

ICS 65.060.70
CCS B 91

LY

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

LY/T 1808-2017

Replacing LY/T 1808-2008

**Garden machinery--Gasoline engine powered pole-mounted
portable pruners
(English Translation)**

Issued on: June 5, 2017

Implemented on: September 1, 2017

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 1808-2008 "Garden Machinery Pole Power Pruning Saw", compared with LY/T 1808-2008 main technology the changes are as follows.

- Revised the name of the standard, and modified the "garden mechanical pole-type power pruning saw" into "the garden machinery powered by gasoline engine" Carrying a pole pruning saw" and modifying the corresponding English name;
- Modified the contents of the "normative reference document" (see Chapter 2, Chapter 2 of the 2008 edition);
- Added the test method of "supporting gasoline engine" (see 5.2.2);
- Revised the "starting performance" requirements and test methods (see 5.3.1, 2008 edition 5.2.2, 6.2);
- Revised the requirements and test methods for "idle performance" (see 5.3.2, 2008 version 5.2.3, 6.3);
- Increased the requirements and test methods for deceleration performance (see 5.3.3);
- Increased the requirements and test methods for "highest no-load speed stability" (see 5.3.5);
- Increased the "net quality of the whole machine" test method (see 5.3.7.2);
- Increased the test method for "main component performance" (see 5.4);
- Increased the requirements and test methods for "oil pump" (see 5.4.5);
- Modified the "noise" test method (see 5.5.1.2, 2008 version 5.5.2);
- Revised the "vibration" test method (see 5.5.2.2, 2008 version 5.5.3);
- Added "Electromagnetic Compatibility" test method (see 5.5.3.2);
- Increased the requirements and test methods for the "emission system" (see 5.5.4);

- Deleted the contents of the "production test" (2008 version 6.8);
- Added "third party inspection" content (see 6.4);
- Revised the requirements of the "flag" (see 7.1.1, 8.1 of the 2008 edition), and added the test method of "flag" (see 7.1.2);
- Added test method for "Instructions for Use" (see 7.2.2);
- Added test method for "packaging" (see 7.3.2);
- Modified the contents of "Transport and Storage" (see 7.4, 2008 edition 8.3).

1 Scope

This standard specifies the terms and definitions and model preparations of a portable rod-type pruning saw powered by a gasoline engine (hereinafter referred to as "pruning saw").

Law, technical requirements and test methods, inspection rules, signs, instructions for use, packaging, transportation and storage.

This standard applies to pruning saws with power units that are side-mounted or carried.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 packaging storage and transportation icon GB/T 2828.11 Procedures for the enumeration of samplings - Part 11. Procedures for assessing quality levels GB/T 4269.5 Portable forestry machinery operator control symbols and other markings GB/T 5390 Forestry and garden machinery, internal combustion engine-powered portable hand-operated machine noise measurement specification engineering method (Level 2 accuracy) GB/T 5395 Forestry and garden machinery - Internal combustion engine-powered portable hand-held machine GB/T 9480 Agricultural and forestry tractors and machinery, lawn and gardening power machinery manual GB 10396 General rules for safety signs and hazard figures for agricultural and forestry tractors and machinery, lawn and horticultural power machinery GB/T 18960 Forestry Machinery Portable Chain Saw Vocabulary GB 19724 Forestry machinery portable chain saws and brush cutters are prone to fire hazard emission systems GB 20888.1 Safety requirements and testing of the mechanical powered pruning saws - Part 1 . Side-mounted power pruning saws GB 20888.2 GB/T.

GB/T 21398 Agricultural and forestry machinery electromagnetic compatibility test methods and acceptance rules GB 26133 Limits and measurement methods for emission of pollutants from small-ignition engines for non-road mobile machinery (China No.1, No.1 Second stage) JB/T 5135.1 General purpose small gasoline engine Part 1. Technical conditions JB/T 5135.2 General purpose small gasoline engines - Part 2 JB/T 5135.3 General purpose small gasoline engines - Part 3. Reliability, endurance test and assessment method JB/T 5673 General technical conditions for painting of agricultural and forestry tractors and implements JB/T 11652 general small gasoline engine rebound type rope starting device technical conditions LY/T 1187 forestry machinery chain saw chain LY/T 1188 forestry machinery chain saw guide LY/T 1198 Chainsaw Sawing Test Method LY/T 1621 garden machinery model preparation method LY/T 2726 forestry machinery portable chain saw oil pump