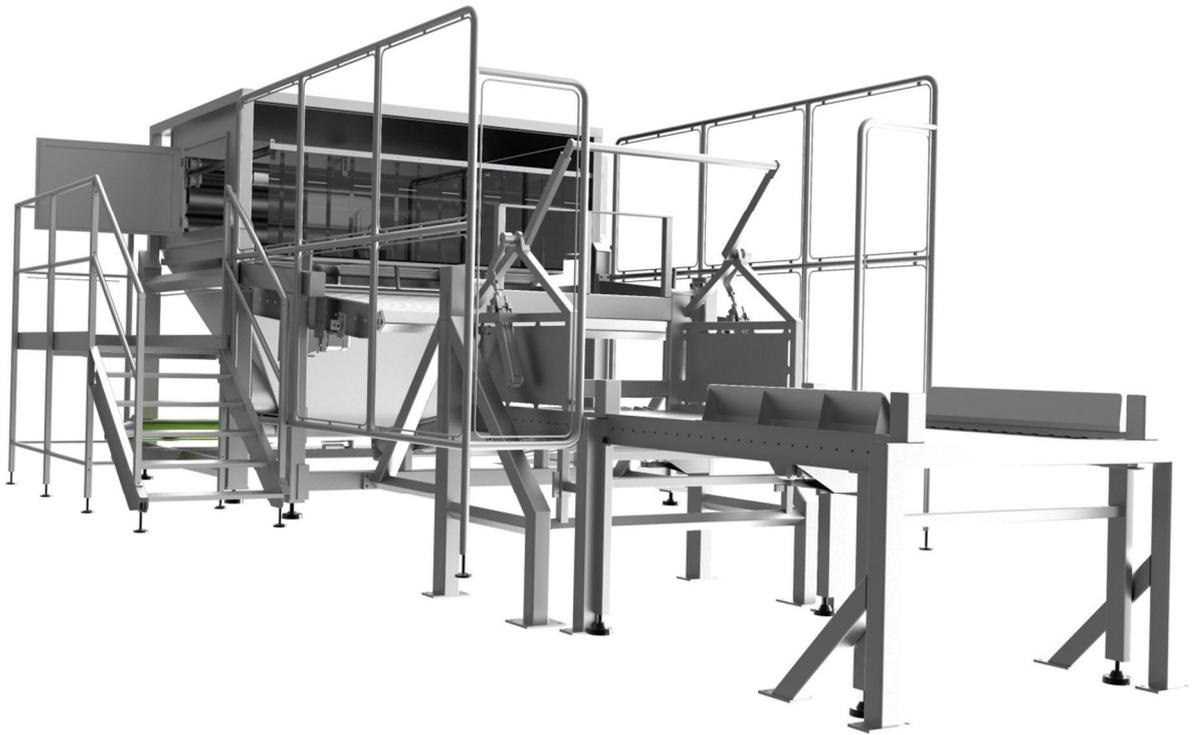




Fluidor Equipment B.V. | Fluid, Drum & Containerhandling

TOTE BIN DUMPER PASTE Ltd.



Note: Machine is still to be manufactured, drawing above is subject to changes

DESCRIPTION

The Tote Bin Dumper Paste Ltd has been designed for an efficient handling of up to 1200 litre boxes or tote bins and 200 l drums, containing aseptically packed viscous products like tomato paste CB and HB (up to 32° brix) with a maximum viscosity of 25.000 cP.

This machine is fully automatic, prior to loading the covers of the boxes need to be removed.

The boxes are placed on the roller conveyor section for infeed into tilting chair.

The boxes will be automatically lifted and emptied, the aseptic bag falls on a roller conveyor for transport towards the squeezer.

The squeezer automatically grabs the bag and pulls the bag over the product hopper.

During that travel the bag is automatically cut open, this allows the product to fall into the product hopper where it is discharged by an integrated positive displacement pump. The bag is squeezed by a heavy duty squeezer, reducing the product loss to a bare minimum (< 0,1%). The squeezer is engineered such a way that the spouts do not have to be removed up front.

It is also possible with this machine to empty two 200 l drums per cycle, however in semi-automatic mode.

EXECUTION

- Stainless steel AISI 316 for product related components, other AISI 304. except some standard trade components.

CAPACITY

- Depending on drum infeed & product: up to 10 tote bins or up to 25 drums per hour
- Pump capacity up to 12 m³ product per hour.
- Counter pressure max. 12 bar.

TECHNICAL DATA

- Length overall : 7.600 mm.
- Width overall : 4.500 mm.
- Height overall : 3.000 mm.
- Platform height : 1.050 mm.
- Total weight : 8.000 kg.
- Installed power : 25 Kw.

BOX AND DRUM SPECIFICATION

- Dimensions drums :Width: from Ø480 to Ø630 mm
Height: from 810 to 1.000 mm
- Max Dimensions Box :Width: 1.250mm Length: 1.400mm Height:1.250mm
- Max lifting weight Box :1500 kg
- Material Box : wood, steel or plastic.

EXAMPLE LAYOUT WITH POSSIBLE PROCESS OPTIONS

