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

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**Agricultural and forestry machinery - Safety - Part 20: Pick-up
balers**

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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 of Standardization Documents"

Drafting.

This document is part 20 of GB (GB/T)10395. GB (GB/T) 10395 has released the following parts.

- GB 10395.1 Agricultural and Forestry Machinery Safety Part 1. General;
- GB 10395.2 Agricultural and Forestry Machinery Safety Part 2. Dump Trailer;
- GB/T 10395.3 Agricultural Machinery Safety Part 3. Solid fertilizer spreaders;
- GB 10395.5 Safety of agricultural and forestry machinery Part 5. Driven tillage machinery;
- GB 10395.6 Agricultural and forestry tractors and machinery safety technical requirements Part 6. Plant protection machinery;
- GB 10395.7 Safety technical requirements for agricultural and forestry tractors and machinery Part 7. Combine harvesters, feed and cotton harvesting

Get the chance;

---GB 10395.8 Safety technical requirements for agricultural and forestry tractors and machinery Part 8.Drainage and irrigation pumps and pump units;

---GB 10395.9 Safety of Agricultural and Forestry Machinery Part 9.Seeding Machinery;

---GB 10395.10 Agricultural and forestry tractors and machinery safety technical requirements Part 10.Hand-held mini cultivator;

---GB 10395.12 Agricultural and forestry tractors and machinery safety technical requirements Part 12.Portable power hedge trimmer;

---GB 10395.14 Safety technical requirements for agricultural and forestry tractors and machinery Part 14.Power grinders and shredders;

---GB 10395.15 Agricultural and forestry tractors and machinery safety technical requirements Part 15.Power repair with rigid cutting device

Side machine;

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

---GB 10395.17 Safety of agricultural and forestry machinery Part 17.Sugar beet harvester;

---GB 10395.18 Agriculture and Forestry Machinery Safety Part 18.Hose traction winch sprinkler irrigation machine;

---GB 10395.19 Agricultural and Forestry Machinery Safety Part 19.Central pivot and translational sprinkler irrigation machine;

---GB/T 10395.20 Agriculture and Forestry Machinery Safety Part 20.Picking and Baling Machine;

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

---GB 10395.22 Agricultural and Forestry Machinery Safety Part 22.Front Loading Device;

---GB 10395.23 Agriculture and Forestry Machinery Safety Part 23.Stationary Circular Silo Unloader;

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

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

Lawn mower;

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

---GB/T 10395.27 Agriculture and Forestry Machinery Safety Part 27.Film Wrapping Machine.

This document replaces GB 10395.20-2010 "Agricultural and Forestry Machinery Safety Part 20.Picking and Baling Machines", and GB 10395.20-2010

Compared with.2010, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- a) Changed the standardized objects covered by the "Scope" chapter (see Chapter 1, Chapter 1 of the.2010 edition);
- b) A chapter "Terms and Definitions" has been added (see Chapter 3);
- c) Change Appendix A to "Major Hazard List" (see Chapter 4, Appendix A of the.2010 Edition);
- d) The normative reference documents that should be followed for hazards not covered by this document have been changed (see 5.1.1, 3.1 in the.2010 edition);
- e) The electromagnetic compatibility requirements for the pick-up and strapping machine have been added (see 5.1.3);
- f) The protection requirements for hazards related to moving power transmission components are changed (see 5.3.1.1, 5.3.2.1, 5.3.4.3, 5.3.5.1, 5.3.5.2,

3.2.1 of the.2010 edition);

- g) The safety requirements of the tow frame have been added (see 5.2.1);
- h) The range of ground clearance has been changed, and the protection requirements for the pick-up device when it is in the working position have been added (see 5.2.2.2, 5.2.2.3,

3.2.3 of the.2010 edition);

- i) The safety requirements of the feeding mechanism have been changed, the protection requirements of the auger structure have been increased, and the requirements of lateral fixed protection devices have been added

(See 5.2.3.1, 5.2.3.2, 3.2.4 of the.2010 edition);

- j) The protection diagram of the feeding device has been added (see Figure 3);
- k) The safety requirements for automatic starting devices have been added (see 5.2.4);
- l) The safety requirements for manual rope feeding have been added (see 5.2.5);
- m) Added safety requirements for tool change (see 5.2.6);
- n) The safety requirements for pick-up and strapping machines with film wrapping function

have been added (see 5.2.7);

o) The protection requirements for flywheels have been changed (see 5.3.1.1, 3.3.1 of the.2010 edition);

p) The range of the cross-sectional area of the bale has been changed (see 5.3.1.3, 5.3.3.1, 5.3.6, 7.2.3.3, 3.3.1, 3.3.3, 3.3.6, 5.2 in the.2010 edition);

q) Corrected the marking error in the figure (see Figure 5, Figure 4 of the.2010 edition);

r) The statement on the three situations of the protective device has been deleted, the note (see 3.3.4 of the.2010 edition) has been deleted, and the movement of the strapping mechanism has been added.

The protection requirements of components (see 5.3.4.3), and the protection requirements when the bundling mechanism is equipped with a blower (see 5.3.4.6) have been added;

s) The protection requirements for the entrance position of the bale have been added (see 5.3.5);

t) The protection requirements for the hazards related to cleaning up and blocking are changed (see 5.4.1, 3.4.1 in the.2010 edition);

u) The protection requirements of the bale push-out door have been changed (see 5.4.2, 3.4.2 of the.2010 edition);

v) The requirements for the preparation of the instruction manual have been added (see 7.1.1);

w) The requirements for the logo (see 7.2.1, 5.2 in the.2010 edition) have been changed, the requirements for the color of the logo have been added (see 7.2.2), and the

Requirements for safety signs (see 7.2.3.2).

This document uses the redrafting law to amend and adopt ISO 4254-11.2010 "Agricultural Machinery Safety Part 11.Picking and Baling Machines".

Compared with ISO 4254-11.2010, this document is slightly adjusted in structure. The suspension section of 5.2.2 is set to 5.2.2.1, and the original 5.2.2.1 is changed

For 5.2.2.2, the original 5.2.2.2 was changed to 5.2.2.3.

The technical differences between this document and ISO 4254-11.2010 and the reasons are as follows.

---Regarding normative reference documents, this document 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.