

## Technical description STORAGE CONTAINER

The following description refers to the specifications and the design of new standard containers.

### Dimensions and weights:

		Type					
		LC 6'	LC 8'	LC 9'	LC 10'	LC 15'	LC 20'
External	Length (mm)	1.980	2.438	2.931	2.991	4.550	6.058
	Width (mm)	1.950	2.200	2.200	2.438	2.200	2.438
	Height (mm)	1.910	2.260	2.260	2.591	2.260	2.591
Internal	Length (mm)	1.800	2.275	2.770	2.831	4.387	5.898
	Width (mm)	1.860	2.106	2.106	2.344	2.106	2.344
	Height (mm)	1.730	2.050	2.050	2.376	2.050	2.376
Door clearance	Width (mm)	1.850	2.070	2.070	2.310	2.070	2.310
	Height (mm)	1.690	1.945	1.945	2.280	1.945	2.280
	Weight (kg)	450	630	690	825	915	1270
	Capacity (m <sup>3</sup> )	6,66	9,82	12	15,76	18,94	32,85

### Fork lift pockets:

Distance - centre (mm)	950		2.050
Clear opening width x height (mm)	245x70	355x105	

### Loading capacity:\*

Max. payload (kg)	2.000	3.500	8.500	10.000	5.000	10.000
Max. floor loading (kg/m <sup>2</sup> )	600	750	1.500	1.500	550	750
Max. lifting weight at 1.5g (kg)	-	2.300	5.600	6.500	3.350	6.500
Max. stacking weight (kg)	-	6.500	13.250	15.400	9.500	17.000
Snow load: kg/m <sup>2</sup> (1kN/m <sup>2</sup> )	100					
Max. point load in the centre of the roof (30x30cm; kg)	150					
Stacking **	not stackable	max. three high				

\* Load capacity according to static calculation and GL-type certificate

\*\* The stacked containers are only allowed to be loaded with the maximum lifting weight! For stacking the special CTX stacking cones must be used.

A level surface is precondition for a correct positioning of the containers.

In the case of strong winds an adequate fastening is necessary (wired steel ropes etc.)

### Floor:

Frame construction	2-3 mm welded steel profiles floor cross members of U-profiles front floor cross member tilted to the outside
Fork lift pockets	2.5 mm steel profiles
Floor	20 mm laminated plywood floor board water resistant (V 100) sealing with elastic sealant

<b>Corner Cast:</b>	<b>Type</b>					
	<b>LC 6'</b>	<b>LC 8'</b>	<b>LC 9'</b>	<b>LC 10'</b>	<b>LC 15'</b>	<b>LC 20'</b>
	- welded corner casts, dimensions according to ISO standard thickness 6 mm (except for 6 ft storage container - lifting bracket made of 10 mm welded steel profile)					

#### **Roof:**

Frame construction	- 2.5 respectively 3 mm thick welded steel profiles - water bar at the front roof beam
Cover	- self-supporting, cross beaded steel sheet 1.2 mm thick

#### **Corner posts:**

	- front corner post: 3 mm thick steel profile - rear corner post: 2 mm thick steel profile
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#### **Walls:**

	- vertically beaded steel plate 1.2 mm thick - 4 ventilation ducts positioned underneath the roof frame
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#### **Doors:**

	double wing door, with special rubber seal around the door opening radius ca. 270°
Lining	horizontally beaded steel plate 1.2 mm thick
Locking system	- special locking mechanism - made from galvanised pipe and holding angle with integrated plastic guide-bushes
Fixing	welded to the door blade with galvanised and forged hinges

#### **Handling:**

With fork lift	fork length min. 2 m, fork width min. 20 cm
With crane	angle between lifting rope and horizontal line must be at least 60 °

#### **Paint:\***

	environmentally friendly combined coating system with high-quality weather resistance
Pre-treatment	degreasing and zinc phosphating by dip-coating
Grounding	cathodic electro dip coating (colour shade grey) with an average lamination strength 20 µm (min. 15 µm).
Top coat (external)	high-quality powder coating on a polyester basis (facade quality) with an average lamination strength of 70 µm (min. 60 µm)

\* With the applied painting system shades similar to RAL are achieved. We do not accept liability for colour variations in comparison with the RAL tones.

**Options:**

	Type					
	LC 6'	LC 8'	LC 9' **	LC 10'	LC 15'	LC 20'
Painting according to CTX-RAL-chart *	■	■	■	■	■	■
Steel checker plate 3 + 1 mm floor	■	■	■	■	■	■
CTX - lock box	■	■	■	■	■	■
Security fittings	■	■	■	■	■	■
Electrical installation		■		■	■	■
Second double wing door on the short side **		■		■	■	■
Window (incl. window grille)				■		■
Door 875 x 2.000 (mm) **				■		■
Reduced fork lift pocket distance ***						■ (950 mm)
Rack		■	■	■	■	■
Ventilation grille		■		■	■	■

\* Colour collection RAL Classic

\*\* No static calculation and GL-type certificate available

\*\*\* Handling with fork lift only possible when empty

**Certifications:**

Production	ISO 9001:2000
Statics	CAE Simulation & Solution GmbH
Locking bars	GL production approval certificate
Rubber seals	GL production approval certificate
Quality monitoring	GL "type test"

**Details:**

- Regulatory and legal requirements for the storage, placement and usage of the containers must be considered by the buyer/hirer.

Subject to technical alterations.