

Bulkflo Weigh Feeding Systems

The Guttridge **Bulkflo** is a large, 400litre capacity, mobile loading hopper with an integral screw elevator. It is manufactured in stainless steel and designed for use in the Foods, Chemicals and Pharmaceuticals Industries.

The loading hopper has a horizontal discharge screw with an end feed into the elevating screw.

Easy-release conveyor tubing and slip-fit screw sections allow the machine to be quickly dismantled for cleaning between batches.

To provide weight measurement a weigh controller and load cells are fitted as optional extras, these can be configured in several different ways to provide features as follows.

Loss-in-Weight Systems

The hopper is filled with a single ingredient and the weigh controller runs the Bulkflo until the loss in measured weight matches a previously entered value. **Ideal** for feeding a mixer or processing vessel with an accurate quantity of product to fulfil recipe needs. Level alarms can be set to warn when re-filling is required.

Measured Weight Systems

The empty machine is tared and the ingredients added one at a time whilst monitoring the weight readout to ensure the correct quantity of each is added. The set of ingredients is then conveyed or elevated into a mixer or process vessel. Level alarms can be set to assist in the filling operation and also to signify a low level during discharge.

Benefits –

- Quick & easy to dismantle for cleaning between batches
- Weigh controller can be easily re-configured to suit changes in requirements
- Robust, long life solid screw systems with minimal spares requirements
- Optional dust hood
- Optional check sieve

Ideal - for handling salt, sugar, flour, starch, cornflour, cocoa, coffee, milk powder, herbs, spices, colourings, dyes, pvc, melamine, talc and many other products.

Note. We operate a flexible policy on machine specification and customers can mix 'n' match all options across different machines to suit individual preferences and needs.

