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

GB 10395.7-2006

Replacing GB 10395.7-2006

**Agricultural machinery - Safety - Part 7: Combine harvesters,
forage harvesters, cotton harvesters and sugar cane harvesters**
(English Translation)

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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 is Part 7 of GB/T (GB) 10395 "Safety of Agricultural and Forestry Machinery (Safety Technical Requirements)". GB/T (GB) 10395 has been...

The following sections have been published.

---GB 10395.1 Safety of Agricultural Machinery Part 1.General Provisions;

---GB 10395.2 Safety of Agricultural and Forestry Machinery Part 2.Dump Trailers;

---GB/T 10395.3 Agricultural Machinery Safety Part 3.Solid Fertilizer Spreaders;

---GB/T 10395.5 Agricultural Machinery Safety - Part 5.Driven Tillage Machinery;

---GB 10395.6 Agricultural Machinery Safety Part 6.Plant Protection Machinery;

---GB 10395.7 Agricultural Machinery Safety Part 7.Combine Harvesters, Forage Harvesters, Cotton Harvesters and Sugarcane Harvesters

Seize the opportunity;

---GB 10395.8 Safety Technical Requirements for Agricultural and Forestry Tractors and Machinery Part 8.Irrigation and Drainage Pumps and Pump Units;

---GB/T 10395.9 Safety of agricultural and forestry machinery - Part 9.Seeding machinery;

---GB 10395.10 Safety Technical Requirements for Agricultural and Forestry Tractors and Machinery Part 10.Hand-held Mini Tillers;

---GB 10395.12 Safety Technical Requirements for Agricultural and Forestry Tractors and Machinery Part 12.Portable Powered Hedge Trimmers;

---GB 10395.14 Safety Technical Requirements for Agricultural and Forestry Tractors and Machinery Part 14.Power Crusher and Chopper;

---GB 10395.15 Safety Technical Requirements for Agricultural and Forestry Tractors and Machinery Part 15.Power Repair Tractors Equipped with Rigid Cutting Devices

Edge machine;

---GB 10395.16 Safety of Agricultural and Forestry Machinery Part 16.Potato Harvesters;

---GB 10395.17 Safety of Agricultural and Forestry Machinery Part 17.Sugar Beet Harvesters;

---GB 10395.18 Safety of Agricultural and Forestry Machinery Part 18.Hose-Driven Winch Sprinkler Irrigation Machines;

---GB 10395.19 Safety of Agricultural and Forestry Machinery Part 19.Center-pivot type and translational type sprinkler irrigation machines;

---GB/T 10395.20 Safety of Agricultural and Forestry Machinery Part 20.Pick-up Balers;

---GB/T 10395.21 Safety of Agricultural and Forestry Machinery Part 21.Rotary Spreaders and Rakes;

---GB/T 10395.22 Safety of Agricultural and Forestry Machinery - Part 22.Front Loading Devices;

---GB 10395.23 Safety of Agricultural and Forestry Machinery Part 23.Unloading Machine for Fixed Circular Silage Piles;

---GB 10395.24 Safety of Agricultural and Forestry Machinery Part 24.Liquid Fertilizer Applicators;

---GB/T 10395.25 Safety of agricultural and forestry machinery - Part 25.Rotary disc mowers, drum mowers and swivel mowers

Lawn mower;

---GB/T 10395.26 Safety of Agricultural and Forestry Machinery Part 26.Large Rotary Lawn Mowers;

---GB/T 10395.27 Safety of Agricultural and Forestry Machinery Part 27.Wrapping Machines;

---GB/T 10395.28 Agricultural machinery safety - Part 28.Mobile grain screw conveyors.

This document replaces GB 10395.7-2006 "Safety Technical Requirements for Agricultural and Forestry Tractors and Machinery Part 7.Combine Harvesters, Feed..."

Compared with GB 10395.7-2006, the main technical changes in "Cotton Harvesters" are as follows, apart from structural adjustments and editorial modifications.

- The scope of application has been changed (see Chapter 1, Chapter 1 of the.2006 edition);
 - Added terms and definitions (see Chapter 3);
 - Added general requirements for safety and/or protective/risk mitigation measures (see 4.1, 5.1);
 - The requirements for the location and labeling of the control mechanism have been changed (see 4.2.1, 4.1.4 in the.2006 version);
 - The requirements for control clearance have been changed (see 4.2.2, 4.1.4 in the.2006 version);
 - Added engine start-up and shutdown requirements (see 4.2.3);
 - The requirements for the operator's seat have been changed (see 4.3.1, 4.1.2 in the.2006 version);
 - Added requirements for passenger seats (see 4.3.2);
 - The requirements for shear point and extrusion point have been changed (see 4.3.4, 4.1.5 in the.2006 version);
 - Changes have been made to the requirements for auxiliary devices for entering/exiting the operator's work position, the workbench, the operator's seat access, and the driver's cab (see 4.3.5).
- 4.3.7, 4.3.8, 4.3.12, 5.2 (4.1.6 and 4.2 in the.2006 edition);
- Added requirements for handrails and railings, controllable cutting platforms, warning messages, and visibility (see 4.3.6, 4.3.9, 4.3.10, 4.3.11);
 - The requirements for non-operator work positions have been changed (see 4.4, 4.2 in the.2006 edition);
 - Added features include a folding mechanism, interchangeable and detachable harvesting devices, an automatic navigation system, a heated surface, fire hazard mitigation, overhead power lines, and cutting...
- Requirements for the reverse drive of the table/feeding device, the position holding of the raised cutting table, noise, hydraulic components and accessories, and electrical equipment.
- (See 4.5~4.8, 4.10, 4.11, 4.13~4.17);
- Changes were made to maintenance and upkeep, header drive, cutting mechanism, screw conveyor, reel, grain bin and grain conveying system, corn
- Requirements for harvesting devices, post-harvest stalk choppers, stalk spreaders, and

chaff spreaders (see 4.9, 4.12, 5.3-5.6, 2006).

Versions 4.3 to 4.8);

---Added requirements for opening the stone collector and storing the cutting tool assembly (see 5.7, 5.8);

---Additional requirements for feed harvesters have been added (see Chapter 6);

---Additional requirements for cotton harvesters have been added (see Chapter 7);

---Additional requirements for sugarcane harvesters have been added (see Chapter 8);

---Added verification methods for safety requirements and/or protective/risk reduction measures (see Chapter 9);

---Added user manuals, labels, and other usage information for combine harvesters, forage harvesters, cotton harvesters, and sugarcane harvesters.

(See Chapter 10)

---The requirement to use color coding to identify manually operated mechanisms has been added (see Appendix B).

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 and is under the jurisdiction of the Ministry of Industry and Information Technology of the People's Republic of China.

This document was first published in 1999, revised for the first time in 2006, and this is the second revision.

Introduction

GB/T (GB) 10395 "Safety of Agricultural and Forestry Machinery (Safety Technical Requirements)" aims to ensure safety and prevent products from causing damage during use.

The regulations stipulate unacceptable harm and specify safety requirements for various agricultural and forestry machinery products.

There are many types and forms of agricultural and forestry machinery. While there are common safety requirements, each type has its own unique characteristics. Therefore, it is necessary to regulate the safety requirements for different types of agricultural and forestry machinery.

The requirement is to divide agricultural and forestry machinery safety into multiple parts, and to specify the corresponding safety requirements or protective measures in each part. These parts together...