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

GB 26508-2011

**Garden machinery - Ride-on machines with lawn mowers -
Safety requirements and testing**

园林机械 坐骑式草坪割草机 安全技术要求和试验方法

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Table of Contents

1	Scope
2	Normative references
3	Terms and Definitions
4	Safety requirements and test methods
4.1	General structure
4.1.1	Shell station
4.1.1.5	Inspection 4.1.1.5.1
4.1.2.2	Inspection By visual inspection and structural integrity of the test given in
4.2.2	Thermal Protection
4.2.5	Exhaust Protection
4.2.6	Pressure Components Protection
4.2.7	Shield or shield installation requirements
4.3	steering mechanism
4.3.5	Tool clutch device
4.4	Rollover Protective Structure (ROPS)
4.5	Electrical 18
4.7	Noise
4.10	Tool stall
4.11	impact
4.16	propellant 29 prevents objects Anti-contact pin
5	Test cone
5.1	General Requirements
6.1	assembly, operation and maintenance instructions
6.2	Safety Instructions
7.1	General
7.2	control labeling requirements
7.3	Tips for safe operation marking requirements
32	Instructions 32
33	Tool information 33 6.4 7 logo
44	Reference

Foreword

All technical contents of this standard is mandatory. This standard was drafted in accordance with rules GB/T 1.1-2009 given. The standard proposed by the State Forestry Administration. This standard by the National Forestry Machinery Standardization Technical Committee (SAC/TC61). This standard is drafted. Jinjiang City, Fujian Sanli Locomotive. Participated in the drafting of this standard. Shandong Huasheng Pesticide Co., Ltd., Ningbo Daye Power Machinery Co., Ltd. The main drafters. Zhang Bumeng, Liu Qingguo, Hu Dingsheng, Guo Li, Li Zongxi, Zhao Zhong Cai, Shi Jie Fan, Wu Zhiqiang, Xu Feng. Garden machinery mounts lawn mower Safety requirements and test methods

1 Scope

GB 26508-2011 is the Chinese national standard on garden machinery - ride-on machines with lawn mowers - safety requirements and testing, in the field of agriculture. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 12 May 2011 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 April 2012. Classification: ICS 65.060.70, CCS B91. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies a vapor (diesel) powered engine, an operator manipulated by the traveling direction of the steering wheel or joystick horse lawn mowing Machine (hereinafter referred to mount mower type) terms and definitions, safety requirements and test methods, maintenance, and instructions for use flags. This standard applies to the knife mount mower type, other fuel engine driven lawn-associated mount reference portion may be used. This standard describes measures to reduce or eliminate the risk in the course of. List of major risk covered by this standard are listed in Appendix A.

2 Normative references

The following documents for the application of this document is essential. For dated references, only applies to the version dated paper Pieces. For undated references, the latest edition (including any amendments) applies to this document. Engineering method of noise sources sound power level a reflecting plane free field

GB/T 3767-1996 sound pressure

GB/T 4269.1 machinery and agricultural and forestry tractors, lawn and garden equipment

operator controls and other displays character No. 1. Common symbols

GB/T 4269.2 machinery and agricultural and forestry tractors, lawn and garden equipment operator controls and other displays character No. Part 2. Symbols for agricultural tractors and machines

GB/T 4269.3 machinery and agricultural and forestry tractors, lawn and garden equipment operator controls and other displays character No. Part 3. powered lawn and garden machinery symbols

GB/T 5395-2008 forestry machinery vibration measurement portable power mechanical vibration handle specification

GB/T 6235 agricultural tractor driver seat apparatus size

GB/T 8591-2000 moving machinery Seat index point

GB 10396 agricultural and forestry tractors and machinery, lawn and garden equipment - Safety signs and hazard pictorials - General principles Whole-body vibration measurement

GB/T 10910-2004 Agricultural wheeled tractors and field machinery driver

GB/T 15706.2 Safety of machinery basic concepts and general principles for design Part 2. Technical Principles

GB/T 17248.2-1999 for machinery and equipment noise emitted operative position and the other specified emission sound pressure levels Free Field Engineering measuring method of a reflecting plane

GB/T 17958 handheld mechanical work required antivibration

GB/T 20448 self forestry machinery Laboratory tests and performance requirements ROPS

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Lawn mower lawnmower For lawn maintenance machinery. Their working cutting tool in a plane substantially parallel to the ground, and through the wheel, the air cushion and the like The height of the tool to determine the height of the grass stubble left after cutting short lawn machines. Press tool can be divided into rotary knife, scissors, and Hob Flail.

3.2 Horse lawn machine ride-onlawnmower A method of operating horse's operation, mainly used for cutting grass turf-type self-propelled lawn mower travels.

3.3 Rotary mower knife rotarylawnmower By a cutting plane perpendicular to the axis of rotation of the mowing blade driven to realize the function of driving power lawn mowing.

3.4 Straw mulching lawn machine mulchinglawnmower No grass discharge port of the rotary table knife mower housing.

3.5 Lysimachia mouth discharge opening On the lawn machine housing, for the grass clippings discharge opening.

3.6 Cutting tool cutting means Mowing function to provide a mechanical structure, composed of one or more blades and other structural parts.

3.7 Taiwan shell cutting means enclosure Play a protective role in the mowing blade means other peripheral components can withstand the weight.

3.8 Tip round blade tip circle Farthest from the rotation center of the blade shaft rotation trajectory around the apex formation.

3.9 Cutting position cutting position Designed by the manufacturer of the height position of the cutter from the support plane. This location is generally adjustable.

3.10 Cutting width cutting width The cutting width of the strip perpendicular to the direction of travel of the machine mount lawn measured.

3.11 Lysimachia channel discharge chute The extended portion of the grass on the opening stage housing. Usually for guiding the cut grass clippings from the cutter to.

3.12 Grass catcher grass catcher Collecting cut grass mower cutting off parts or components and other debris.

3.13 Maximum operating speed maximum operating engine speed When the cutting blade is engaged by the manufacturer or a predetermined maximum speed specification requirements after adjustment, the engine can be achieved.

4.1.1 Shell station

4.1.1.1 General requirements Machine tool mounts lawn are applied in addition to the bottom of the housing cover, should be higher than the lowest point of the cutting table at least along the lower shell 3mm, grass discharge port and Other openings, except as described in 4.1.1.4. Wall height station housing not satisfied the above requirements, a portion of the grass discharge opening shall be considered. All parts of the shell stage be 4.14,

4.17 of the test.

4.1.1.2 station housing front portion Through the station housing front portion (see FIG. 1) vertically highest point of the bottom edge and any tangent to the plane of the circular tip, the resulting cutting point and the highest point is connected Line, and the angle between the plane of the circular tip should not exceed 15 ° (see FIG. 1). The point should not be higher than the lowest point of the tool more than 32mm, Lysimachia mouth except. FIG station housing 1, the size of the front portion

4.1.1.3 Lysimachia mouth Grass discharge port should be provided in a suitable location or protected to ensure that grass and dirt will not directly into the operator area (see FIG. 2).