

BAGMASTER TF III

Filling big bags.

IBC's filling system for big bags is available in several basic versions with a wide range of accessories, to make it adaptable for all customer needs. All machine systems are designed with high quality and accessibility. IBC has extensive experience in handling bulk products and offers custom-tailored powder handling equipment. The Bagmaster systems are designed for a modern and ergonomic working environment.

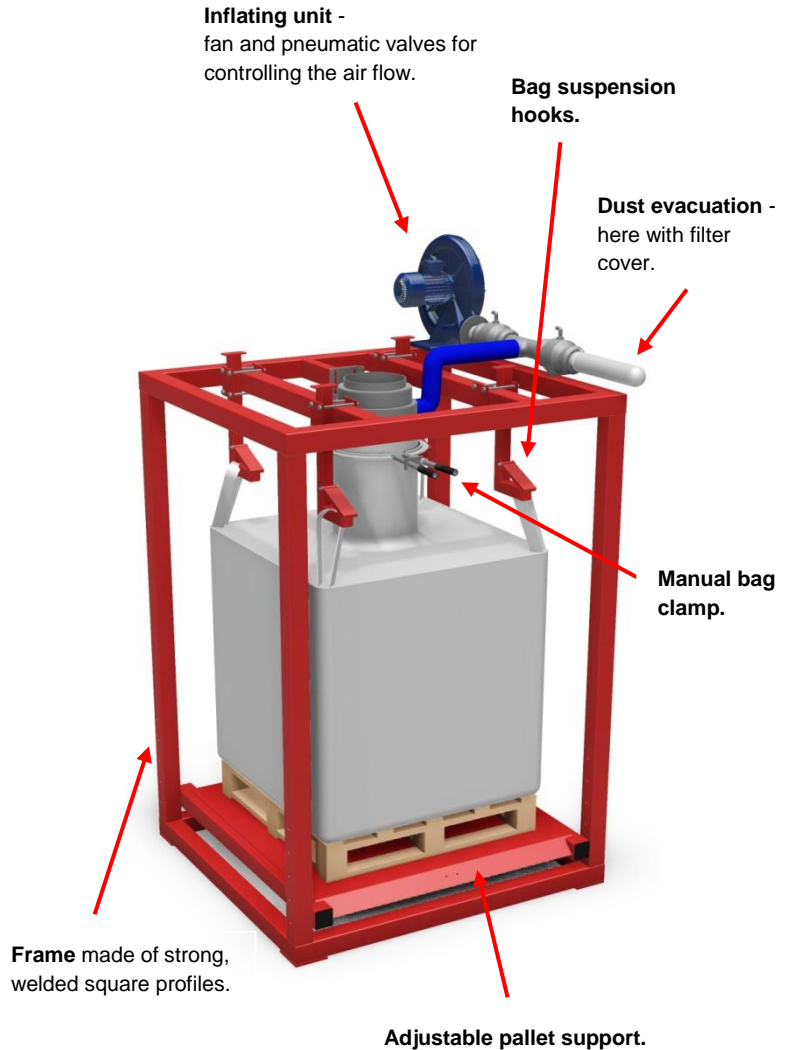
TF III is the big bag filler for bags with 1, 2 and 4 loops. The TF, short for Tube Filler, constitutes a flexible bag filler that meets most requirements.

The flexibility of this bag filler allows it to be adapted to handle fluidized materials and material with other difficult characteristics. If the bag height allows it, no operator platform is required, which simplifies the work for the operator and saves space in confined areas. With the sealed filling system, a dust-free and ergonomic environment is created for the operator.

The big bag filler can be supplied in various models, from the simple basic model **TF III BASIC** with a capacity of 15-25 bags/h, to a more advanced facility **TF III ADVANCED** with high capacity. IBC can also offer the **TF III TWIN** and **TF III TELESCOPIC**.

The bag filler is available in standard steel, stainless steel, with ATEX classification, food grade, etc.

The **TF III BASIC** is a very flexible machine that can be adapted to almost any need. The model includes the following basic components.



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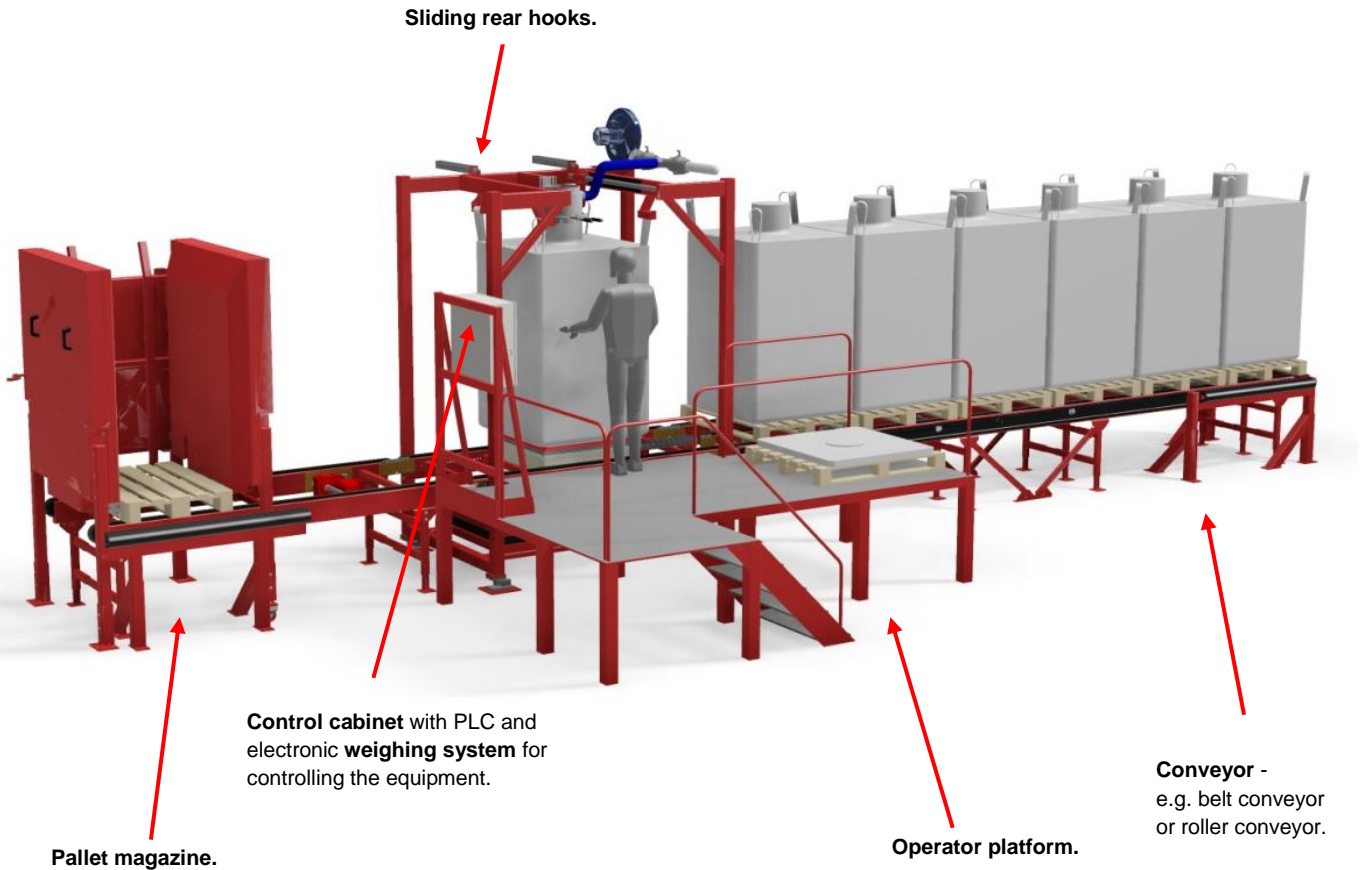
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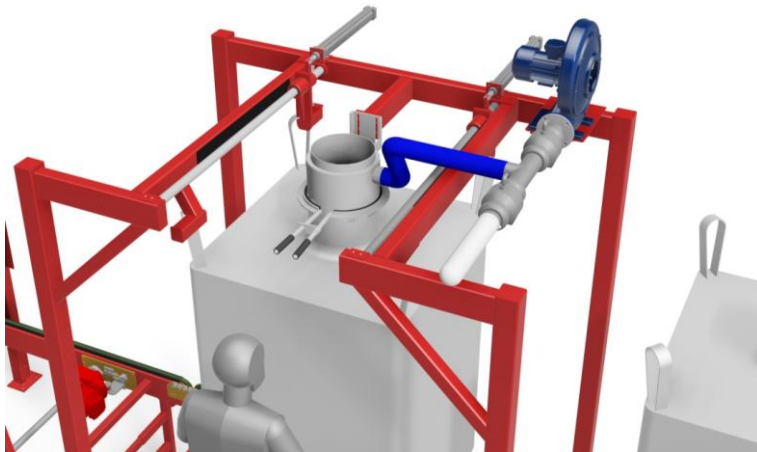
POWDER HANDLING
LIFTING EQUIPMENT

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TF III ADVANCED



Detailed view - Sliding rear hooks for improved ergonomics.



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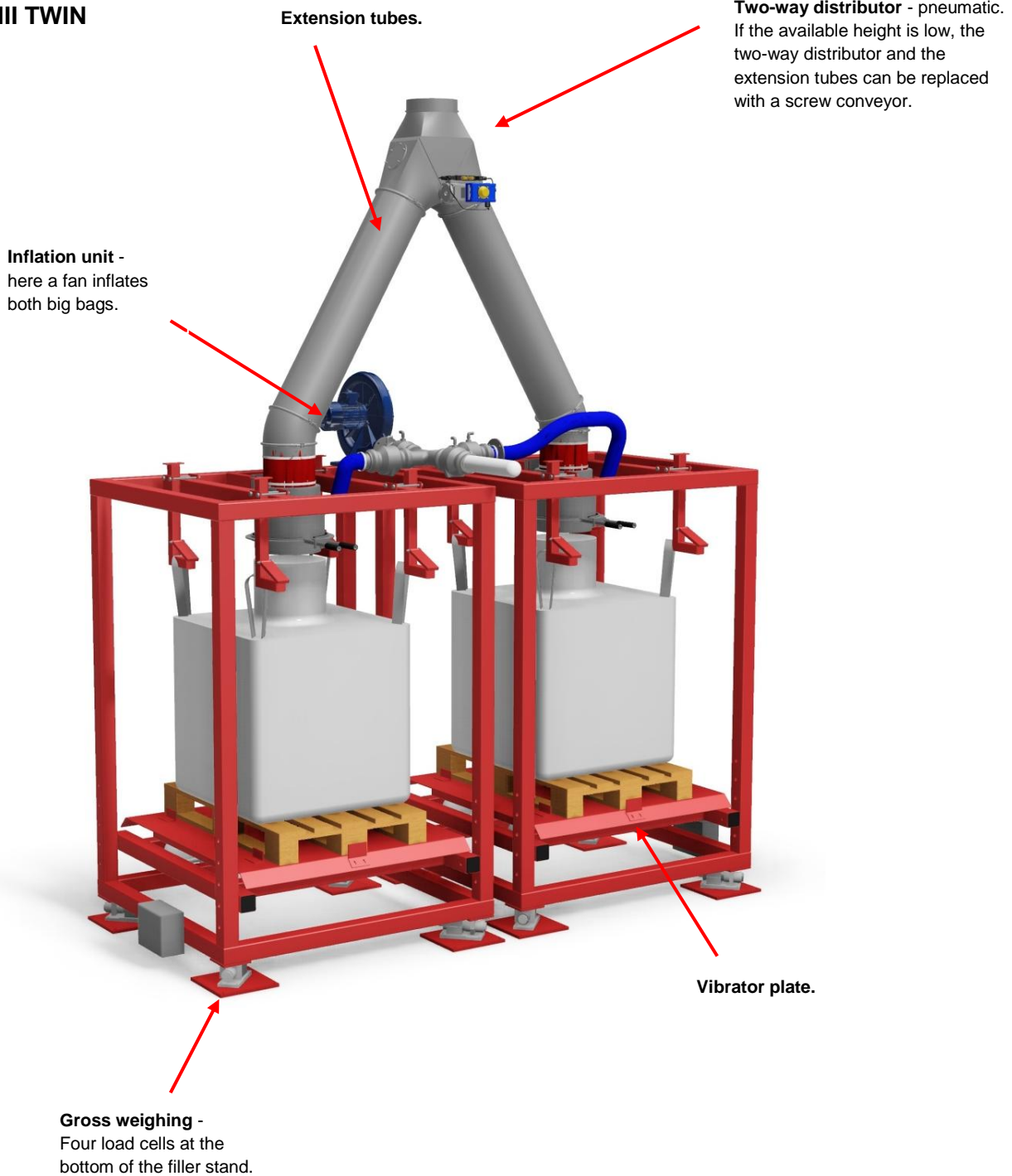


POWDER HANDLING
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The TF III is available in various designs to match the handled material and production setting. The **TF III TWIN** and **TF III TELESCOPIC** are examples of special-purpose machines.

TF III TWIN



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TF III TELESCOPIC

This big bag filler can also be used for single-loop bags. In this case, it is advantageous to use a telescoping filling tube to stabilise the filling process.



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Examples of accessories for BAGMASTER TF III



Manual bag clamp

Basic clamping device that is mounted on the filling tube for dust-free filling.



Inflatable air bellow

A fast and convenient solution for dust-free filling. After activation on the control panel, the bellow inflates and seals the inlet spout preventing the material from escaping.



Filter system

Filters are used extensively wherever powders are handled. The choice of filter system depends on the application.



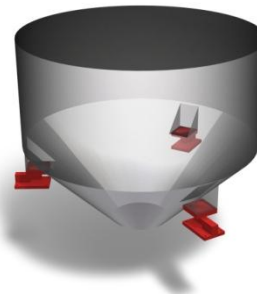
Dosage valve

Pneumatically controlled and available as sliding or butterfly valve for rough and fine dosing.



Gross weighing

Weighing system with four load cells. For gross weighing, the material is weighed when it enters the big bag.



Net weighing

Weighing system with three load cells. For net weighing, the weight of the material is determined in a weighing container before the filling station. One advantage of net weighing is that the capacity is higher than for gross weighing.



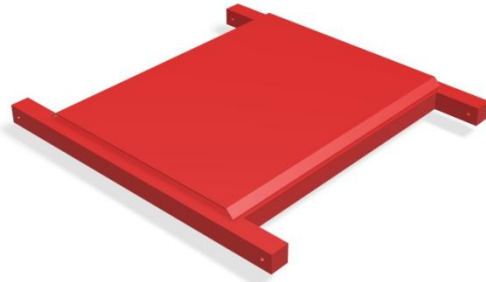
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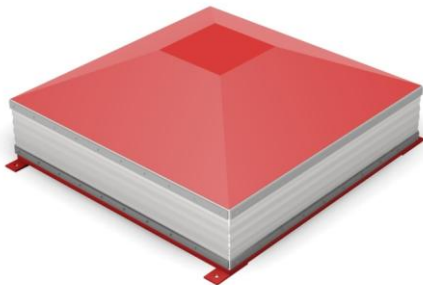
Lifting table

Used to unhook the big bags. Placed at the bottom of the big bag filler. The lifting table is especially suitable for accumulation conveyors.



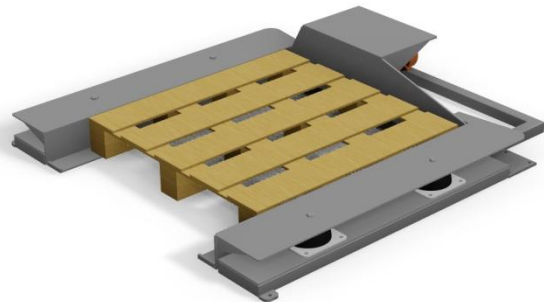
Vibrator plate

The vibrator plate consists of a plate, vibrators and attenuators mounted in bottom support of the big bag filler. The support should be adjusted so it meets the bottom of the bag and vibrates the material during filling.



Conical vibrator table

When filling fluidizing and otherwise hard-to-fill materials, the machine is equipped with a high-efficiency vibrator table, which is mounted in the lower part of the machine. The vibrator table compresses and compacts the material in the bag during the filling process to offer a more stable bag and an even top angle.



Low-profile vibrator table

U-shaped with four mounting anchors in the floor. Adapted to the pallet size. The table is mounted at the lower part of the machine and the operator places the pallet in the low-profile vibrator table. Equipped with twin vibrators for directional material movement. The pallet can be set off and picked up with a pallet truck.

Examples of equipment that IBC offers for all filling systems

• Screw conveyor • Vacuum conveyor • Pressure conveyor • Vibration feeder • Rotary valve • Level guard • Metal detector • Sampler • Marking of big bags • Buffer container

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