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

GB/T 18961-2023

Replacing GB/T 18961-2012

Portable brush-cutters and grass-trimmers - Vocabulary

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foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules for Standardization Documents"

drafting:

This document replaces GB/T 18961-2012 "Forestry Machinery Portable Mowers and Brush Cutters Vocabulary", and GB/T 18961-

Compared with:2012, except for structural adjustment and editorial changes, the main technical changes are as follows:

a) Changed "logging", "brushcutter", "circular saw brushcutter", "low speed mixture regulator", "exhaust system", "knapsack power unit"

The definition of "maximum power speed" (see 3:1:1, 3:2:1, 3:2:2, 3:6:2, 3:8:1, 3:9:2 and 3:9:9, 2:1:1,;2012 edition

2:2:1, 2:2:2, 2:6:2, 2:8:1, 2:9:2 and 2:9:9);

b) Changed the term "crushing" to "shredding" and revised its definition (see 3:1:2, 2:1:2 of the:2012 edition);

c) Change the term "blade bounce" to "cutting part bounce" and modify its definition (see 3:1:4, 2:1:4 of the:2012 edition);

d) Changed the term "blade" to "cutting part" and revised its definition (see 3:3:1:1, 2:3:2 of the:2012 edition);

e) Changed the term "slinging cutting part" to "flexible cutting part" and revised its definition (see 3:3:1:3,;2012 edition

2:3:4);

f) Changed the term "blade support device" to "cutting part fixture" and revised its definition, adding two terms

"Circular saw blade fixing device" and "fixing device" (see 3:4:1, 2:4:1 of the:2012 edition);

g) Change the term "cutting accessory safety cover" to "cutting accessory guard" (see 3:4:2, 2:4:2 of the:2012 edition);

h) Changed the term "blade cover" to "cutting part cover" and revised its definition, while adding the term "transport cover" (see 3:4:3, 2:4:3 of the:2012 edition);

i) Change the term "hand pull back rope starter" to "rebound rope starter" and modify its definition (see 3:5:3:1, :2012 version 2:5:3:1);

j) Change the term "electric starter" to "electric starter" and modify its definition (see 3:5:3:2, 2:5:3:2 of the:2012 edition);

k) Changed the term "starting throttle locking device" to "throttle control lock", and revised its definition (see 3:5:5, :2012 edition 2:5:5);

l) Changed the term "hand grip area" to "grip area" and revised its definition (see 3:7:2, 2:7:2 of the:2012 edition);

m) Change the term "high-speed idling speed" to "highest idling speed" and modify its definition (see 3:9:10, :2012 edition 2:9:10);

n) Added the terms and definitions of "net mass/net weight" (see 3:9:11):

This document is equivalent to ISO 7112:2018 "Vocabulary of portable brush cutters and lawn mowers for forestry machinery":

The following minimal editorial changes have been made to this document:

--- In order to coordinate with existing standards, change the name of the standard to "Vocabulary of Portable Brush Cutters and Lawn Mowers";

--- Notes are added after the terms "throttle trigger", "idle speed regulator", "low speed mixture regulator" and "high speed mixture regulator";

--- Added index:

Please note that some contents of this document may refer to patents: The issuing agency of this document assumes no responsibility for identifying patents:

1 Scope

This document defines terms related to portable brush cutters and lawn mowers, their cutting components and power parts:

See Appendix A for the various working positions of the brush cutter:

2 Normative references

This document has no normative references:

3 Terms and Definitions

3:1 Homework

3:1:1

logging

The work of separating a standing tree from its roots:

3:1:2

Shredded shredding

The work of cutting shrubs, small trees, and other growing organic matter into small pieces:

3:1:3

mowing trimming

Cutting of weeds, turfgrass or other similar flexible vegetation:

3:1:4

Cutting parts rebound cutting means thrust

When the rotating cutting member (3:3:1:1) comes into contact with a solid object, it occurs suddenly and uncontrollably towards the side or rear of the operator:

3:2 Machine Type

3:2:1

Brush cutter brush-cutter

machine for cutting weeds, shrubs, shrubs and similar plants using rotary cutting elements (3:3:1:1) made of metal or plastics

3:2:2

Circular saw brush cutter brush saw

Brush cutter (3:2:1) equipped with a circular saw blade (3:3:1:2) for cutting small trees and saplings:

3:2:3

lawn mowergrass-trimmer

Use flexible non-metallic wire, rope or similar non-metallic flexible cutting elements (such as centrifugal blades) to cut weeds, lawn grass or similar vegetation

machine of things:

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