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

GB/T 43326.3-2023

**Snow throwers - Safety requirements and test methods - Part 3:
Ride-on snow throwers**

抛雪机 安全要求和试验方法 第3部分：坐骑式抛雪机

(English Translation)

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

This document is Part 3 of GB/T 43326 "Safety Requirements and Test Methods for Snow Throwers": GB/T 43326 has issued the following part:

---Part 1: Terminology and general tests;

---Part 2: Step-by-step snow blower;

---Part 3: Mount-type snow blower;

---Part 4: Additional requirements for countries and regions:

This document has been modified to adopt ISO 8437-3:2019 "Safety Requirements and Test Procedures for Snow Throwers Part 3: Mounted Snow Throwers":

The technical differences between this document and ISO 8437-3:2019 and their reasons are as follows:

---Replaced ISO 12100 (see Chapter 3, 4:1) with normatively quoted GB/T 15706 to adapt to my country's technical conditions;

---Replaced ISO 8437-1:2019 with normatively cited GB/T 43326.1-2023 (see Chapter 3, 4:2:1, 4:3:1, 4:3:2, 4:4:1, 4:4:2, 5:2, 5:3), the degree of consistency between the two documents is modified to adapt to my country's technical conditions;

---Replaced ISO 8437-4:2019 with normatively cited GB/T 43326.4-2023 (see 4.1, 4:2:2:6, 4:3:1, 4:8, 4:9, 4:10, 5:2), the degree of consistency between the two documents is modified to adapt to my country's technical conditions;

---Replaced ISO 5395-3 (see 4.2:5:1, 4:2:6, 4:2:8:1) with normative reference GB/T 38364.3 to adapt to my country's technology technical conditions;

---Replaced ISO 3411 (see 4.7:2) with normatively cited GB/T 8420 to adapt to my country's technical conditions:

The following editorial changes have been made to this document:

---In order to coordinate with the existing standards, the name of the standard is changed to "Safety Requirements and Test Methods for Snow Throwers Part 3: Mounted Throwers" Snow Machine":

Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents:

Introduction

Due to the particularity of the use environment and working objects of snow blowers, their products need to be highly adaptable and safe: my country's snow blower Production and usage are increasing year by year, so there is an urgent need to formulate safety standards for snow throwers to protect the interests of consumers and ensure their use:

the safety of the person:

GB/T 43326 is a Category C standard specified in GB/T 15706, that is, for step-type snow throwers and mount-type snow throwers powered by internal combustion engines:

Snow machines stipulate detailed safety requirements and test methods: GB/T 43326 is related to the following enterprises, institutions, individuals and related snow throwers:

Interested organizations and groups:

---Snow blower manufacturing company;

---Health and safety agencies (regulatory agencies, accident prevention agencies, market surveillance agencies), etc.;

---Snow blower consumers and users;

---Service providers, such as machine maintenance:

GB/T 43326 is intended to be composed of four parts: These four parts cooperate with each other to form the necessary and complete safety technical requirements for snow throwers:

Sum test method:

---Part 1: Terminology and general tests: The purpose is to provide relevant stakeholders with the technology of step-by-step snow throwers and mount-on snow throwers:

language and general test methods:

---Part 2: Step-by-step snow blower: The purpose is to provide relevant stakeholders with specific safety requirements and tests for step-by-step snow blowers:

method:

---Part 3: Mount-type snow blower: The purpose is to provide relevant stakeholders with specific safety requirements and testing for mounted snow throwers:

method:

---Part 4: Additional requirements for countries and regions: The purpose is to provide relevant stakeholders with relevant information on different countries and regions:

Snow blower safety requirements and test methods Part 3: Mounted snow blower

1 Scope

This document specifies the safety requirements for ride-on snow blowers powered by internal combustion engines: This document is intended to be in compliance with GB/T 43326.1-2023 and Use in conjunction with GB/T 43326.4-2023 to meet all requirements and inspection methods for mount-type snow throwers:

GB/T 43326 (all parts) relates to snow blowers when used according to the intended purpose and under conditions that are reasonably foreseeable by the manufacturer:

major hazards, dangerous situations and incidents:

This document does not apply to:

- Electric and battery-powered snow blowers;
- Handheld snow blower;
- Airport or highway snow removal machines and equipment;
- Machines intended for use in potentially explosive environments:

This document does not cover hazards related to:

- Battery circuit exceeding 42V;
- Starting motor connected to the mains;
- Magneto grounding circuit;
- working environment;
- Electromagnetic compatibility:

This document does not apply to snow blowers manufactured before the date of this document:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations for undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

GB/T 8420 Body dimensions of earthmoving machinery drivers and minimum movement space of drivers (GB/T 8420-2011, ISO 3411:

2007,IDT)

GB/T 15706 General principles for mechanical safety design risk assessment and risk reduction (GB/T 15706-2012, ISO 12100:

2010,IDT)

GB/T 38364.3 Safety requirements for garden machinery lawn mowers powered by internal combustion engines - Part 3: Mounted lawn mowing Machine (GB/T 38364.3-2019, ISO 5395-3:2013, IDT) GB/T 43326.1-2023 Safety requirements and test methods for snow