



BULLBOX

45' HC PW
SPEC. BULLBOX

STEEL DRY CARGO CONTAINER
Bullbox HC PW- 45' × 2500 × 9'6"

MODELO NO: **BULLBOX 45' HC PW**
DATE OF ISSUE: **October 2017**



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 **1.1 General**

This specification will cover the design, construction, materials, testing and inspection performances of 45'x 2500mm x 9'6" type steel dry cargo containers.

These containers specified herein will be manufactured by Contenedores y Embalajes Normalizados, S.A (hereinafter referred to BULLBOX) under strict quality control by BULLBOX and be **approved by the classification society** (Bureau Veritas, China Clasification Society, Lloyd's Register of Shipping, American Bureau of Shipping...)

The container will be designed and constructed for carriage of general cargo by marine (on or below deck), road and rail throughout the world. All materials used in the construction will be to withstand extremes of temperatura range from -30°C(-22°F) to +70°C(+158°F) without effect on the strength of the basic structure and watertightness.

The container will satisfy the following requirements and regulations, unless otherwise mentioned in this specification

ISO Container Standards : ISO 668. ISO 830. ISO 1161. ISO 1496-1. ISO 6346.

T.I.R. Certification : All the containers will be certified and complied with "The Customs Convention on the International Transport of Goods under the cover of T.I.R. Carnets." or "The Customs Convention on Containers."


C.S.C. Certification : All the containers will be certified and complied with the requirements of the "International Convention for the Safe Containers."

T.C.T. Certification : All exposed wooden components used for container will be treated to comply with the requirements of "Cargo Containers-Quarantine Aspects and Procedures" of the Commonwealth Department of Health, Australia.

All the containers will be certified and complied with the requirements of the "International Convention for the Safe Containers."

All the containers will be certified for design type and individually inspected by classification society, BV, ABS, LR, GL or CCS.

* Note : BV : Bureau Veritas (France)
ABS : American Bureau of Shipping (USA)
LR : Lloyd's Register of Shipping (UK)
GL : Germanischer Lloyd (Germany)
CCS : China Classification Society (P.R.C)

 **1.2 Handling and Transportation**

The container will be constructed to be capable of being handled without any permanent deformation under the following conditions:

a) Lifting, full or empty, at top corner fittings vertically by means of spreaders fitted with hooks, shackles or twistlocks.

b) Lifting, full or empty, at bottom corner fittings using slings with terminal fittings at any angles between vertical and 30 degrees to the horizontal.

c) Lifting, full or empty, at forklift pockets using forklift truck.

The container will be constructed to be suitable for transportation in the following modes:

a) Marine: Stacking test load to be 86,400 kg or seven (7) stacked. On the deck of vessel: secured by vertical and diagonal wirelashings:

- 1) 40' location: Four (4) high stacked.
- 2) 45' location supported at 40': Four (4) high stacked.
- 3) 40' location supported at 45': Three (3) high stacked

b) Road: On 45' long flat bed or skeletal chassis, secured by twistlocks or equivalent at the bottom corner fittings.

c) Rail: On flat cars or special container cars secured by twistlocks or equivalent at the bottom corner fittings.

 **2. Dimensions and Ratings****External**

Length	13,176 + 0 mm	45' +0
	-10 mm	-3/8"
Width	2,500 + 0 mm	8' +0
	-5 mm	-3/16"
Height	2,896 + 0 mm	9'6" +0
	-5 mm	-3/16"

- 1) No part of the container will protrude beyond the external dimensions mentioned above.
- 2) Maximum allowable differences between two diagonals on anyone of the following surfaces will be as follows:

Roof, bottom and side diagonals: 19 mm

Front and rear diagonals: 10 mm

Internal

Length	13,574 mm
Width	2,432 mm
Height	2,698 mm

Door opening dimensions

Width	2,422 mm
Height	2,585 mm

Internal cubic capacity

89.l m³ 3,145 cu ft

Gooseneck tunnel

Length	3,315 mm
Width	1,029 +3 mm
Height	120 +0 mm
	-3 mm

Ratings

Max. Gross Weight	30,000 kgs	74,950 lbs
Tare Weight (design)	5,100 kgs	11,240 lbs
Max. Payload	28,900 kgs	63,710 lbs



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