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

GB/T 25730-2025

Replacing GB/T 25730-2010

Grain and oil machinery - Purifiers

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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 25730-2010 "Grain and Oil Machinery Cleaning Machine". Compared with GB/T 25730-2010, the main differences are structural adjustments and... Aside from editorial changes, the main technical changes are as follows: --The definition of the term "wheat residue" has been changed, and the terms "wheat heart" and "wheat purifier" have been added (see 3.1~3.3,

3.2 in the 2010 edition). --The working principle has been changed (see Chapter 4, Chapter 4 of the 2010 edition); --Basic parameters have been changed (see 5.2, 2010 version 5.2). --The general requirements have been changed (see 6.1, 2010 version of 6.1). --The mechanical performance requirements have been changed (see 6.2, 2010 version of 6.2). --The process performance requirements have been changed (see 6.3, 2010 version of 6.3). -- Security requirements have been changed (see 6.4, 2010 version of 6.4). --The test conditions and requirements have been changed (see 7.1, 2010 version of 7.1). --The test requirements and sampling methods for determining process performance have been changed (see 7.3.1, 7.3.2, and

7.3.2 in the 2010 version). --The inspection rules have been changed (see Chapter 8, Chapter 8 in the 2010 edition); --The shipping requirements have been changed (see 9.3, 2010 version of 9.3). 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: Henan University of Technology, Wuxi COFCO Engineering Technology Co., Ltd., Bühler (Wuxi) Commercial Co., Ltd., and Hebei Ping Le Flour Machinery Group Co., Ltd., Yangzhou Xianlong Grain Machinery Co., Ltd., Yangzhou Zhengda Machinery Manufacturing Co., Ltd., Cangzhou Development Zone Heng Xiang Sheng Grain Machinery Co., Ltd., Wuxi Ximai Grain and Oil Equipment Engineering Co., Ltd., Liaoyuan Ruiyi Grain Machinery Manufacturing Co., Ltd., Qingdao Mai Xiangyuan Food Technology Co., Ltd., Huimin County

Yudong Flour Co., Ltd., and Qingdao Jiahong Flour Milling Co., Ltd. The main drafters of this document are. Wang Fengcheng, Shen Jun, Ma Sen, Li Shenglong, Wu Junyong, Chen Yuchi, Zou Enkun, Wang Jinheng, Chu Delin, and Wang Ganchuang. Guo Weifei, Liu Donghua, Zhang Baowei, Liu Shaoguang, Liu Xinxin, Sun Xiaodong, Gao Aoxiang, Wang Faxi. The release history of this document and the document it replaces is as follows: --First published in.2010 as GB/T 25730-2010; --This is the first revision. Grain and oil machinery cleaning machine

1 Scope

GB/T 25730-2025 is the Chinese national standard covering the purifier in a flour mill - sieves and an air current together separating endosperm particles from those still carrying bran, which is the step that decides how white the flour can be made without losing yield. Issued on 31 October 2025, it has been in force since 1 May 2026, replacing GB/T 25730-2010.

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 5009.4 National Food Safety Standard - Determination of Ash Content in Food

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 Wheat husks with bran Wheat endosperm grains with bran attached.

3.2 pure semolina Pure wheat endosperm grains.

3.3 Powder purifier Equipment for purifying and classifying a mixture of wheat residue and wheat bran based on differences in particle size, density, and aerodynamic properties.