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

GB/T 8533-2008

Small block making machines

小型砌块成型机

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Foreword

This standard replaces GB/T 8533-1998 "small block making machine." This standard and GB/T 8533-1998 "small block making machine" compared to major changes in that.

- Cancel artificial release mode;
- Adjust the machine each forming a nominal number of data blocks and molding cycle;
- Cancel the vibration motor rated power machine for the content of the basic parameters;
- Increased the energy requirements of the whole machine;
- Improve the safety of machine requirements. The Standard Appendix A, Appendix B and Appendix C are normative appendices, Appendix D is an informative annex. The standard proposed by China Machinery Industry Federation. This standard by the national construction machinery and construction equipment Standardization Technical Committee (SAC/TC328) centralized. This standard is drafted by: Beijing Institute of Construction Mechanization. Participated in the drafting of this standard. Xian Silver Horse Industrial Development Co., Ltd., Quanzhou Hongyi Machinery Manufacturing Co., Ltd., Quanzhou peaks machine Mechanical Manufacturing Co., Ltd., Quanzhou, Fujian Province Red Gate Machinery Manufacturing Co., Ltd., Tianjin Yinfeng Machine Equipment Co., Ltd, Beijing Rui Tuke PSDC Exhibition Co., Ltd., Xi'an East Fuxing Machinery Co., Ltd., Sichuan Mianzhu Taiji Machinery Co., Ltd., Yangzhou Weiao Heavy Machinery Co., Ltd. Kaibo Langfang Construction Machinery Co., Ltd., China Construction Machinery Industry Association, concrete products Machinery Branch. The main drafters of this standard. Wang Ping, Yao Jinke, Cao Yinghui, Li Yang water, Jinshan Xu, Fu Zhichang, students, Zhao Hu, Hu, the Zhao Xiangshan, Zhang Jifu, Side Lijun, An Zhifang, Tang Qi, Meng bamboo. This standard replaces the standards previously issued as follows:

- GB 8533-1987, GB/T 8533-1998;

--- GB 8534-1987;

--- GB 8535-1987. Small block making machine

1 Scope

China's national standard for concrete small block making machines. The block machine is the plant behind the block standard: it fills a mould with a stiff, almost dry concrete mix and consolidates it by vibration under pressure, then strips the mould immediately so the green blocks stand on their own and the machine can cycle again in seconds. That immediate demoulding is what makes the economics work and what makes the machine demanding, because the block has to hold its shape with no strength at all - which depends entirely on how well the vibration compacted it. So the machine's vibration system, its frequency and amplitude and how evenly it is applied across the mould, is what determines both the block's density and its dimensional consistency. The standard specifies the classification, technical requirements, test methods, inspection rules, marking, packaging, transport and storage, applies to vibration moulding machines producing ordinary concrete small blocks, and may be referenced for machines making paving blocks and other concrete small units.

This standard specifies the small block molding machine (hereinafter referred to as machine) classification, technical requirements, test methods, inspection rules and signs, including Loading, transportation and storage. This standard applies to vibration molding mainly the production of ordinary concrete small block block making machine. Production road blocks and other coagulation Soil small block of various types of machine can also be implemented by reference.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 175 Common Portland Cement (

GB 175-2007, ENV197-1.2000, NEQ)

GB/T 3766 Hydraulic System General technical conditions (GB/T 3766-2001, eqv ISO 4413.1998)

GB/T 4111 Test methods for small concrete hollow block

GB 5226.1 Safety of machinery electrical equipment Part 1. General requirements (GB 5226.1-2002, IEC 60204- 1.2000, IDT)

GB/T 7932 pneumatic systems General technical conditions (GB/T 7932-2003, ISO 4414.1998, IDT)

GB 8239-1997 ordinary small concrete hollow block

GB/T 9174 General cargo transport packaging technology GB/T 13306 signs GB/T 14684 building sand

GB/T 14685 building pebbles, gravel

GB/T 15706.1 Safety of machinery - Basic concepts, general principles for design - Part 1. Basic terminology and methods (GB/T 15706.1- 2007, ISO 12100-1.2003, IDT)

GB/T 15706.2 Safety of machinery - Basic concepts, general principles for design - Part 2. Technical principles (GB/T 15706.2-2007, ISO 12100-2.2003, IDT)

GB 18209.1 Safety of machinery - Indication, marking and actuation - Part 1. Requirements for visual, auditory and tactile signals (GB 18209.1-2000, idt IEC 61310-1.1995)

GB 18209.2 Safety of machinery - Indication, marking and actuation - Part 2. Requirements for marking (GB 18209.2-2000, idt

3 Terms and Definitions

The following terms and definitions apply to this standard.