

ICS 65.060.70

CCS B 91



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

GB/T 38364.2-2019

**Garden equipment -- Safety requirements for
combustion-engine-powered lawnmowers -- Part 2:
Pedestrian-controlled lawnmowers**

Issued on: December 31, 2019

Implemented on: December 31, 2019

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

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

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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 second 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 5395-2..2013

Seeking Part 2. Stepping Lawn Mowers ".

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

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

MOD).

The following editorial changes have been made in this section.

--- Incorporated the amendment No. 1 of ISO 5395-2..2013 ISO 5395-2..2013/Amd1..2016

"OPC, cutting device, hydraulic pressure

"Hose" content;

--- Incorporates the content of ISO 5395-2..2013's No. 2 amendment ISO 5395-2..2013/Amd2..2017 "Cutting parts cover".

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. Ningbo Daye Garden Equipment Co., Ltd., Zhejiang Yate Electric Co., Ltd., and Sanli Machine, Jinjiang City, Fujian Province

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Co., Ltd., Nande Certification Testing (China) Co., Ltd. Shanghai Branch.

1 Scope

1.1 This part of GB/T 38364 specifies the safety requirements for rotary knife stepper lawn mowers and hob stepper lawn mowers powered by internal combustion engines.

Seeking test methods, including stepped lawn machines (hereinafter referred to as "turf machines") with a seated operator rider attachment, and equipped with.

--- metal cutting devices, and/or

--- Non-metal cutting device is hingedly mounted on an approximately circular drive device by one or more cutting components.

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 mower, flutter (flail) lawn mower, lawn mower, blade reciprocating lawn mower, trailing/half

Mounted lawn mowers and de-irrigators;

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

--- Stepping lawn machine with flip handle.

Note. GB 4706.1-2005 and GB/T 4706.78-2005 give requirements for electric lawn mowers with walk control.

1.2 This section covers major hazards, hazards, and hazards associated with normal use of lawn mowers and foreseeable misuse by manufacturers.

Events (see Appendix A).

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 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)

GB/T 38364.3-2019 Garden machinery. Safety requirements for lawn mowers powered by internal combustion engines. Part 3. Mounted grass

Floor trimmer (ISO 5395-3..2013, IDT)

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

principlesfordesign-Riskassessmentandriskreduction)

ISO 14119..1998 Principles for the Design and Selection of Interlocking Devices Related to Protective Hoods (Safetyofmachinery-

Interlockingdevicesassociatedwithguards-Principlesfordesignandselection)

ISO 17398..2004 Safety colours and safety signs Classification, performance and durability of safety signs (Safetycoloursand

safety signs-Classification, performanceanddurabilityofsafety signs)

3 terms and definitions

The terms and definitions defined in ISO 12100 and GB/T 38364.1-2019 apply to this document.

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