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

**中华人民共和国机械行业标准**

JB/T 5000.13-2007

Replace JB/T 5000.13-1998

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**Heavy mechanical general techniques and standards  
—Part 13: Packing**

**重型机械通用技术条件  
第 13 部分：包装**

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# Contents

<b>FOREWORD</b> .....	
1 SCOPE .....	1
2 NORMATIVE REFERENCE .....	1
3 CLASSIFICATIONS OF PACKAGING .....	1
4 PACKAGING MATERIALS.....	3
4.1 Timber .....	3
4.2 Plywood .....	3
4.3 Apply to the nine category packing's material.....	3
5. STRUCTURE OF PACKAGE .....	4
5.1 General.....	4
5.2 Wooden case for the package from the first and the forth and the thirteen.....	4
5.3 Caate for the fifth packaging.....	4
5.4 Bundle for the sixth packaging .....	4
5.5 Pallet structure for the seventh packaging .....	5
5.6 Partial package for the eighth package.....	5
5.7 Package of dangerous goods for the ninth package .....	6
5.8 Transportation package for the eleventh package .....	6
5.9 Container package for the twelfth packaging.....	6
6. CONFIRMATION OF PACKAGE .....	6
6.1 Calculation of weight.....	6
6.2 Confirmation of Package .....	6
7. PACKAGING REQUIREMENTS .....	7
7.1 Common packaging requirements.....	7
7.2 Requirements on special packaging .....	9
7.3 Requirements for package by railway.....	10
8 TESTING METHODS .....	10
9 SAMPLING METHODS AND INSPECTION RULES .....	11
10 PACKAGE MARK .....	11
11 ACCOMPANY DOCUMENTS .....	11
<b>APPENDIX A(DOCUMENTAL APPENDIX) TYPES OF PACKAGE.....</b>	<b>12</b>
<b>APPENDIX B(DOCUMENTAL APPENDIX) FASTENING METHODS FOR PRODUCTS</b>	<b>16</b>
<b>APPENDIX C(NORMATIVE APPENDIX) LIMITATION DIAGRAM.....</b>	<b>19</b>
Table 1 Dimensional deviation of width and thickness of timber components.....	3
Table 2 Allowable Strength of Timber .....	3
Table 3 Diameter of Bolt and Drilled Diameter .....	4
Table 4 Value $\alpha$ when Appearing Acceleration (Maxim Value while normal working) .....	6
Table A.1 Types of package .....	12

## Foreword

JB/T5000 Heavy Mechanical General Techniques and Standards is divided into fifteen parts:

- \_\_\_ Part one: Product Inspection
- \_\_\_ Part two: Oxygen cutting workpiece
- \_\_\_ Part three: Welding
- \_\_\_ Part four: Iron casting
- \_\_\_ Part five: Cast nonferrous metal
- \_\_\_ Part six: Cast steel
- \_\_\_ Part seven: Cast Steel repair welding
- \_\_\_ Part eight: Forging
- \_\_\_ Part nine: Cutting workpiece
- \_\_\_ Part ten: Assembly
- \_\_\_ Part eleven: Attached piping
- \_\_\_ Part twelve: Painting
- \_\_\_ Part thirteen: Packaging
- \_\_\_ Part fourteen: Cast steel nondestructive examination
- \_\_\_ Part fifteen: Forging steel nondestructive examination

This part is the thirteenth part of JB/T5000.

This part takes the place of JB/T5000.13-1998 Heavy Mechanical General Technique and Standard: Packaging.

Comparing with JB/T5000.13-1998, the differences are as follows:

- \_\_\_ Packaging is classified into thirteen groups according to precision and storage & transportation conditions of Product;
- \_\_\_ Defects limits of the packing material of timber and solutions to deinsectization are added;
- \_\_\_ The acceleration value of inertia force produced in the condition of transportation is added;
- \_\_\_ Regulations on dimension of holes of binding bolts of slide wood and end wood, of slide wood and crosstie are added;
- \_\_\_ Requirements on color shading, burrs, and insect holes are added;
- \_\_\_ Requirements for various protective packages are added, such as: protection, water proof, mildew proof, antirust, damp proof, shake proof etc.
- \_\_\_ Testing and inspection methods are added.

Appendix A of this part is normative appendix, while Appendix B is documental appendix and Appendix C is normative appendix.

This part is raised by China Machinery Industry Federation.

This part is centralized management by the Engineering Industry Metallurgical Equipment Technical Committee for Standardization.

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This part's previous edition:

—JB/T 5000.13—1998.

JB/T 5000.13—2007

# Heavy Mechanical General Techniques and Standards

## Part Thirteen: Packing

### 1 Scope

This part of JB/T5000 specifies the transportation packaging methods, technical requirements and testing methods and so on.

This part is applicable to the transportation packaging of heavy mechanical products.

### 2 Normative Reference

Items in the following documents, which are quoted by this part of JB/T5000, become items of this part. Any quoted documents if they are dated, the following modify notification (not including the errata contents) or modify edition are not applicable to this part. However, each part who reaches agreement according to this part will be encouraged to make studies on using these latest versions. Any latest edition of undated quoted documents can apply to this part.

GB/T 1413 containers of Series 1 classification, dimension and rated quality (GB/T 1413-1998, idt ISO 668:1995)

GB/T 4768 Mildew proofing packaging

GB/T 4857.21 Packaging Package for transport Testing methods of proofing mildew

JB/T 4879 Antirust packaging

JB/T 5048 Damp proofing packaging

JB/T 5398 Testing methods of large packages for transport

JB/T 6388 Shipping package marks

JB/T 7284 Frame timber case

GB/T 7350 Water proofing packaging

GB/T 8166 Designing methods of cushion packaging

GB/T 9846.3—2004 Plywood Part 3: Common plywood general techniques and standards

GB/T12339 Inner packing materials for protection

GB/T 12464 Common timber case

GB/T 13123 Bamboo woven plywood

GB/T 13384 General techniques and standards for packing mechanical and electrical products

GB/T 15172 Sampling and inspection of package for transport

GB/T 18925 Slide wooden case (GB/T 18925-2002, JIS Z 1402: 1990, MOD)

### 3 Classifications of packaging

3.1 The first classification of packaging: packed by wooden case lined with waterproof materials, goods must be packed in aluminum foil or equivalent aluminum foil bags, with drying agent inside and guarantee period of 24 months. Wooden case must be packed according to the regulations of GB/T 7284, GB/T 18925 or GB/T 12464.

Goods applicable: easily rusted machinery equipment and electric materials, assembly pipe etc.

3.2 The second classification of packaging: basing on the first packaging, add one more ply of

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