below Some of the terms and definitions given in GB 30747-2014 and HG/T 3223-2000.

3.1 Mechanical tire curing press mechanicallyrecuringpress Model-driven in the form of mechanical transmission and pressure on the model tire curing machine.

3.2 Hydraulic tire curing press hydraulictyrecuringpress Model-driven hydraulically driven and pressurized tire curing presses. Remark HG/T 3223-2000, Definition 2.7.55.

3.3 Hot plate platen Inside the heating element can be placed or access through the heat transfer medium, the model or semi-product heating and pressure of the metal plate. [HG/T 3223-2000, definition 2.6.10]