

# INTERMODAL DEVI CONTAINER

## FOR SUGAR IN BULK



- 34,8 m<sup>3</sup> capacity
- High mobility
- Perfect tightness
- Meets requirements for CSC certification
- Stainless steel floor
- Pneumatic control of discharge valve
- A solution dedicated to intermodal transport
- Container manufacturing plant meeting the ISO: 9001 : 2015 standard



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## A PERFECT SOLUTION IN DEDICATED TRANSPORT FOR SUGAR TERMINALS



- Time and labor savings thanks to efficient loading and unloading operations
- No waste in transport
- Security of goods
- Optimizing the transport process

- Big-bag elimination
- The final recipient of the cargo does not need to have a railway siding
- Container adapted to reloading using container pockets
- Meets requirements for CSC certification



- Special protective inner coating
- All stainless steel floor
- Food contact approval
- Special charging hatches

Sugar containers intended for intermodal transport can be transported both on a railway and a car platform. Especially recommended in rail transport in the East-West relationship due to the transshipment of the containers themselves and not the goods between wagons. This contributes to the exceptional profitability of intermodal transport.

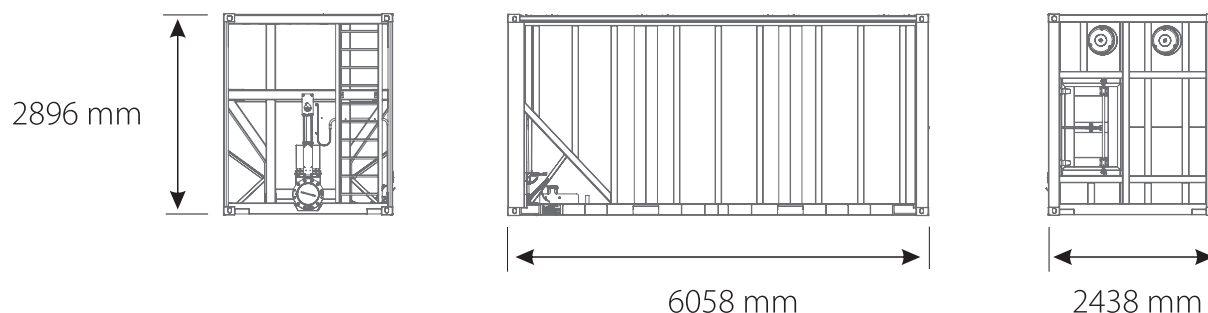
The DEVI CONTAINER FOR SUGAR IN BULK (KMTC) is used for mass transport of sugar and its temporary stationary storage. Its design enables easy loading and unloading of goods. It has a standardized size of a 20-foot high cube container. Corner castings are welded in at the frame corners. A set of four upper corners enables loading or unloading operations of the container, while the lower corners - fastening and securing the container on a semi-trailer, wagon or ship. The container structure is strictly adapted to the transport of loose materials. There are four hatches with a diameter of DN450 on the roof of the container, enabling easy loading of goods. The hatches are made of stainless steel AISI 304 and their gaskets certified for contact with food. Thanks to this type of hatches, they are not only safe under sanitary for the transported goods, but also durable in terms of operation. All hatches have a common customs seal system and dedicated cable tension, which reliably prevents the hatch from being opened without damaging these seals.

The interior of the container is made in a way that ensures easy unloading of the load and no possibility of keeping it in nooks and crannies. The walls and ceiling are covered with paint certified for contact with food products, while the floor is covered with a durable platter made of AISI 304 stainless steel. Thanks to the use of a durable stainless steel plate in the place of the greatest friction of the load during unloading and loading, there is no wear and tear of the paint coatings.

The load is unloaded after the container is tilted at an angle of 45 degrees. The goods are unloaded through a DN 300 scissor valve. In addition, unloading is facilitated by the use of a pneumatic vibrator, which prevents the unloaded goods from stopping in the valve. The scissor valve and the vibrator are pneumatically controlled by connecting the container to the pneumatic installation in the plant. The connection is made with a standardized pair of quick couplers.

During loading and unloading, two safety valves ensure that the inside of the container is always pressurized which greatly facilitates these operations.

The container is also equipped with an inspection door that allows you to check the inside of the container and its periodic cleaning. The outside of the container is painted in color and equipped with graphics, as requested by the customer.



## TECHNICAL SPECIFICATIONS

Container type	KMTC
Width*	2438 mm
Length*	6058 mm
Height*	2896 mm
Container empty weight	3600 kg
Spacing of sockets for a transport trolley (side)	2050 mm
Fork pocket dimensions (side) (L x W x H)	2330 x 355 x 115 mm
Spacing of sockets for the transport trolley (front)	2080mm
Fork pocket dimensions (front) (L x W x H)	168 x 200 x 65 mm
The bulk volume of the container	34,8 m <sup>3</sup>
Number of stored containers in one stack	4
Number of stored containers in one stack, without load	4

\* standardized size of a 20-foot High Cube container