

ICS 53.020
CCS R46

JT

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

JT/T 1577-2026

**Technical requirements for weighing and safety protection
system of grabbing cranes**

抓斗起重机称重安全保护系统技术要求
(English Translation)

Issued on: January 12, 2026

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Foreword

JT/T 1577-2026 is a recommended industry standard of the People's Republic of China in the Highway & Transport sector, approved and issued by the Ministry of Transport on 12 January 2026, with effect from 1 August 2026.

It is administered by the National Technical Committee for Hoisting Machinery Standardization, Boom Crane Subcommittee.

Classification: ICS 53.020; CCS R46.

1 Scope

JT/T 1577-2026 gives technical requirements for the weighing and safety protection system of grabbing cranes. It applies to the design, production and use of such systems on cranes that work with a grab, namely general bridge cranes, general gantry cranes, bridge grab ship unloaders, portal cranes, bench-type cranes, high tower cranes and fixed cranes. The systems covered take continuous analogue current and voltage values as their measurement data.

The standard serves crane manufacturers, makers of weighing and protection equipment, port and terminal operators, and inspection bodies. It is a voluntary standard, as the /T in its code shows. It was approved by the Ministry of Transport, issued on 12 January 2026 and takes effect on 1 August 2026. It is a new standard.