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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

LY/T 1608-2003

Replacing LY/T 1608-2003

Garden machinery. Petrol engine powered hand-pushed lawn

(English Translation)

Issued on: January 1, 1970 **Implemented on: January 1, 1970**

Issued by: State Forestry Administration

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces LY/T 1608-2003 "hand-push lawn grass machine," compared with LY/T 1608-2003, the main technical changes as follows.

a) Change the standard name from "hand pushing lawn combing machine" to "garden machinery gasoline powered hand pushing lawn combing machine" the English name should be changed from "Hand-pushedlawncomber" to "Garden machinery-Petrolengine." poweredhand-pushedlawncomber ";

b) Changes to the contents of normative references (see Chapter 2, 2003 Edition, Chapter 2);

c) deleted the contents of 3.2, 3.3, 3.4 in Chapter 3 (2003 edition 3.2, 3.3, 3.4);

d) Add the terms and definitions of "working organization, belt limit device" (see 3.3, 3.5);

e) Amend the definition of "hand-held lawn grooming and lifting mechanism" (see 3.1, 3.2, 2003 edition 3.1, 3.5);

f) The content of the model compilation method has been added (see Chapter 4);

g) Added the basic parameters (see Chapter 5);

h) Increased requirements for use of the environment (see 6.1.1);

i) Increased requirements for complete gasoline engines (see 6.2);

j) Revised requirements for starting performance (see 6.3.1, 2003 edition 4.2.1);

k) Revised requirements for idle speed performance (see 6.3.2, 2003 Edition 4.2.2);

l) modified the requirements for air-handling performance (see 6.3.3, 2003 Edition 4.2.3);

m) Modify the performance requirements for the main components (see 6.4, 2003 Edition 4.3);

n) Changed the contents of the protection of hazardous areas (see 6.5.1, 2003 edition

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4.5.1);

o) Modify the operator noise requirements (see 6.5.5, 2003 edition 4.5.3);

p) increase the safety distance requirements (see 6.5.3);

q) Increased parabolic hazard requirements (see 6.5.4);

r) Increase the vibration of hands, exhaust emissions, electromagnetic compatibility requirements (see 6.5.6,6.5.7,6.5.8);

s) modified the reliability requirements (see 6.6, 2003 edition 4.2.7);

t) Increased assembly quality requirements (see 6.7);

u) Changes in appearance quality requirements (see 6.8, 2003 Edition 4.4);

v) Add and modify corresponding test methods (see Chapter 7, Chapter 5 of 2003);

w) revised the inspection rules and divided the product inspection into factory inspection, type inspection and third party inspection (see Chapter 8, 2003 Edition Chapter 6);

x) Changes to the instructions for use (see 9.2, 2003 version 7.3);

y) Increases the requirement for oil drain (see 9.4.3).

This standard by the National Forestry Machinery Standardization Technical Committee (SAC/TC61) and centralized.

1 Scope

This standard specifies the petrol powered hand-push lawn combing machine (hereinafter referred to as combing machine) terms and definitions, model compilers Law, basic parameters, technical requirements, test methods, inspection rules, marking, instruction manual, packaging, transportation and storage.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 Packaging - Pictorial signs GB/T 9480 agriculture and forestry tractors and machinery, lawn and garden power machinery manual preparation rules GB/T 13264 small batches of nonconforming sample count sampling procedures and sampling tables GB/T 21398 Agricultural machinery - Electromagnetic compatibility test methods and acceptance rules GB 26133 Non-road mobile small exhaust ignition engine exhaust pollutant emission limits and measurement methods (China's first and second stage) GB 26509-2011 garden machinery Steam (diesel) oil-powered stepping lawn mower safety requirements and test

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method LY/T 1621 garden machinery model preparation methods JB/T 5135.1 General small gasoline engine bench performance test methods JB/T 5135.3 General small gasoline engine technical conditions EN13684.:2004 A3..2009 Ventilators and ripper for pedestrian handling of gardening equipment (Garden equipment-Pedestriancontroledlawnaeratorsandscarifiers-Safety)

3 Terms and definitions

The following terms and definitions apply to this document.

Hand-pushed lawn mower hand-pushedlawncomber A hand operated by the operator, the working device by a certain regularity, the blade fixed to the shaft with the axis perpendicular to the ground rotates at high speed to the point where the leaves of the lawn are torn and thrown into straw bags or onto the surface of the lawn.

Lifting mechanism heightmechanism A mechanism used to change the relative ground position of a work mechanism.

Workingmechanism

Used to complete the grooming, raking grass or cutting root function of the body.

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