FIBC SERIES

FIBC-N

Net Weighing FIBC Filling System

Pre-weighed discharge for coordinated industrial bulk bag filling.



CAPACITY	BAG WEIGHT	BAG HANDLING
Up to 60 bags/hour	**500–1500 kg**	**Manual hanging**

Product Overview



Material is pre-weighed in a weighing hopper before being discharged into the FIBC. This configuration is suitable for applications requiring a higher filling rhythm and coordinated bag handling.

CAPACITY

Up to 60 bags/hour

APPLICATION RANGE

Citric acid • Animal feed • Food / feed additives • Fertilizer • Plastic pellets • Mixed bulk materials

BAG MATERIALS

FIBC bulk bags

Four core advantages

01 Net weighing

Material is pre-weighed in a separate hopper before discharge into the FIBC.

02 500–1500 kg filling

Designed for industrial bulk bags with configurable bag support and filling control.

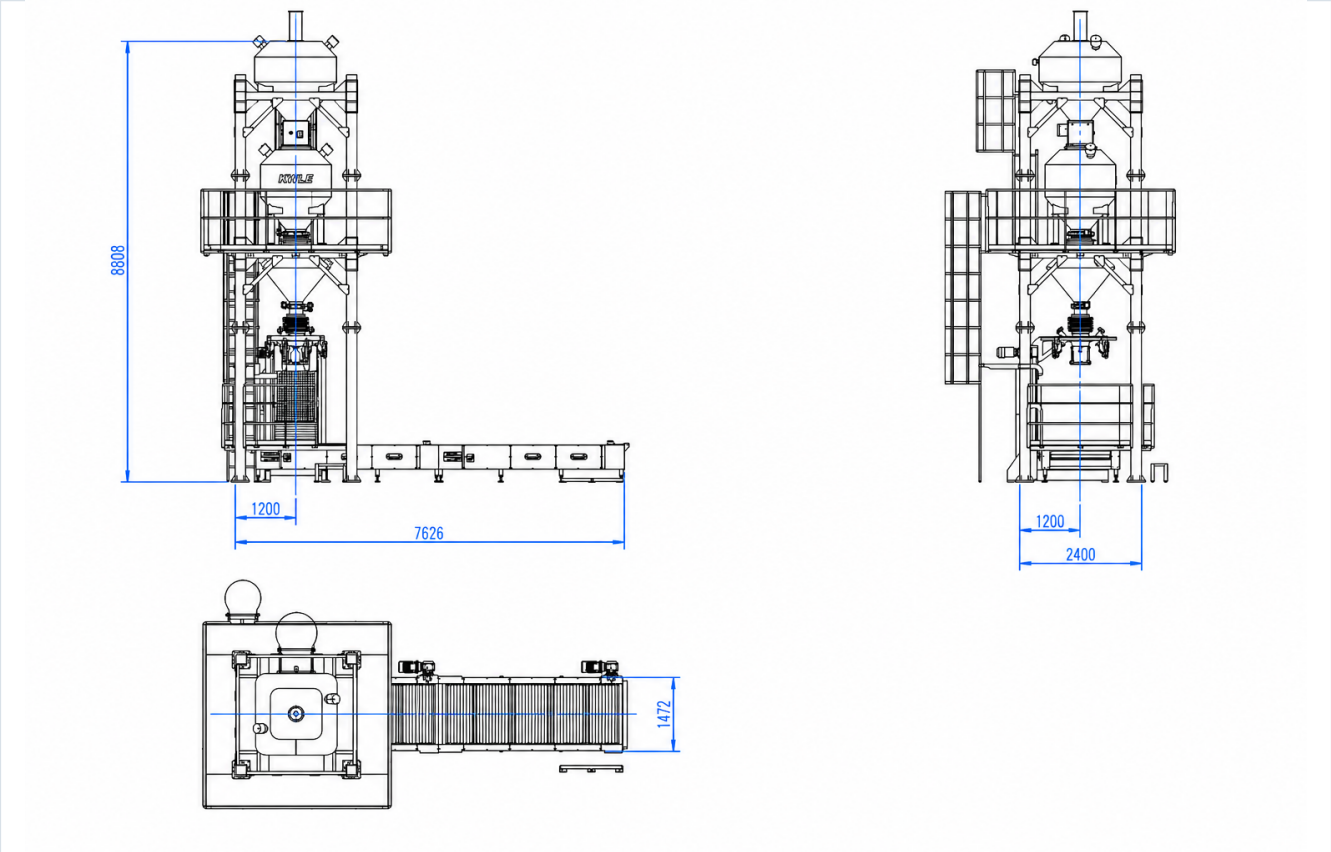
03 Material-specific filling

Feeding, dust collection, deaeration and densification are selected for the material.

04 Line integration

Interfaces support upstream feeding, pallet handling and downstream conveying.

Typical Configuration Dimensions



Technical specifications

CAPACITY
Up to 60 bags/hour

WEIGHING METHOD
Net weighing

FILLING OPERATION
Semi-automatic

FEEDING METHOD
Project-specific

FILLING WEIGHT RANGE
500–1500 kg

CONTROL SYSTEM
PLC-based with weighing interface

BAG TYPE
FIBC bulk bags

BAG DIMENSIONS (W × D × H)
< 1200 × 1200 × 1400 mm

BAG HANDLING
Manual bag hanging

POWER SUPPLY
380/400V, 3PH, 50Hz (other voltages available)

AIR SUPPLY
5.5–6 bar compressed air

Configuration & support

Optional configurations

- Densification / vibration / deaeration
- Bag inflation / shaping
- Full stainless steel construction
- Dust collection connection
- Pallet and conveyor handling
- Coding / labeling interface

Main component configuration

A separate net weighing hopper pre-weighs material before discharge through the filling spout into the FIBC. Feeding and filled-bag handling arrangements are selected for the material and site layout.

Service support

KWLE provides technical consultation, installation guidance, commissioning support, operator training, spare parts supply, remote troubleshooting and long-term maintenance support.

Line integration

FIBC-N can be integrated with upstream feeding, pallet handling, roller conveyors and downstream material handling equipment according to project requirements.

Configuration & performance disclaimer

Actual filling capacity depends on material characteristics, filling weight, feeding arrangement, bag handling and operating conditions. Weighing accuracy requires engineering confirmation. Equipment dimensions follow the supplied model-specific drawing.

Wuxi Kaiwei Logistics Equipment Co., Ltd.

Email: yifan.kong@kwle.com Tel: 13043659767 Website: www.kwle.com