

ICS 53.100  
CCS P 97



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

**GB/T 25605-2010**

---

**Earth-moving machinery -- Dumpers -- Terminology and  
commercial specifications**

土方机械 自卸车 术语和商业规格

**(English Translation)**

**Issued on: December 1, 2010**

**Implemented on: March 1, 2011**

---

**Issued by: Standardization Administration of China**

## Table of Contents

|                                         |
|-----------------------------------------|
| Introduction                            |
| 1 Scope                                 |
| 2 Normative references                  |
| 3 Terms and definitions                 |
| 4 Host                                  |
| 5 21 Performance Characteristics        |
| 6 21 Commercial Paper Specification     |
| Appendix A (normative) dumper size      |
| Appendix B (normative) mini dumper size |
| Chinese index                           |

## Foreword

This revised standard adopts the International Standard ISO 7132:2003 "moving machinery - Dumper Terminology and commercial specifications" (in English).

This standard is based on ISO 7132:2003 re-drafted.

This standard and ISO 7132:2003 technical differences are as follows.

--- 3.1.1 dumper definition complements the GB/T 8498-2008 Note the content, and increased the standard definition by the Accurate description "[GB/T 8498-2008, the definition 4.6]," and a single vertical line empty margins identified in terms of which they are involved White Office;

--- No international standard based on the use conditions of off-highway dump truck dump truck is defined, therefore, according to China's national conditions and lines Needs of industry, in general added to the definition of the "non-highway dump truck" terms and definitions, and a single vertical line identifies them Margin involved in terms of page;

--- In order to ensure comprehensiveness and integrity standards, increasing the GB/T 8498-2008 "earth-moving machinery - Basic types - Identification and terms and definition "has been defined" rigid frame dump truck "," articulated dump truck frame "," Rotary Tipper "and" Mini-dumper "in Terms and definitions, and a single vertical line identification in which they are involved in terms of margin.

For ease of use, this standard also made the following editorial changes.

--- "This International Standard" be replaced by "this standard";

--- Remove the foreword to international standards;

--- To ISO 7132:2003 international standard referenced with the international standard has been adopted as a standard in place of the corresponding country;

--- Index increased Chinese and English indexes.

The Standard Annexes A and B are normative appendix.

The standard proposed by China Machinery Industry Federation.

This standard by the national earthmoving machinery Standardization Technical Committee (SAC/TC334) centralized.

This standard was drafted. Tianjin Institute of Mechanical Engineering, Inner Mongolia North Hauler Co., Ltd.

## 1 Scope

This standard specifies the GB/T 8498 defined for self-propelled dump truck earthwork construction (including mini-dump truck) and commercial terms Industry file specification.

## 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/T 8498 Earth - moving machinery - Basic types - Identification and terms and definitions (GB/T 8498-2008, ISO 6165:2006, IDT) GB/T 8592 moving machinery - Determination of turning machines tire size (GB/T 8592-2001, eqvISO 7457.1997) GB/T 10913 speed measurement with moving machinery (GB/T 10913-2005, ISO 6014. 1986, MOD) GB/T 14781 earthmoving machinery mechanical steering wheel capacity (GB/T 14781-1993, eqvISO 5010.1992) GB/T 16936 earthmoving machinery net engine power test specification (GB/T 16936-2007, ISO 9249:1997, MOD) Definition of GB/T 18577.1 moving machinery dimensions and codes - Part 1. Host (GB/T 18577.1-2008, ISO 6746-1:2003, IDT) Performance requirements and test methods GB/T 21152 earthmoving machinery tires machines brake system (GB/T 21152-2007, ISO 3450:1996, IDT) GB/T 21154 earthmoving machinery machine and method for measuring the quality of the work equipment and components (GB/T 21154-2007, ISO 6016:1998, IDT) JG/T 30 moving machinery dump truck compartment capacity Calibration (JG/T 30-1999, idtISO 6483. 1980)

### 3 Terms and Definitions

And the following terms and definitions GB/T 8498 established in the application of this standard.

#### 3.1 General Definitions

##### 3.1.1

Tipper dumper

Self-propelled crawler or tyred machine having an open car for transport, unloading or spreading materials, loading and unloading dump truck by another vehicle Conduct charge.

**NOTE:** Mini-dumper working device can be assembled with a self-installed.

[GB/T 8498-2008, the definition 4.6] 3.1.1.1 Off-highway dump truck non-roaddumper  
Outside dimensions, axle load and quality characteristics do not allow driving on the highway and off-highway job in the conditions of the dump truck.

##### 3.1.1.2

Rigid frame dump trucks rigid-framedumper it has a rigid frame, with steering wheels or tracks dump truck.

[GB/T 8498-2008, the definition 4.6.1]