

ICS 55.200
CCS A84



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

GB/T 17313-2009

Replacing GB/T 17313-1998

**General specification of bag forming, filling and sealing
machine**

袋成型-充填-封口机通用技术条件

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Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard replaces GB/T 17313-1998 "Bag Forming - filling - sealing machine." This standard 17313-1998 major changes compared to GB/T as follows:

- Modify the standard name;
- Increasing the normative references;
- Modify the scope of application;
- Increasing the terms and definitions;
- Increasing the types and basic parameters;
- Increasing the gas path seal requirements;
- Added grounding requirements;
- Increased heat seal strength requirements;
- Increased material and component requirements;
- Increased security requirements;
- Modify the appearance of quality requirements;
- Increasing the length of the bag and photoelectric tracking error;
- Increasing the temperature regulator requirements;

1 Scope

GB/T 17313-2009 is the Chinese national standard on general specification of bag forming, filling and sealing machine, in the field of packaging and distribution of goods. 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 15 November 2009 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 2010.

Classification: ICS 55.200, CCS A84. 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 bag forming - filling - sealing machine (hereinafter referred to as "packaging machine") terms and definitions, model, type and basic parameters, to Requirements, test methods, inspection rules and signs, packaging, transportation and storage requirements. This standard applies to the use of flexible packaging material of granular, powdered, semi-fluid and fluid packaging, etc., can be done automatically bag making, filling, Sealing and cutting packaging process, widely used in food, pharmaceutical, chemical, cosmetic, agricultural and other sectors of the packaging.

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/T 191-2008, ISO 780.1997, MOD)

GB 2894 Safety Signs and use guidelines

GB/T 5048 proof packaging

GB 5226.1-2002 Safety of machinery electrical equipment Part 1. General requirements (IEC 60204-1.2000, IDT)

GB/T 7311 classification and packaging machinery Model methodology

GB/T 9969 General Instructions industrial products GB/T 13306 signs

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

GB/T 15171 pieces of flexible sealing performance test method

GB 16179 the use of safety signs

GB/T 16273.1 equipment - Graphical symbols - Part 1. Common symbols (GB/T 16273.1-2008,

ISO 7000.2004, Graphical symbols for use on equipment-Index and synopsis, NEQ)

GB 16798 Food Machinery Safety and Health

GB 19891 Safety of machinery designed for hygiene requirements (GB 19891-2005, ISO 14159.2002, MOD)

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 The use of flexible packaging materials for granular, powdered, semi-fluid and fluid packaging, etc., can be done automatically bag making, filling, sealing and cutting bag Machine installation process.

3.2 One kind of flexible, deformable sheet-shaped packaging material. Usually it refers to paper, fiber products, plastic film, metal foil or composite materials.