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

GB/T 24854-2025

Replacing GB/T 24854-2010

**Grain and oil machinery - General technical specification for
product packaging**

粮油机械 产品包装通用技术条件

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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 supersedes GB/T 24854-2010 "General Technical Conditions for Packaging of Grain and Oil Machinery Products" and is consistent with GB/T 24854-2010. Compared to previous versions, aside from structural adjustments and editorial changes, the main technical changes are as follows:

---The term "closed box" and its definition (see

3.2 in the.2010 edition) have been removed, and the term "skid" (see

3.2 in the.2010 edition) has been changed. 3.3) The English equivalent of "sleeper" (see 3.3,

3.4 in the.2010 edition);

---The selection criteria for product packaging methods have been changed, and explanations regarding the main packaging methods have been added (see 4.1.1,.2010 version). 4.1.1) Product packaging should meet practicality requirements (see 4.1.2,.2010 version 4.1.2), which clarifies partial packaging and simplified packaging. The applicable conditions and regulations that must be met when using non-boxed packaging methods (see 4.1.6,

4.1.3 of the.2010 edition);

---Added requirements for clear information labeling on spare parts (accessories) packaging (see 4.1.3); added material requirements for the packaging box chassis. (See 4.1.5); The information regarding the name, specifications, quantity, outer packaging labels, and packing list of the actual goods packed inside the boxes has been added. The consistency requirement among the three listed items is as follows (see 4.1.7);

---The verification requirements before product packaging have been revised, clarifying the implementation standards for rust prevention on surfaces requiring protection (see 4.2.1,.2010 edition). Sections

4.2.1 and 4.2.2) have been modified to change the measures to be taken to minimize packaging size and ensure safe storage and transportation (see sections

4.2.2 and 4.2.3). (2010 version 4.2.3, 4.2.4)

---Added packaging precautions for special circumstances (see 4.2.4); added moisture-proof measures for components susceptible to moisture. Packaging requirements (see 4.2.5); environmental requirements for product packaging have been added (see 4.2.6);

---The descriptions of material requirements for various materials used in packaging boxes have been revised (see 4.3.1,.2010 version 4.3.1); changes have been made to the descriptions of wood... Description of moisture content requirements for components (see 4.3.2,.2010 edition of 4.3.2); changes to the requirements for plywood used in box making (see...). 4.3.4 (

1 Scope

GB/T 24854-2025 is the Chinese national standard covering packing a milling or oil

processing machine for shipment - the preservation of machined surfaces, the securing of moving parts, the crating and the marking, on equipment that often travels a long way to a rural site. It replaces GB/T 24854-2010. It was issued on 31 December 2025 and has been in force since 1 July 2026, replacing GB/T 24854-2010. The document is under the responsibility of the National Food and Strategic Reserves Administration. This page is published from the official record of the 2025 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the technical requirements, inspection rules, markings, and accompanying documents for the packaging of grain and oil machinery products, and describes the corresponding test methods. This document applies to the packaging of grain and oil machinery products.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. 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/T 1413 Series

3 Static Load Stacking Test Method

GB/T 4857.5 Drop Test Method for Packaging and Transport Packages

GB/T 4879-2016 Rust-proof packaging

GB/T 4892 Rigid rectangular transport packaging dimensions series

GB/T 5048-2017 Moisture-proof packaging

GB/T 5398 Test methods for large transport packages

GB/T 6544 Corrugated Cardboard

GB/T 7284 Framed Wooden Boxes

GB/T 7350-1999 Waterproof Packaging

GB/T 8166 Cushioning Packaging Design

GB/T 9846-2015 Ordinary Plywood

GB/T 10819 Wooden Chassis

GB/T 11718 Medium Density Fiberboard

GB/T 12339 Protective Inner Packaging Materials

GB/T 12464 Ordinary wooden boxes

4 Determination of moisture content

GB/T 2934 Main Dimensions and Tolerances of General-Purpose Flat Pallets for Intermodal Transport

GB/T 4768-2008 Anti-mildew packaging

GB/T 4857.3 Packaging - Basic Tests for Transport Packaging - Part