

JB

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

JB/T 4149-2010

Replacing JB/T 7326-1994

**Boom-type bucket wheel stacker-reclaimers - Technical
requirements**

臂式斗轮堆取料机 技术条件

(English Translation)

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1 Scope

This standard specifies the technical requirements, test methods, inspection rules, acceptance rules, safety rules, and marking, packaging, transportation and storage of boom-type bucket wheel stacker reclaimer (hereinafter referred to as "stacker reclaimer").

This standard is applicable to boom-type bucket wheel stacker reclaimers, boom-type bucket wheel reclaimers and boom stackers, and serves as the basis for the design, manufacture, installation, inspection, acceptance and use of stacker reclaimers. It may be referred to by other types of stacker reclaimers.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this standard. For dated references, subsequent amendments to (excluding correction to), or revisions of, any of these publications do not apply. However, parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. For undated references, the latest edition of the normative document applies.

GB 150 Steel pressure vessels

GB/T 191 Packaging - Pictorial marking for handling of goods (GB/T 191-2008, ISO 780:1997, MOD)

GB/T 985.1 Recommended joint preparation for gas welding, manual metal arc welding, gas-shield arc welding and beam welding (GB/T 985.1-2008, ISO 9692-1:2003, MOD)

GB/T 985.2 Recommended joint preparation for submerged arc welding (GB/T 985.2-2008, ISO 9692-2:1998, MOD)

GB/T 1031-2009 Geometrical product specifications (GPS) - Surface texture: Profile method - Surface roughness parameters and their values

GB/T 1048 Pipework components - Definition and selection of PN (GB/T 1048-2005, ISO/CD 7268:1996, MOD)

GB/T 1184-1996 Geometrical tolerancing - Geometrical tolerance for features without individual tolerance indications (eqv ISO 2768-2:1989)

GB/T 1228 High strength bolts with large hexagon head for steel structures (GB/T 1228-2006, ISO 7412:1984, NEQ)

GB/T 1229 High strength large hexagon nuts for steel structures (GB/T 1229-2006, ISO 4775:1984, NEQ)

GB/T 1230 High strength plain washers for steel structures (GB/T 1230-2006, ISO 7416:1984, NEQ)

GB/T 1231 Specifications of high strength bolts with large hexagon head, large hexagon nuts, plain washers for steel structures

GB/T 1801-2009 Geometrical product specifications (GPS) - Limits and fits - Selection of tolerance zones and fits (ISO 1829:1975, MOD)

GB 2893.1 Graphical symbols - Safety colours and safety signs - Part 1: Design principles for safety signs in workplaces and public areas (GB 2893.1-2004, ISO 3864-1:2002, MOD)

GB/T 3323-2005 Radiographic examination of fusion welded joints in metallic materials (EN 1435:1997, MOD)

GB/T 3766 Hydraulic fluid power - General rules relating to systems (GB/T 3766-2001, eqv ISO 4413:1998)

GB/T 3767-1996 Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering method in an essentially free field over a reflecting plane (eqv ISO 3744:1994)

GB 4053.1 Safety requirements for fixed steel ladders and platform - Part 1: Steel vertical ladders

GB 4053.2 Safety requirements for fixed steel ladders and platform - Part 2: Steel inclined ladders

GB 4053.3 Safety requirements for fixed steel ladders and platform - Part 3: Industrial guardrails and steel platform

GB/T 4323 Pin coupling with elastic sleeve

GB/T 4879 Rustproof packaging

GB/T 4892 Dimensions of rigid rectangular transport packages

GB/T 5014 Elastic pin coupling

GB/T 5015 Gear coupling with pin elastomer

GB 5083 General rules for designing the production facilities in accordance with safety and health requirements

GB/T 5272 Coupling with elastic spider

GB/T 5972 Cranes - Wire ropes - Care, maintenance, installation, examination and discard (GB/T 5972-2009, ISO 4309:2004, IDT)

GB/T 6069 Roller chain coupling

GB 6946 Aluminium-alloy swaged ferrules for steel wire rope

GB 8918 Steel wire ropes for important purposes (GB 8918-2006, ISO 3154:1988, MOD)

GB/T 8923 Rust grades and preparation grades of steel surfaces before application of paints and related products (GB/T 8923-1988, eqv ISO 8501-1:1988)

GB/T 9286 Paints and varnishes - Cross cut test for films (GB/T 9286-1998, eqv ISO 2409:1992)

GB/T 10595-2009 Belt conveyors

GB/T 11345-1989 Method for manual ultrasonic testing and classification of testing results for ferritic steel welds

GB/T 13306 Plates