

ICS 53.100
CCS P 97



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

GB/T 32069-2015

**Earth-moving machinery -- Wheeled loader coupler for
attachments**

土方机械 轮胎式装载机附属装置的连接装置

(English Translation)

Issued on: October 9, 2015

Implemented on: June 1, 2016

Issued by: Standardization Administration of China

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard uses the translation method identical with ISO 23727:2009 "moving machinery wheel loaders attachment connection means." Correspondence between the consistency of the standards of international documents and normative references of the following documents.

--- GB/T 8498-2008 moving machinery - Basic types - Identification and terms and definitions (ISO 6165:2006, IDT).

This standard and ISO 23727:2009 main editorial differences are as follows.

- 3 added connecting means and lifting link icon to facilitate understanding;
- By way of drawing FIG. 4 again been modified;
- Modified Figs. 3, 6, 7, 8 in the marked way;
- Deleted the title of Chapter 5, footnote 1).

The standard proposed by China Machinery Industry Federation.

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

Introduction

The standard dimensions and deviation by means of provisions to ensure interchangeability wheel loaders appurtenances. This standard it does not limit the use of other connecting device structure, but the structure of the provisions of interchangeability more common connecting device.

Design attachment bracket locking system self-determined by the manufacturer, this standard does not do limited.

This standard is under development, not considered for the other wheel loaders, skid steer loader or backhoe loaders, but if the general attachment Require swaps, may apply. Attachment can be assembled without connecting means, mounted directly to the upgrade link.

Moving machinery wheel loaders Connecting means of attachment

1 Scope

This standard applies to the quality of work defined in ISO 6165 is 8000kg ~ 17500kg of wheel loaders. Connecting means may There are alternative designs and sizes, but it may not have a wide range of interchangeable attachments.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

ISO 6165 Earth - moving machinery - Basic types - Identification and terms and definitions (Earth-movingmachinery-Basictypes-Identificationandtermsanddefinitions)

3 Terms and Definitions

The following terms and definitions apply to this document.

Attachment Mounted on wheel loaders lifting linkage connecting device parts assembly (buckets, forks, etc.).

see picture 1.

Connecting device coupler Using a common connection face so many attachments mounted lift linkage end devices.

see picture 1.

Lift Linkages liftinglinkage Mounted on the front wheel loaders, means the lift arm and bucket linkage thereof.

see picture 1.

Quality of work operatingmass; OM Including with the host specified by the manufacturer of the work equipment most commonly used configuration and no-load accessory devices, the driver (75kg), the fuel tank to fill, Fuel and other liquids systems (such as hydraulic oil, transmission oil, engine oil, engine coolant) raised to the level specified by the manufacturer, sprinkler tank half Full quality (when applicable) when.

NOTE 1: Non-driving machines not including the driver quality.

Note 2: The ballast quality delivery may be included (such as when the manufacturer).

[GB/T 21154-2014, the definition 3.2.1] 3.5 Connecting means maximum calibrated load coupler maximum load rating the maximum vertical lifting force coupling means locking pin in the front portion of the horizontal distance of 800mm generated at, for connecting the device manufacturer to determine even Coupling device level, in order to select attachments match.