

CCS B 90



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

GB/T 10395.25-2020

**Agriculture and forestry machinery Safety - Part 25: Rotary disc
mowers, drum mowers and mulchers**

Issued on: November 19, 2020

Implemented on: June 1, 2021

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

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Foreword

"Agricultural and Forestry Machinery Safety" is divided into the following parts.

---Part 1.General Provisions;

---Part 2.Dump trailer;

---Part 3.Manure spreader;

---Part 4.Forest winch;

- Part 5.Driven farming machinery;
- Part 6.Plant protection machinery;
- Part 7.Combine harvesters, feed and cotton harvesters;
- Part 8.Drainage and irrigation pumps and pump units;
- Part 9.Planting, planting and fertilizing machinery;
- Part 10.Hand-held (mini) tiller;
- Part 11.Power lawn mower;
- Part 12.Portable power hedge trimmer;
- Part 13.Rear-operated and hand-held power lawn trimmers and lawn trimmers;
- Part 14.Power shredders and shredders;
- Part 15.Power trimming machine with rigid cutting device;
- Part 16.Potato harvester;
- Part 17.Sugar beet harvester;
- Part 18.Hose traction winch sprinkler irrigation machine;
- Part 19.Center pivot and translation sprinkler irrigation machine;
- Part 20.Picking up and strapping machine;
- Part 21.Power Tedders and Rakes;
- Part 22.Front loading device;
- Part 23.Stationary circular silage unloader;
- Part 24.Liquid fertilizer application truck;
- Part 25.Rotary disc mowers, drum mowers and mulchers;
- Part 26.Large rotary lawn mower;
- Part 27.Film wrapping machine.

This part is part 25 of "Agricultural and Forestry Machinery Safety".

This section was drafted in accordance with the rules given in GB/T 1.1-2009.

This part uses the redrafting law to amend and adopt ISO 4254-12:2012 "Agricultural Machinery Safety Part 12.Rotary Disc Cutting

Lawn mowers, drum mowers and mulchers."

Compared with ISO 4254-12:2012, this part is slightly adjusted in structure, namely 5.2.1.1,

5.2.1.2, 5.2.1.3, 5.2.1.3.1,

5.2.1.3.2, 5.2.1.3.3, 5.2.1.3.4, 5.2.2 clause number corresponding to 5.2.2, 5.2.3, 5.2.4, 5.2.4.1, 5.2.4.2, 5.2.4.3,

5.2.4.4, 5.2.5.

The technical differences between this part and ISO 4254-12:2012 and the reasons are as follows.

---Regarding normative reference documents, this section has made adjustments with technical differences to adapt to my country's technical conditions and adjustments.

The situation is collectively reflected in Chapter 2 "Normative Reference Documents", and the specific adjustments are as follows.

* Replace ISO 3600:1996 (see 7.1.1) with GB/T 9480-2001, which is equivalent to the international standard;

* Replace ISO 11684:1995 (see 7.2.3.2) with GB 10396-2006 which is modified to adopt international standards;

* Replace ISO 12100:2010 (see Chapter 3, 5.1.1) with GB/T 15706 which is equivalent to the international standard;

* Replace ISO 5718:2002 (see 5.7) with GB/T 19841-2005 which is modified to adopt international standards;

* Replace ISO 14982:1998 (see 5.1.3) with GB/T 21398 equivalent to the international standard;

* Deleted ISO 17101-1, ISO 17101-2 (see 6.2);

* Added a reference to GB/T 25396 (see 6.2) which modified the international standard ISO 17101;

* Replace ISO 17103:2009 (see 6.3) with GB/T 25397, which is modified to adopt international standards.

For ease of use, this section has made the following editorial changes.

---Change the standard name to be consistent with the existing standard series;

---Removed references to international standards.

This part was proposed by China Machinery Industry Federation.

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

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Introduction

The structure of safety standards in the mechanical field is as follows.

a) Type A standards (safety basic standards), giving the basic concepts, design principles and general characteristics applicable to all machinery.

b) Type B standards (safety general standards), involving one (or more) safety features or one type (or more types) of machinery with a wide range of use

The safety protection device.

1) Class B1, specific safety features (such as safety distance, surface temperature and noise) standards;

2) Class B2, safety devices (such as two-hand control devices, interlocking devices, pressure sensitive devices, protective devices) standards.

c) Type C standards (mechanical safety standards), which involve detailed safety requirements for a specific machine or a group of machines.

This part belongs to the Type C standard specified by GB/T 15706.

This section gives the rotary disc mowers and drum mowers for the harvesting of suspended, semi-mounted, trailed and self-propelled forage

The dangerous events, dangerous state and degree of danger involved in grass mowers and horizontal-axis mulchers.

All agricultural machinery (self-propelled, suspended, semi-suspended and towed) common major dangers are in GB 10395.1-2009

Elaborate.

If the provisions of this Type C standard are different from those of the Type A or Type B standards, the design and manufacturing shall be carried out in accordance with the provisions of this Type C standard.

For machines, the implementation of the provisions of this C standard has priority over the A or B standard.

Safety of Agricultural and Forestry Machinery Part 25. Rotating Disc

Lawn mowers, drum mowers and mulchers