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

GB/T 38364.3-2019

**Garden equipment -- Safety requirements for
combustion-engine-powered lawnmowers -- Part 3: Ride-on
lawnmowers with seated operator**

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

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Foreword

1 Scope

1.3 This section does not apply to lawn mowers produced before the publication of this section.

2 Normative references

Foreword

GB/T 38364 `` Safety requirements for lawn machinery for garden machinery powered by internal combustion engine " is divided into the following parts.

--- Part 1. Terminology and general tests;

--- Part 2. Stepping lawn mower;

--- Part 3. Mounted lawn mower.

This part is the third part of GB/T 38364.

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

This section uses the translation method equivalent to ISO 5395-3..2013

Seeking Part 3. Mounted Lawn Mowers.

The Chinese documents that have a consistent correspondence with the international documents referenced normatively in this section are as follows.

--- GB/T 6236-2008 Agricultural and forestry tractors and machinery driver's seat marking points (ISO 5353..1995, MOD);

--- GB/T 15706-2012 General rules for safety design of machinery for risk assessment and risk reduction (ISO 12100..2010, IDT);

--- GB/T 18831-2017 Principles for the design and selection of interlocking devices related to mechanical safety and protective devices (ISO 14119.

2013, IDT);

--- GB/T 33641.2-2017 Agricultural and forestry tractors and mechanical safety belts Part 2. Strength requirements for fixtures

(ISO 3776-2..2013, MOD);

--- GB/T 33641.3-2017 Agricultural and forestry tractors and machinery safety belts Part 3.

Assembly requirements (ISO 3776-3..2009,
MOD);

--- LY/T 2728-2016 Mounted grass maintenance equipment Rolling over protective structure (ROPS) Test procedure and identification criteria
(ISO 21299..2009, IDT).

The following editorial changes have been made in this section.

--- Incorporated the amendment No. 1 of ISO 5395-3..2013 ISO 5395-3..2013/Amd1..2017 "OPC, cutting device, collecting grass

And test arm "content;

--- Incorporates the content of ISO 5395-3..2013 No. 2 amendment ISO 5395-3..2013/Amd2..2017 "cutting device cover";

--- Instruction 5 of ISO 5395-3..2013, test 1 and description 2 hob, inconsistent with the figure, the positions should be interchanged, this section

Corrections were made.

Please note that some elements of this document may involve patents. The issuer of this document is not responsible for identifying these patents.

This section is proposed by the State Forestry and Grassland Administration.

This section is under the jurisdiction of the National Forestry Machinery Standardization Technical Committee (SAC/TC61).

This section was drafted. Fujian Jinjiang Sanli Motorcycle Co., Ltd., Ningbo Daye Garden Equipment Co., Ltd., Yangzhou Weibang Garden

Lin Machinery Co., Ltd., Zhejiang Changjiang Machinery Co., Ltd., Zhejiang Zhongjian Technology Co., Ltd., Luyou Machinery Group Co., Ltd., Jiang

Susumida Hardware Tools Co., Ltd., Meida Machinery (Suzhou) Co., Ltd., and Nande Certification Testing (China) Co., Ltd. Shanghai Branch.

1 Scope

1.1 This part of GB/T 38364 specifies the internal combustion engine-driven mount rotary blade lawn mower and hob lawn mower (hereinafter referred to as "turf

Machine ") and its inspection methods, lawn machines are equipped with.

--- metal cutting devices, and/or;

--- Non-metal cutting device, one or more cutting parts are hingedly mounted on a nearly

circular driving device.

Cutting is achieved by centrifugal force, and the cutting energy (kinetic energy) of each cutting part is not less than 10J.

This section does not apply to.

--- Robot and remote control lawn machine, flutter (flail) lawn machine, lawn mower, blade reciprocating lawn machine, trailing/half suspension

Hanging lawn mowers and weeders;

--- Cutting device components used with agricultural tractors;

--- Electric lawn mowers and lawn mowers powered by batteries.

1.2 This section relates to serious hazards, hazards and serious hazards that occur during normal use or misuse of lawn mowers reasonably foreseen by manufacturers.

(See Appendix C).

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this article

Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 16842-2016 Test tool for protection and inspection of enclosures against people and equipment (IEC 61032..1997, IDT)

GB/T 21398-2008 Agricultural and forestry machinery electromagnetic compatibility test methods and acceptance rules (ISO 14982..1998, IDT)

GB/T 23821-2009 Safety of machinery to prevent the upper and lower limbs from touching the danger zone (ISO 13857..2008, IDT)

GB/T 26443-2010 Safety colors and safety signs Classification, performance and durability of safety signs (ISO 17398..2004,

IDT)

GB/T 38364.1-2019 Garden machinery. Safety requirements for lawn mowers powered by internal combustion engines. Part 1. Terminology and general

Test (ISO 5395-1..2013, IDT)

ISO 3776-2..2013 Agricultural tractors and mechanical seat belts. Part 2. Strength requirements for fixtures (Tractors and

machineryforagriculture-Seatbelts-Part 2. Anchoragestrengthrequirements)

ISO 3776-3..2009 Agricultural tractors and mechanical seat belts. Part 3. Assembly requirements (Tractorsand

machineryforagriculture-Seatbelts-Part 3. Requirementsforassemblies)

ISO 5353 Calibration points for earthmoving machinery, tractors and other machinery for agriculture and forestry (Earth-moving

machinery, andtractorsandmachineryforagricultureandforestry-Seatindexpoint)

ISO 12100..2010 General principles for risk assessment and risk reduction of machinery safety design (Safety of machinery-General

principlesfordesign-Riskassessmentandriskreduction)

ISO 14119..2013 Principles for the design and selection of interlocks for safety belt protection of machinery (Safetyofmachinery-

Interlockingdevicesassociatedwithguards-Principlesfordesignandselection)