The Batch Feed System is designed to provide a way to dispense a metered amount of product in bulk, such as 200 liter batch tubs, into a MULTI-FILL filling machine. It is flexible and can meter out products like cooked rice, couscous, cooked short pastas, various fruits and vegetables, refrigerated salads, cereals, and many other products at an output up to 3,900 pounds per hour depending on the nature of the product.

The configuration of the 80.5 gallon, or 300 liter, hopper and rams (discharge system) prevents bridging and sticking of the product. This allows large quantities to be placed into the hopper with minimal monitoring to avoid blockages.

A self-contained Allen Bradley programmable controller, which controls all functions of the feeder, comes standard with the system.

The batch feeder can be fed by a vertical post dumper, conveyor, or chute from a second floor or high platform (supplied by the customer).

The system is manufactured to USDA, FDA, CE, NEMA 4X-IP66 standards. The parts in contact with the product are made from 316 stainless steel or food grade plastic materials.

When used with a MULTI-FILL filling machine, the Batch Feed System deposits the right amount of product onto the belt. It speeds up and slows with the filler as the whole line increases or decreases in speed, controlling the amount of product deposited onto the belt. A product level sensor positioned above the conveyor belt detects the level of product in the conveyor hopper.

Benefits of adding a Batch Feed System include:

- Reduction in problems such as tunneling and damage to the product that are common with augers or conveyors and other bulk product transport devices
- First in, first out product flow through the Batch Feed System
- Automatic flow, no adjustments required
- Easy-to-clean design with lift-out parts and swing-away safety covers. Major components remain attached in position during cleaning. No tools required for disassembly/reassembly.

- Quick release components and captured guards for easy access, maintenance, and cleaning
- The Batch Feed System can be mounted directly on the frame of the MULTI-FILL filling machine. It swings away from the conveyor bed/hopper for cleaning.
- It is also available as a stand-alone version. It can be used with a MULTI-FILL filler or any other type of conveying systems.
- The Batch Feed System can be retrofitted to older MPFSC-120 and MPFSH-075 models
Batch Feed System

Stand-alone version in filling position

Integrated batch feeder and filler shown in cleaning position

Batch Feed System feeding the conveyor belt of the filler (shown without the safety guard)