Cement Big Bag
Filling process

CEMENT FILLING STATION – suspended fill

It is designed for the filling of 1 loop FIBCs. With addition of a special frame it can also be used for the filling of 4 loop FIBCs. It is suitable for all instable products, e.g. cement, fly ash and other light powderous products.

Description

The filling machine is composed of the following parts:

- **a) mechanical parts**
  - top flange for connection to product supply hopper
  - manual valve to stop filling manually
  - electro/pneum. valve, controlled by the weighing system
  - flexible rubber connection part
  - filling chute with rubber ball closing valve
  - load hook
  - 1 set of 2 transport hooks

- **b) electrical parts**
  - loadcell 0-2000 kg
  - electrical panel completely wired and ready for connection
  - digital weight indicator

Options:

1. connection for dust extraction
2. fan for pre-blowing
3. special frame for suspension and filling of 4 loop bags

Characteristics

Filling rate 60-90 t/h into 1500 kg bags. The actual rate depends on the local conditions (number of fork lift trucks at disposal for pick-up of the filled bags, distance between filling station and storage place, etc.).
Filling

Double filling station with dust extraction
Filling with 1 loop bags
1-loop FIBC

For the export of FIBCs the 1-loop bag for a load of 1500 kg has become the favourite type of packaging. It is easy to handle by fork lift truck or crane. It can be supplied in any size and in different designs, tailored to customers’ product requirements. It is fitted with an innerliner, pre-blown in our production site so that there is no need of pre-blowing at the filling station. In that way the formation of dust is low.

**Liners**

We can supply liners in following qualities, coex or monofilm
- standard PE (up to 65°C filling temperature),
- HDPE (up to 120°C filling temperature) and
- PP (up to 150°C filling temperature)
Filling with 1 loop Big Bags

- 1 loop big bag with square sewn-in bottom
- 1 loop big bag with star bottom
Filling with 1 loop Big Bags

1 loop Big Bag with discharging spout

1 loop Big Bag with round bottom
Filling of 1 loop with special transport hooks
Filling with 4 loop Big Bags
4-loop FIBC

Also we can supply 4-loop big bags in any size and design according to customers’ requirements (with filling and discharging spouts, closed bottom, standard liner or bottle-shaped).
Handling with forklift trucks
Handling with crane
Handling with crane