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

GB/T 43135-2023

**Earth-moving machinery - Block handler - Terminology and
commercial specifications**

土方机械 轮胎式叉装机 术语和商业规格

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents" Drafting. Please note that some content in this document may be subject to patents. The publisher of this document assumes no responsibility for identifying patents. This document is proposed by China Machinery Industry Federation. This document is under the jurisdiction of the National Earthmoving Machinery Standardization Technical Committee (SAC/TC334). This document was drafted by: Xiamen Xiajin Machinery Co., Ltd., XCMG Engineering Machinery Co., Ltd. Technology Branch, Shandong Lingong Engineering Machinery Co., Ltd., Guangxi Liugong Machinery Co., Ltd., Fangyuan Mark Certification Group Xiamen Co., Ltd., Tianjin Engineering Machinery Research Institute Co., Ltd., Lonking (Shanghai) Machinery Manufacturing Co., Ltd. The main drafters of this document. Shen Guangwei, Han Bin, Geng Yingying, Liu Guoqiang, Wu Juewen, Chen Baoqing, Liu Pan, Zheng Jingliang, Lu Zhenpo, Zou Guangping, Zhou Yanping. Earthmoving machinery tire forklift Terminology and business specifications

1 Scope

GB/T 43135-2023 gives the terminology and commercial specifications for wheeled block handlers - the fork-equipped loaders used to lift and carry cut stone blocks in quarries, a machine China makes in quantity for the granite and marble trade. Because it is a loader carrying a load on forks rather than in a bucket, the quantities that describe it are neither those of a wheel loader nor those of a forklift, and the specifications quoted in sales documents have been correspondingly inconsistent. The standard defines the terms for the base machine, the working equipment and the performance, and then the technical specifications to be stated in commercial documents, with a normative annex giving the

symbols, terms and definitions of the working equipment dimensions. It took effect on 7 September 2023.

This document specifies the terminology and commercial specifications of tire-type forklifts and their working devices, as well as the contents in their technical documents. This document applies to tire-type forklifts with a rated loading and unloading load of not less than 8000kg.

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document.

GB/T 18577.1 Definition of dimensions and symbols for earthmoving machinery Part

3 Terms and definitions

The following terms and definitions as defined in GB/T 18577.1, GB/T 18577.2 and GB/T 36974 apply to this document.

3.1 General terminology

3.1.1 tire forklift blockhandler The self-propelled tire-type special machine is equipped with a special block material fork, which can pry block materials through the movement of the host machine and/or working device. Lifting, handling, loading and unloading and stacking operations. [Source: GB/T 36974-2018, 3.1, with modifications]

3.1.2 hostbasemachine Machines without working devices or attachments, but including the necessary connections for the installation of working devices and attachments and, if necessary, With driver's cab, machine shed and driver protection structure. [Source: GB/T 8498-2017,3.8]

3.2 Quality

3.2.1 work qualityoperatingmass The main engine (3.1.2) is equipped with the working device (3.3.1) including the most commonly used configuration specified by the manufacturer, the driver (75kg), and the fuel tank is filled with fuel. Oil (when applicable) and other media in the liquid system (such as hydraulic oil, transmission oil, engine oil, engine coolant) are added to the fluid specified by the manufacturer. position, and the quality of anti-skid chains (if installed).