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

GB/T 16471-2008

Replacing GB/T 16471-1996

Dimensional and weight constraints for transport package

运输包装件尺寸与质量界限

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Foreword

This standard replaces GB/T 16471-1996 "transport package size limit" and GB/T 18923-2002 "quality community transport packages limit". This standard and GB/T 16471-1996 and GB/T 18923-2002 main changes are as follows:

- Remove the "Definitions" chapter;
- Direct expression of the "general requirements" and "specific requirements" (see Chapters 3 and 4);
- Based on existing standards in the case of the contents been adjusted accordingly (see Chapter 3, Chapter 4 and Appendix A, Appendix B, Appendix C, Appendix D). The Standard Appendix A, Appendix B, Appendix C, Appendix D are informative appendices. The standard proposed by the Standardization Administration of China. This standard by the National Packaging Standardization Technical Committee (SAC/TC49) centralized. This standard was drafted. Academy of Transportation Sciences, the Ministry of Railways Institute of Standards and metrology, China Civil Aviation Administration of Aviation Safety Technology Heart, China Packaging Federation, Mechanical Engineering Research Institute. The main drafters of this standard. Bears before Kai, Wang Wei, Zhang Jin, Qing Hongyu, Wang Li, yellow snow. This standard replaces the standards previously issued as follows:
 - GB/T 16471-1996;
 - GB/T 18923-2002. Transport package size and quality limit

1 Scope

GB/T 16471-2008 is the Chinese national standard on dimensional and weight constraints for transport package, in the field of packaging and distribution of goods. 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 1 February 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 July 2008. Classification: ICS 55.020, CCS A80. 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 standard specifies the overall dimensions and mass via the outer roads, railways, waterways, air transport transport package boundaries. This standard applies to roads, railways, waterways, air transport transport package design and transportation.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 1413 Series 1 freight containers - Classification, dimensions and ratings (GB/T 1413-1998, idt ISO 668.1995)

3 General requirements

For roads, railways, waterways, air transport transport package maximum length, width and height, respectively, should not exceed the appropriate means of transport can transport foot Inch, maximum mass not exceed its maximum load.

4.1 Road transport

4.1.1 transport package length, width and height, respectively, less than 3360mm, 1600mm, 1650mm, the mass is not more than 3000kg, applicable In Table 1, various models of transport.

4.1.2 When using models in Table 1, the size and quality of the transport package shall respectively be less than the minimum cargo space of the vehicle compartment Length, width, height and the rated load, maximum size and mass should be less than the model cars are the maximum cargo space length, width, height and the rated load weight. Common road truck Cabin size and the rated load range in Table 1. Highway commonly boxcars and internal dimensions Rated load The amount given in Appendix A. Table

1 Common highway truck Cabin size and the rated load range Models Length/mm
Width/mm height/mm gate width/mm door height/mm Bearing surface ground Height/mm

Rated load Amount/kg	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
MGV	3,360	795,022	002,490	-	-	-	-	-	1,200	142,545	006,000	Heavy goods vehicles		
	4,900	810,022	502,500	-	-	-	-	-	1320	14198000	18650	Van		
	3,750	730,019	202,490											
	1,803	216,016	002,220	1700	1900	-	-	3000	5000	Trailer		3800	121602100	2500
	1100	1400--10000	Van trailer		6900	121422200	2490	1800	3300	1,900	230,016	501,800	-	-
	4500													

4.2 Railway Transport

4.2.1 Transport package length, width and height, respectively, less than 2400mm, 1800mm, 2542mm, quality is not more than 50000kg when applicable In Table 2. The various models of transport.

4.2.2 When peace in Table 2 gondola car models, the size and quality of transport packages are smaller than the minimum should be the model car can Cargo space length, width, height and the rated load, maximum size and mass should be less than the model cars are the maximum cargo space length, width, height And rated load. When boxcar, transportation package size should be smaller than the smallest car in the wide, wide doors, door height; the maximum size should be less than the car