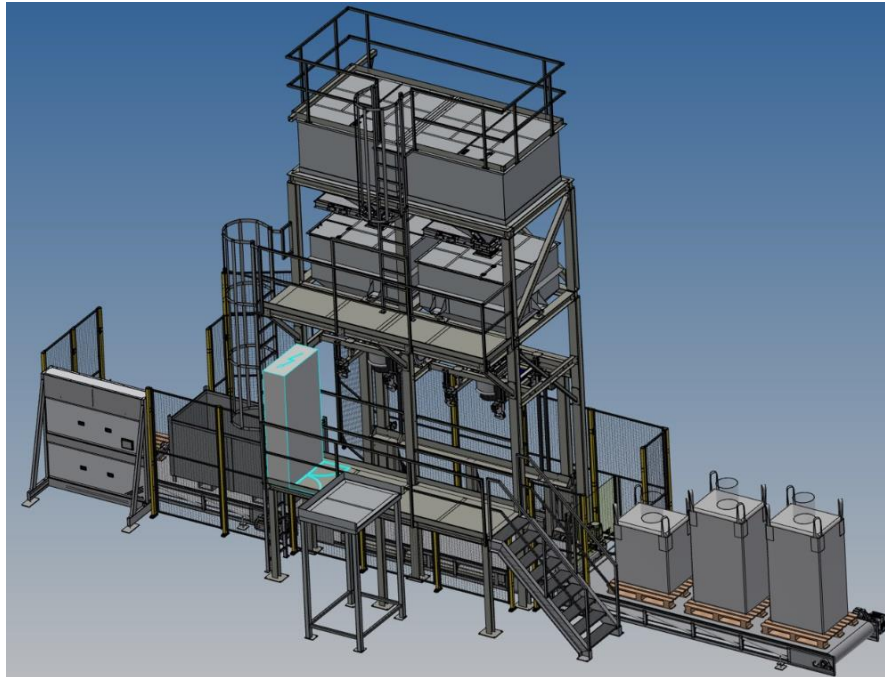


Big-Bag Filling Systems



Big-Bag Filling Systems

High-performance net big bag filling system type BB-N-2 (up to 40 t/h)



Illustration

High-capacity twin net big bag and box filling system for the hermetically separated filling of chemically treated and non-treated seeds

Bulk goods

- Dry and free flowing bulk materials of all kinds

Capacity

- Up to 40 big bags / hour in 2-man operation (1 operator, 1 forklift driver)

Big bags

- 1- and / or 4-loop big bags with capacity up to 1.000 kg
- Boxes (with optional box loading station)

Standard version

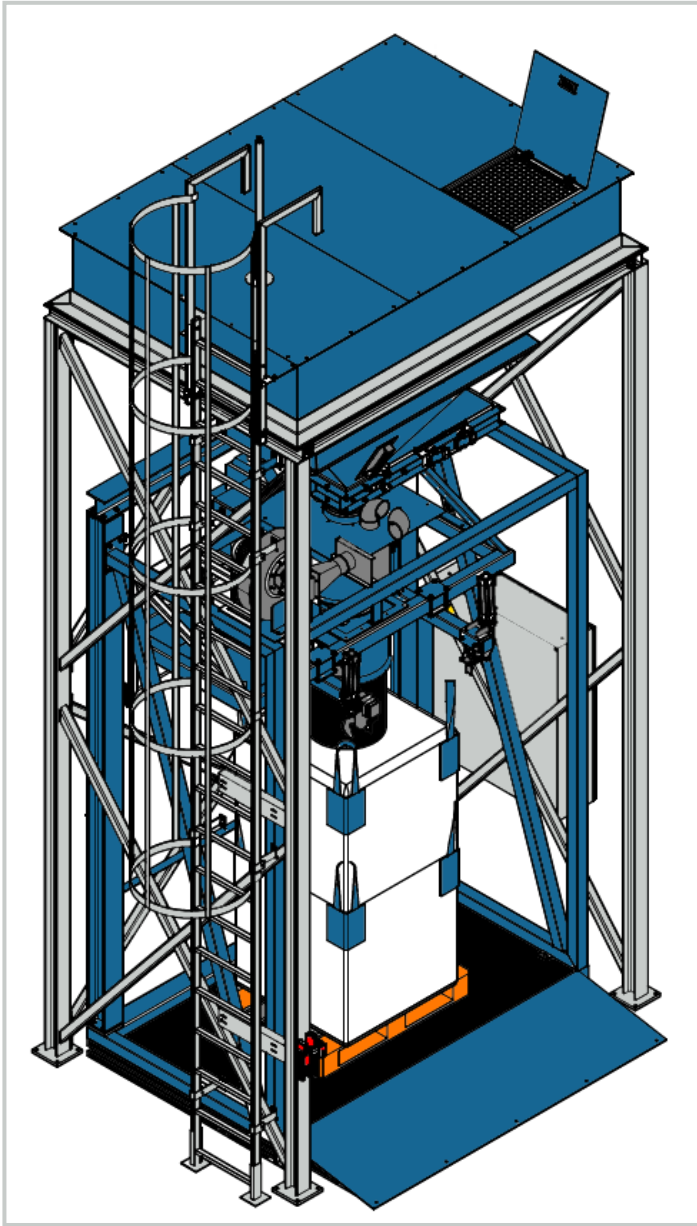
- Solid base frame for feeding and weighing hopper as well as the filling unit
- Filling unit with inflation sleeve, pneumatically operated loop hooks, big bag inflation system and aspiration connections for dust-free operation
- Stacking device for short 500 kg bags (2 bags on top of each other)
- Calibratable, fully automatic net weighing via weighing hopper on load cells
- Automation: switch cabinet with PLC control for the entire filling process, including visualization and the option to exchange data with a higher-level control system
- Operating platforms, conveyors (roller conveyors / conveyor belts) for big bag removal
- Safety equipment (sensors, light barriers, safety fences)

Accessories / Options

- **Vacuum and CO₂ / nitrogen gassing system for big bags** to prevent insect and fungal infestation
- Box loading station
- Automatic empty pallet magazine
- Conveyors for product feeding (elevators, continuous bucket elevators, conveyor belts, etc.)
- Aspiration system

Big-Bag Filling Systems

High-performance gross big bag filling system type BB-B (up to 25 t/h)



Bulk goods

- Dry and free flowing bulk materials of all kinds

Capacity

- Up to 25 bags / hour in 1-man operation
(= operator and forklift driver)

Big bags

- 1- and / or 4-loop big bags with capacity up to 1.000 kg
- Boxes

Standard version

- Solid base frame for feeding hopper
- Inner frame with integrated rails for filling unit
- Filling unit with inflation sleeve, pneumatically operated loop hooks, big bag inflation system and aspiration connections for dust-free operation
- Automatic height adjustment of the filling unit for stacking short 500 kg bags (2 bags on top of each other)
- Calibratable, fully automatic gross weighing via platform scale
- Automation: control cabinet for PLC control and Siemens SIWAREX weighing system, incl. visualization and the option to exchange data with a higher-level control system
- Safety equipment (sensors, light barriers, safety fences)

Accessories / Options

- Vacuum and CO₂ / nitrogen gassing system for big bags to prevent insect and fungal infestation
- Double filling version for the hermetically separated filling of chemically treated and non-treated seeds
- Conveyors for product feeding (elevators, continuous bucket elevators, conveyor belts, etc.)
- Aspiration system

Interested in semi-automatic / manual solutions? Contact us for more information!

Big-Bag Filling Systems

Combinated system for semi-automatic bagging and big bag filling



- Feeding hopper in individual design
- Net bulk scale type 50 with calibratable weighing range from 10,00 – 50,00 kg
- Switch and control cabinet with main and function switches and complete weighing electronics for operation as bagging scale SWA + SWT
- Capacity: up to 15 t/h (300 x 50 kg)
- Pneumatically or manually operated 2-way-valve for switching to bagging or big bag filling
- Big bag filling for 1- or 4-loop big bags with a capacity of up to 1,000 kg
- Filling spout with pneumatically actuated, time-controlled bag clamp
- Aspiration spout for dust-free operation
- Capacity: up to 15 big bags / hour
- Bagging device for cross bottom bags with 20 - 50 kg (filling weight adjustable)
- Bagging spout with pneumatically operated, time-controlled bag clamp
- Aspiration spout for dust-free operation
- Capacity: up to 300 bags / hour
- Bag conveyor belt with lateral guide rails and foot switch control
- 2 bag position switches: 1 at the sewing position, 1 at belt end position
- Sewing position with manual sewing machine incl. spring tension suspension
- Lateral roller conveyor at the end of the conveyor belt for bag removal

Accessories / Options

- **Vacuum and CO2 / nitrogen gassing system for big bags** to prevent insect and fungal infestation
- Vacuum lifter for ergonomic palletizing
- Semi-automatic sewing line instead of a manual sewing machine
- Conveyors for product feeding (elevators, continuous bucket elevators, conveyor belts, etc.)
- Aspiration system