

Dino BULK TRUCK
LOADER
BY VAN BEEK
FACTORY AUTHORIZED AGENT

Dino bulk truck loader

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GENERAL DESCRIPTION



The Dino[®] bulk truck loader is deployed as the most effective way to load a truck with bulk goods. The Dino[®] can be used for goods stored in big bags and even goods that are loaded with a shovel aren't a problem. The basic capacity of the Dino[®] is 40 m³ an hour (can be increased to 80 m³). The Dino[®] is certified under CE, ARBO regulation, ARAB, TUV etc.

Companies that have decided to purchase a bulk truck loader are asking themselves how they coped before. A bulk truck loader is not only a tool that saves time, also the safety of the employees is improved considerably.

The bulk truck loader looks like a standard device, but that is not true. The main power of Van Beek is the flexible way they build their machines. Every machine is built according to specific customer specifications.

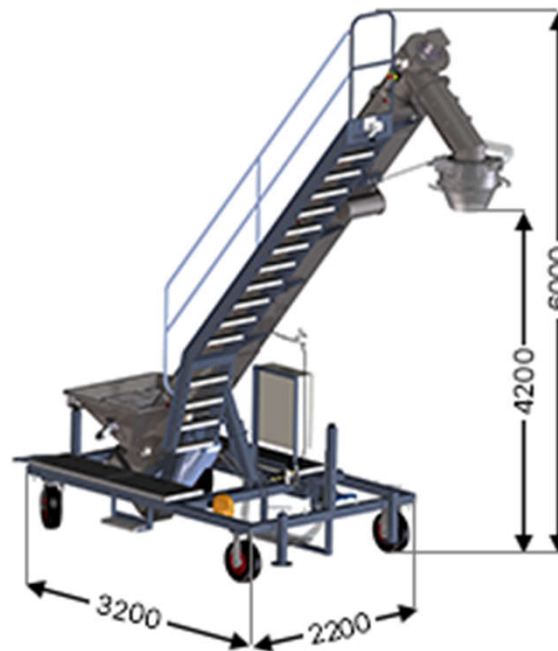
ADVANTAGES

- It saves time
- It's safe to use
- It's easy to clean
- It's low maintenance
- It's easy to operate
- It's robust
- It's mobile, makes it flexible to use
- It's constructed out of stainless steel



DIMENSIONS

The default version of the Dino[®] is a Dino[®] with a capacity of 40 m³ an hour, can be collapsed and is constructed of stainless steel 304.



TYPES OF DINO



Dino Light



Dino Cement



Dino Silverline



Dino ATEX

DINO LIGHT

The Dino Light has been specially developed for loading one product that does not need a product change or cleaning. Such a top quality machine can however be supplied at a lower cost for loading plastic granules (e.g. PE or PP) and chemical powders, granules or granulates.

Because cleaning is not needed for these consignments, the Dino Light does not have an openable top hatch or a step alongside the screw. This machine is set upright using a forklift truck after which the operator fixes it with a steel bar. If required, this Dino can also be modified to suit your requirements.



DINO SILVERLINE



The Dino DR300 SilverLine is a Dino with a capacity of 45 m³/hour and equipped with the five most popular options for loading into bulk trucks. This special Dino has been designed based on many years' experience in response to a market that makes increasingly more stringent hygiene requirements.

The Dino SilverLine is fitted with:

- Manually operated loading bellows on outlet side.
- Pneumatic beaters on the outside of the inlet hopper: so that product does not remain stuck to the sides.
- Fluidising pads in the inlet hopper: these blow air through the product so that it flows more easily into the screw.
- Extension rim on inlet hopper: this increases the volume from 450 litres to 1450 litres.
- Lid on inlet hopper: to reduce dust.

The Dino SilverLine is available according to the guidelines of the European Hygienic Engineering and Design Group (EHEDG) for food products, the GMP+ guidelines for animal feeds and according to the requirements of food safety certificate EC1935/2004. This well-equipped Dino is suitable for all industries. The extra features make it a popular and easy model that has wide uses. Of course it is possible to modify this Dino to suit your requirements.

DINO CEMENT



The Dino DS400 Cement has been adapted for loading big bags of cement and cement-like products such as limestone, soda ash and bentonite into bulk trucks. The Dino Cement has a capacity of 90 m³/hour, where the capacity of a standard Dino is 45 m³/hour.

The inlet hopper is fitted with a cross- or U-shaped blade so that a forklift truck driver can pour in the bags quickly, safely and easily. He does not have to get out to cut the big bag open and can immediately fetch the next big bag. This means a bulk truck can be filled within 30 minutes.

On the inlet hopper is a screening deck with vibrator. This separates the large chunks and lumps from the cement powder. The vibrator breaks down the chunks so that they can flow freely. The inlet hopper itself is fitted with fluidising pads. These spray air into the product and create an 'air film' on the inside of the inlet hopper so that the product can flow into the screw more easily.

The outlet side is fitted with a manually operated loading bellows to prevent dust formation. Of course it is possible to modify this Dino to suit your requirements.

DINO ATEX



The Dino ATEX has been developed for loading explosive substances such as starch, sugar, milk powder, lactose and similar powders into bulk trucks. The design is based on maximum dust reduction and as high as possible a loading speed. In this Dino all the hotspots that can cause an explosion have been modified.

This Dino is equipped with:

- Rev monitor.
- Earth lugs.
- Earthing cable to the fixed world.
- ATEX motor.
- ATEX components such as safety switch and air instrumentation
- Antistatic plastics.
- ATEX dust filter unit.
- Expansion rim and cover for dust reduction.
- Loading bellows for dust reduction.

The Dino ATEX is developed for each project in cooperation with our notified body TÜV in Germany. For every Dino ATEX there is an ATEX construction file. It is of course possible to modify this Dino to suit your requirements, with the technical facilities that we have for ATEX-design.



We would be pleased to make you an offer to fit your requirements



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