

ICS 67.260
CCS X 91



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

GB/T 26885-2025

Replacing GB/T 26885-2011

Grain and oil machinery - Sweep augers

粮油机械 螺旋清仓机

Issued on: October 31, 2025

Implemented on: May 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

Table of Contents

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

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 26885-2011 "Grain and Oil Machinery - Screw Cleaning Machine". Compared with GB/T 26885-2011, the only differences are in the structural design. Aside from the integration and editing changes, the main technical changes are as follows: --Added terms and definitions (see Chapter 3); --The working principle has been changed (see Chapter 4, Chapter 3 of the 2011 edition); --Added categories (see Chapter 5); --Increased assembly quality requirements for the product (see 7.1.3); --Added technical requirements for mobile spiral cleaning machines (see 7.2.1~7.2.4); --The mechanical performance requirements for suspension bearings have been changed (see 7.2.5, 7.2.6, and

5.2.1 in the 2011 edition). --The requirement for a minimum clearance between the outer diameter of the propeller blades and the casing has been removed (see

5.2.3 in the 2011 edition). --The mechanical performance requirements for the walking device have been changed (see 7.2.7,

5.2.4 in the 2011 version). --The requirement for coaxiality tolerance of the spiral axis after assembly has been removed (see

5.2.6 in the 2011 version). --Added technical requirements for track-type walking devices (see 7.2.8); --The maximum temperature and maximum temperature rise limits for the reducer housing have been changed (see 7.2.10,

5.2.7 in the 2011 edition). --The limit requirement for the increase in the breakage rate of grain and oil materials after the clearing operation has been changed (see 7.3.2,

5.3.2 in the 2011 version). --The limit requirements for the thickness of residual grain and oil materials after the cleanup operation have been changed (see 7.3.3,

5.3.3 in the 2011 version). 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: Zhengzhou COFCO Research & Design Institute Co., Ltd., Suzhou Jiesai Machinery Co., Ltd., and Qinhuangdao Hongrui Technology Co., Ltd. Development Co., Ltd., China Communications Construction Electromechanical Engineering Bureau Co., Ltd., Jiangsu Fengshang Steel Silo Engineering Co., Ltd., and Central Grain Reserve Zhenjiang Direct Storage Co., Ltd. The company, China Grain Reserves Corporation Qidong Branch Co., Ltd., Yunda Energy Technology Group Co., Ltd., Guangdong Provincial Grain Science Research Institute Co., Ltd. Shenzhen Chiwan Port Development Co., Ltd., COFCO Engineering & Technology Yingchun Agricultural and Livestock Machinery (Shandong) Co., Ltd., and China Grain Reserves Chengdu Storage & Research Institute Co., Ltd. company. The main drafters of this document are. Xin Shuojun, Sui Sai, Li Junwu, Tian Yingbin, Tang Xuejun, Han Weina, Wang Zhenmin, Ma Ruyi, Li Zhaofeng, and Zhao Ruiying. Xia Chaoyong, Zong Yang, Wang Binxing, Zhang Yu, Li Xingang, Zhao Chuang, Zhang Xuedi, Lu Yi, Lu Feng, Dai Yunsong, Wang Jiangang, Hu Yuming, Liu Qiang, Zhang Hesong Shi Qinghua, Zhang Junling, Ling Haiming, Mao Genwu. The release history of this document and the document it replaces is as follows: --First published in.2011 as GB/T 26885-2011; --This is the first revision. Grain and oil machinery spiral cleaning machine

1 Scope

GB/T 26885-2025 is the Chinese national standard covering the sweep auger that clears the last of the grain from a silo floor - its capacity and drive, the safety of a machine that works inside a bin where people have been buried, and the dust it raises in an explosive atmosphere. Issued on 31 October 2025, it has been in force since 1 May 2026, replacing GB/T 26885-2011.

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 2894 Safety Colors and Safety Signs

GB/T 3768 Acoustic sound pressure method for determining the sound power level and sound energy level of a noise source using a simplified measurement method based on the envelope above the reflecting surface. Easy Method

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

GB/T 5491 Sampling and Divided Sampling Methods for the Inspection of Grains and Oils

GB/T 5494 Grain and Oil Inspection. Inspection of Impurities and Defective Grains in Grains and Oilseeds

GB/T 9286 Paints and varnishes - Cross-cut test GB/T 13306 Nameplates

GB 17440 Safety Specification for Dust Explosion Prevention in Grain Processing and Storage Systems

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 24856 General Technical Requirements for Castings 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

GB/T 26632 Grain and Oil Terminology - Grain and Oil Storage Equipment and Facilities

GB/T 36139 Method for Compiling Product Model Numbers for Grain and Oil Machinery

GB 50209-2010 Code for Acceptance of Construction Quality of Building Ground Engineering LS/T 3501.6 General Technical Requirements for Welded Components of Grain and Oil Processing Machinery

3 Terms and Definitions

The terms and definitions defined in GB/T 26632 apply to this document.

4. Working Principle The spiral rotation transports the grain and oil materials inside the silo to the central discharge port, while the spiral cleaning machine rotates in a circular motion around the central discharge port.