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

GB/T 26895-2025

Replacing GB/T 26895-2011

Grain and oil machinery - Gravity separators for destoning

粮油机械 重力分级去石机

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions

Foreword

This document conforms to GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting is scheduled. This document replaces GB/T 26895-2011 "Grain and Oil Machinery - Gravity Grading and Destoning Machine". Compared with GB/T 26895-2011, it removes aggregates... Aside from structural adjustments and editorial changes, the main technical changes are as follows: --The term "gravity grading" has been removed, and the term "gravity grading destoner" has been added (see 3.1, 2011 edition 3.1). --The working principle has been changed (see Chapter 4, Chapter 4 of the 2011 edition); --Basic parameters have been changed (see 5.2, 2011 version 5.2). --The general requirements have been changed (see 6.1, 2011 version of 6.1). --The mechanical performance requirements have been changed (see 6.2, 2011 version of 6.2). --Added requirements for processing capacity and test methods (see 6.3.1, 7.3.2); --The stone removal rate requirement has been changed (see 6.3.3,

6.3.2 in the 2011 version). --The formula for calculating the stone removal rate has been changed (see 7.3.4,

7.3.3 in the 2011 version). --The determination of the number of grains in stone has been modified (see 7.3.5,

7.3.4 in the 2011 edition). --The inspection rules have been changed (see Chapter 8, Chapter 8 in the 2011 edition); --Packaging requirements have been changed (see 9.2, 2011 version of 9.2). --The shipping requirements have been changed (see 9.3, 2010 version of 9.3). --Major specifications have been changed (see Appendix A, Appendix A of the 2011 edition). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the National Food and Strategic Reserves Administration. This document is under the jurisdiction of the National Technical Committee on Standardization of Grain and Oil (SAC/TC 270). This document was drafted by: Wuxi COFCO Engineering Technology Co., Ltd., Henan University of Technology, Bühler (Wuxi) Commercial Co., Ltd., and Yangzhou City. Xianlong Grain Machinery Co., Ltd., Cangzhou Development Zone Hengxiangsheng Grain Machinery Co., Ltd., Yangzhou Zhengda Machinery Manufacturing

Co., Ltd., Wuxi Ximai Grain and Oil Equipment Engineering Co., Ltd., Hebei Pingle Flour Machinery Group Co., Ltd., Cangzhou Zhongzhi Grain Machinery Manufacturing Co., Ltd., COFCO Science & Technology Co., Ltd. Gong (Henan) Engineering Equipment Co., Ltd., China Grain Reserves Chengdu Storage and Research Institute Co., Ltd., Qingdao Maixiangyuan Food Technology Co., Ltd., Huimin County Yudong Flour Co., Ltd., Qingdao Jiahong Flour Milling Co., Ltd. The main drafters of this document are: Shen Jun, Wang Fengcheng, Sun Binghua, Li Shenglong, Chen Yuchi, Zou Enkun, Wang Jinheng, You Hongyu, Wu Junyong, and Yang Jiansheng. Ren Shouhua, Wang Ganchuang, Li Xinhao, Gao Peng, Liu Shaoguang, Nie Yunqiang, Huang Bo, Liu Xinxin, Sun Xiaodong, Gao Aoxiang, Zhang Qingzhou, Liu Xuan. The release history of this document and the document it replaces is as follows: --First published in 2011 as GB/T 26895-2011; --This is the first revision. Grain and oil machinery gravity grading and destoner

1 Scope

GB/T 26895-2025 is the Chinese national standard covering the destoner - an inclined vibrating deck with air blown up through it, floating the grain and letting the stones walk uphill, with its separation efficiency, its capacity and the grain lost with the stones. Issued on 31 October 2025, it has been in force since 1 May 2026, replacing GB/T 26895-2011.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are listed below. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 191 Packaging and Storage Graphic Symbols GB 1351 Wheat

GB/T 5226.1 Electrical Safety of Machinery - Electrical Equipment of Machinery - Part

GB/T 17248.3 Noise emitted by acoustic machines and equipment shall be determined using approximate environmental correction at the working position and other specified locations. The emitted sound pressure level

GB/T 24854 General Technical Requirements for Packaging of Grain and Oil Machinery Products

GB/T 24855 General Technical Requirements for the Assembly of Grain and Oil Machinery

GB/T 24857 General Technical Conditions for Plate Parts and Plate-Shaped Steel Components of Grain and Oil Machinery

GB/T 25218 General Technical Requirements for Coating of Grain and Oil Machinery Products GBZ 158 Occupational Hazard Warning Signs in the Workplace GBZ /T 192.1

Determination of dust in workplace air - Part

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Gravity separator for destoning Equipment for grading grains and removing stones based on differences in grain particle density and aerodynamic properties.

3.2 Mass fraction of light grains The mass fraction of the light material outlet flow rate from the upper screen relative to the total material flow rate.

3.3 Mass fraction of heavy grains The mass fraction of the heavy material outlet flow rate in the lower screen relative to the total material flow rate.

3.4 stone removal rate After being processed by a gravity grading destoner, the number of stones removed represents the percentage of stones in the original grain entering the machine.