

ICS 53.020.20

CCS J80



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

GB/T 14560-2022

Replacing GB/T 14560-2016

Crawler cranes

履带起重机

Issued on: July 11, 2022

Implemented on: February 1, 2023

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

Table of Contents

Foreword

1 Scope

About this edition

Classification and status

How a Chinese national standard is set out

About this English translation

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part

1. Structure and Drafting Rules of Standardization Documents" drafted. This document replaces GB/T 14560-2016 "Crawler Cranes", compared with GB/T 14560-2016, except for structural adjustment and editorial. In addition to the changes, the main technical changes are as follows:

- Changed normative references (see Chapter 2, Chapter 2 of the.2016 edition);
- Changed terms and definitions (see Chapter 3, Chapter 3 of the.2016 edition);
- Changed the requirements for the altitude of the workplace (see 4.1.1, 4.1.1 of the.2016 edition);
- Changed the requirements for non-working wind speed (see 4.1.3, 4.1.3 of the.2016 edition);
- Increased the requirements for the relative error of the operating speed of the telescopic mechanism (see 4.2.1.5);
- Increased the requirements for the limit value of exhaust smoke (see 4.2.3);
- Changed the weld defect quality classification and weld inspection requirements (see 4.2.6, 4.2.5 of the.2016 edition);
- Changed the requirements for the head displacement of the boom (see 4.2.8, 4.2.7 of the.2016 edition);

1 Scope

GB/T 14560-2022 is the Chinese national standard on crawler cranes, in the field of materials handling equipment. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 11 July 2022 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 February 2023. Classification: ICS 53.020.20, CCS J80. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the technical requirements, test methods, inspection rules, operating instructions and signs, packaging, transportation and storage of crawler cranes. This document applies to hydraulic crawler cranes powered by internal combustion engines (hereinafter referred to as "cranes").

2 Specifications for forging hooks

GB/T 12265.3 Minimum distance for mechanical safety to avoid extrusion of various parts of the human body

GB/T 12602 Overload Protection Device for Hoisting Machinery GB/T 13306 Signs

GB/T 13384 General technical conditions for packaging of mechanical and electrical products

GB/T 15052 Crane Safety Signs and Hazard Graphical Symbols General

GB/T 19418 Guide for quality classification of arc welded joint defects

GB/T 20062 Mobile crane operating noise limits and measurement methods

GB/T 20118 General technical conditions for steel wire ropes

GB/T 20303.2 Crane Cab Part