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

GB/T 10395.28-2024

Agricultural machinery - Safety - Part 28: Portable grain augers

农业机械 安全 第28部分：移动式谷物螺旋输送机

(English Translation)

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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 is Part 28 of GB (T)10395 "Safety of Agricultural and Forestry Machinery (Safety Technical Requirements)": GB (T)10395 has been issued the following parts are published:

- Part 1: General;
- Part 2: Dump trailers;
- Part 3: Solid fertilizer spreaders;
- Part 5: Driven tillage machinery;
- Part 6: Sprayers and liquid fertilizer applicators;
- Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harvesters;
- Part 8: Irrigation and drainage pumps and pump units;
- Part 9: Seeding machinery;
- Part 10: Hand (mini) tillers;
- Part 12: Portable powered hedge trimmers;
- Part 14: Power grinders and shredders;
- Part 15: Power trimmers with rigid cutting devices;
- Part 16: Potato harvesters;
- Part 17: Beet harvesters;
- Part 18: Hose-pulled winch sprinklers;

- Part 19: Center pivot and translation sprinklers;
- Part 20: Pick-up balers;
- Part 21: Rotary tedders and rakes;
- Part 22: Front loading device;
- Part 23: Fixed circular silo unloader;
- Part 24: Liquid fertilizer applicator;
- Part 25: Rotary disc mowers, drum mowers and flail mowers;
- Part 26: Large rotary lawn mowers;
- Part 27: Wrapping machines;
- Part 28: Mobile grain screw conveyors;

This document is modified to adopt ISO 4254-16:2018 "Safety of agricultural machinery Part 16: Mobile agricultural grain screw conveyors":

This document has the following structural adjustments compared to ISO 4254-16:2018:

---6:1:1~6:1:4 correspond to 6:1:1:1~6:1:1:4 in ISO 4254-16:2018:

The technical differences between this document and ISO 4254-16:2018 and their reasons are as follows:

- Replaced ISO 4254-1:2013 (see 4.1:3, 4:10:1, 4:12:1, 6:1:4) with the normative reference GB 10395.1 to adapt my country's technical conditions increase operability;
- ISO 12100 (see 4.1:2) has been replaced with the normative reference GB/T 15706 to adapt to my country's technical conditions and increase operability Sex;
- Replaced ISO 13857:2019 (see 4.1:3) with the normative reference GB/T 23821-2022: The consistency between the two documents the degree of flexibility is equal to that of the other two technologies in order to adapt to my country's technical conditions and increase operability;
- The normative reference GB/T 17126.1 replaces ISO 5673-1 (see 4.2) to adapt to my country's technical conditions and increase the Operability;
- Replaced ISO 16154 (see 4.11:1) with the normative reference GB/T 30464 to adapt to my country's technical conditions and increase the Operability;
- Replaced ISO 20383 (see 4.11:2) with the normative reference GB/T 39250 to adapt to my country's technical conditions and increase Operability;
- ISO 3600 (see 6.1:1) has been replaced with the normative reference GB/T 9480 to adapt to my country's technical conditions and increase operability Sex;

--- ISO 11684 (see 6.2:1) has been replaced with the normative reference GB 10396 to adapt to my country's technical conditions and increase operability Acting nature:

The following editorial changes were made to this document:

--- To coordinate with the existing standard, the name of the standard is changed to "Safety of Agricultural Machinery Part 28: Mobile Grain Auger Conveyors machine":

Introduction

GB (/T) 10395 "Agricultural and Forestry Machinery Safety (Safety Technical Requirements)" To ensure safety, avoid the product from causing undesirable in order to avoid the harm caused by accidents, safety requirements for various types of agricultural and forestry machinery are stipulated:

There are many types and forms of agricultural and forestry machinery, and their safety requirements have both commonalities and characteristics: In order to specify the safety requirements involved in different agricultural and forestry machinery, According to the requirements, agricultural and forestry machinery safety is divided into multiple parts, and the corresponding safety requirements or protection measures are stipulated in a series of parts, which together constitute the complete safety requirements or protection measures for agricultural and forestry machinery, GB (/T) 10395 is planned to consist of the following parts:

--- Part 1: General: The purpose is to specify the general safety requirements and compliance determination methods for agricultural and forestry machinery:

--- Part 2: Dump trailers: The purpose is to specify the safety requirements and compliance determination methods for dump trailers:

--- Part 3: Solid fertilizer spreaders: The purpose is to specify the safety requirements and compliance determination methods for solid fertilizer spreaders:

--- Part 5: Driven tillage machinery: The purpose is to specify the safety requirements and compliance determination methods for driven tillage machinery:

--- Part 6: Sprayers and liquid fertilizer sprayers: The purpose is to specify the safety requirements and Authentication method:

--- Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugarcane harvesters: The purpose is to specify the Safety requirements for forage and cotton harvesters:

--- Part 8: Irrigation and drainage pumps and pump units: The purpose is to specify the safety requirements for irrigation and drainage pumps and pump units:

--- Part 9: Seeding machinery: The purpose is to describe the safety requirements and

compliance determination methods for seeding machinery:

--- Part 10: Hand-held (mini) tillers: The purpose is to specify the safety requirements and conformity assessment for hand-held mini tillers method:

--- Part 12: Portable powered hedge trimmers: The purpose is to specify the safety requirements and compliance of portable powered hedge trimmers Sex determination method:

--- Part 14: Power crushers and shredders: The purpose is to specify the safety requirements and compliance criteria for power crushers and shredders:

Determine the method:

--- Part 15: Power trimmers with rigid cutting devices: The purpose is to specify the installation requirements of power trimmers with rigid cutting devices:

Full requirements and compliance determination methods:

--- Part 16: Potato harvesters: The purpose is to specify the safety requirements and compliance determination methods for potato harvesters:

--- Part 17: Beet harvesters: The purpose is to specify the safety requirements and compliance determination methods for beet harvesters:

--- Part 18: Hose-pulled winch sprinkler: The purpose is to specify the safety requirements and compliance of hose-pulled winch sprinkler Sex determination method:

--- Part 19: Center pivot and translation sprinkler: The purpose is to specify the safety requirements of center pivot and translation sprinkler:

Sum compliance determination method:

--- Part 20: Pick-up balers: The purpose is to specify the safety requirements and compliance determination methods for pick-up balers:

--- Part 21: Rotary tedders and rakes: The purpose is to specify the safety requirements and compliance of rotary tedders and rakes Sex determination method:

--- Part 22: Front loading devices: The purpose is to specify the safety requirements and compliance determination methods for front loading devices:

--- Part 23: Fixed circular silo unloaders: The purpose is to specify the safety requirements for fixed circular silo unloaders:

--- Part 24: Liquid manure applicators: The purpose is to specify the safety requirements and compliance determination methods for liquid manure applicators:

--- Part 25: Rotary disc mowers, drum mowers and flail mowers: The purpose is to specify the Safety requirements and methods of determining compliance for lawn mowers, drum