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

GB/T 35200-2017

**Earth-moving machinery - Crawler tractor-dozers for swamp
and marshland - Technical specifications**

土方机械 履带式湿地推土机 技术条件

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard is proposed by the China Machinery Industry Federation. This standard by the National Earth Machinery Standardization Technical Committee (SAC/TC334) centralized. This standard is drafted by Shantui Construction Machinery Co., Ltd., Tianjin Construction Machinery Research Institute, the new move Yasuharu (Tianjin) Heavy Industries have Limited company, Zoomlion Co., Ltd. Participated in the drafting of this standard. Hebei Xuanhua Construction Machinery Co., Ltd., Shanghai Pengpu Machinery Co., Ltd., Caterpillar (Green State) Limited. The drafters of this standard. Song Linying, Li Guangqing, Zhang Haichao, Ren Feng Yue, Ren Jie, Chen Baoming, Li Yu. Earth-moving machinery track-type wet bulldozer Technical conditions

1 Scope

China's national specification for crawler bulldozers built for swamp and marshland. It specifies the terms and definitions, the classification, the requirements, the test methods, the inspection rules and the marking, packaging, transport and storage. A swamp dozer is an ordinary crawler dozer fitted with much wider tracks - triangular section shoes in place of the usual flat ones - and the change is more consequential than it sounds. Ground pressure falls to a fraction of the standard machine's, which is what lets it work on peat, tidal flat, paddy and reclaimed ground where a conventional dozer would sink and have to be recovered. What is given up is traction and durability: the wide shoe is a longer lever on the track link and the undercarriage, so the running gear wears faster and the machine cannot push as hard. It is therefore a distinct product rather than an option, and specifying it separately keeps a buyer from expecting standard-machine performance from it.

This standard specifies the terms and definitions crawler wetland bulldozer, classification, requirements, test methods, inspection rules and signs, packaging, transportation Lose and store This standard applies to the engine net power 60kW ~ 220kW mechanical transmission, hydraulic mechanical transmission and hydrostatic transmission type Crawler wet bulldozer products and variants (hereinafter referred to bulldozer).

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 8419 Earth-moving machinery driver's seat vibration laboratory evaluation

GB/T 8498 earthmoving machinery basic type identification, terms and definitions

GB/T 8590 bulldozer terminology

GB/T 8593.1 Earth moving machinery - Symbols for driver's controls and other display devices - Part 1. Generic symbols

GB/T 8593.2 earthmoving machinery - Symbols for driver's and other displays - Part 2. Machines, work equipment and accessories Special symbol of the piece

GB/T 8595 earth-moving machinery driver's operating device

GB/T 14039 hydraulic transmission fluid solid particles pollution level code

GB 16710 earth machinery noise limits

GB/T 16936 earthmoving machinery net power test specification

GB/T 18577.1 Earthmoving machinery - Definition of dimensions and symbols - Part 1

GB/T 18577.2 Earth-moving machinery - Dimensions and symbols - Definitions - Part 2 - Working equipment and attachments

GB/T 19929 Earth-moving machinery - Tracked machinery braking system performance requirements and test methods GB .20178 earthmoving machinery safety signs and hazard pictograms

GB 20891 Non-road mobile machinery exhaust emission limits and measurement methods of diesel engines (China's third and fourth phase) Earth - moving machinery