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

GB/T 22129-2025

Replacing GB/T 22129-2008

**Repair of agricultural machines - General technical
specification**

农业机械修理 通用技术规范

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document replaces GB/T 22129-2008 "General Technical Specifications for Agricultural Machinery Repair". Compared with GB/T 22129-2008, except for structural adjustment, In addition to the integration and editorial changes, the main technical changes are as follows.

- a) Added "Terms and Definitions" (see Chapter 3);
- b) Change "maintenance operation conditions" to "agricultural machinery maintenance point" (see Chapter 4, Chapter 4 of the 2008 edition);
- c) Change "repair" to "repair technical requirements" (see Chapter 5, Chapter 5 of the 2008 edition);
- d) Added "General requirements" (see 5.1);
- e) Change "engine repair technical requirements" and "engine assembly, running-in and testing" to "engine" (see 5.2, 2008 edition) 5.1, 5.2);
- f) Change "Technical requirements for motor repair" and "Motor post-repair assembly and testing" to "Motor" (see 5.3, 5.3, 2008 edition) 5.4);
- g) Added "belts, pulleys and tensioners", "sprocket chains", "gears", "universal joint drive shafts", "transmission gearboxes", "hydraulic torque converters" Repair technical requirements for "hydraulic motors" (see 5.4.1 to 5.4.7);
- h) Added technical requirements for cabinet repair (see 5.6.2.1);

- i) Added technical requirements for brake system repair (see 5.9.2 to 5.9.5);
- j) Added the repair technical requirements for hydraulic systems (see 5.10.2 to 5.10.5);
- k) Added technical requirements for repair of electrical systems (see 5.11.1 to 5.11.3);
- l) The technical requirements for repair of lighting signal devices and other electrical equipment have been deleted (see 5.12.8 of the 2008 edition);
- m) Added technical requirements for the repair of frames and travel parts (see 5.12.1.3, 5.12.1.4, 5.12.2.3);
- n) Added technical requirements for running-in (see 5.14.1);
- o) Deleted "Acceptance Steps" (see Chapter 6 of the 2008 edition);
- p) Added "Quality Inspection", "Acceptance and Delivery", and "Protection and Storage" (see Chapter 6, Chapter 7, and Chapter 8).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the China Machinery Industry Federation.

This document is under the jurisdiction of the National Agricultural Machinery Standardization Technical Committee (SAC/TC201).

This document was drafted by: Heilongjiang Agricultural Machinery Engineering Science Research Institute, Agricultural Mechanization Station of the Ministry of Agriculture and Rural Affairs, Shandong Junmadao Machinery Machinery Co., Ltd., Shanghai Wenqing Agricultural Development Co., Ltd., and Suihua Branch of Heilongjiang Agricultural Machinery Engineering Science Research Institute.

The main drafters of this document are: Yu Zhigang, Fu Dongxing, Song Nannan, Wang Jun, Zhang Jiwei, Wang Baochen, Li Xiangyu, Wang Qingfeng, Zhao Yan, Wang Yangguang, Li Jianxin, Zhu Yuehe, Zhao Zhenyun, You Liming, Cai Qingsong, Yang Junxi, Liu Jianfeng, Gao Yong, Gao Mingchuan, Wang Jun, Yu Younian, Zou Dechen, Chen Zhiyu, Lü Taihong and Zhang Fuxue.

The previous versions of this document and the documents it replaces are as follows.

- First published in 2008 as GB/T 22129-2008;
- This is the first revision.

1 Scope

This document specifies the agricultural machinery maintenance points, technical requirements, quality inspection, acceptance and delivery, protection and storage of agricultural machinery.

This document applies to the repair of agricultural machinery.

2 Normative references

GB 7258-2017

GB/T 21205

GB/T 21963

GB/T 38370

NY/T 1138.1

NY/T 1138.2

NY/T 2197

NY/T 2618

NY/T 2899-2016

3 Terms and definitions

The terms and definitions defined in GB/T 21963 apply to this document.

4 Agricultural machinery maintenance points

4.1 Comprehensive maintenance points for agricultural machinery should comply with the provisions of NY/T 1138.1.

4.2 Special maintenance stations for agricultural machinery should comply with the provisions of NY/T 1138.2.

4.3 The maintenance and service capabilities of agricultural machinery manufacturers shall comply with the provisions of Chapter 4 of NY/T 2899-2016.

5.1 General requirements

5.1.1 Before repairing agricultural machinery, the technical status should be checked to understand the product structure, identify the fault phenomenon, clarify the repair items and plans, and make Keep good records and sign agricultural machinery maintenance contracts.