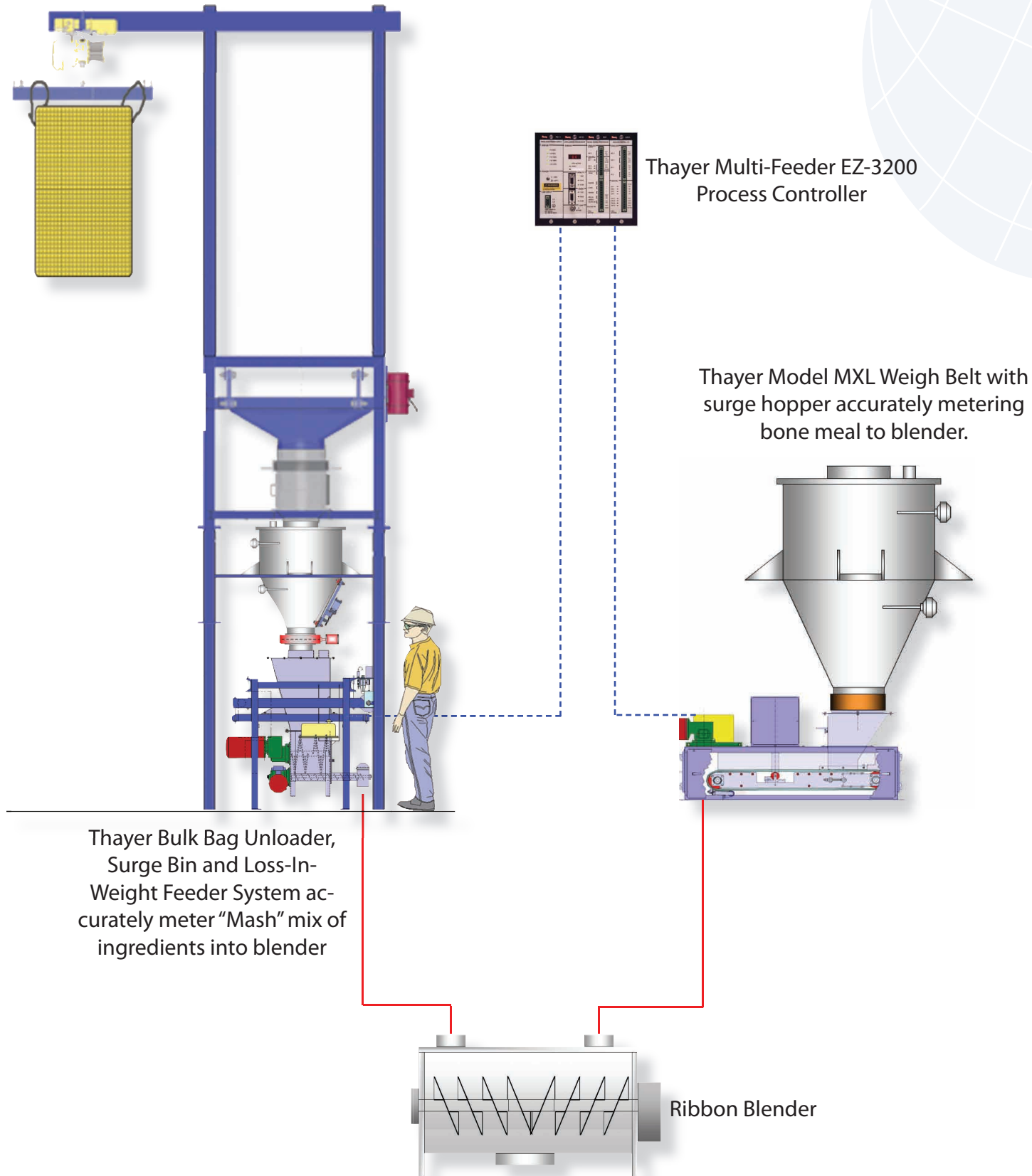


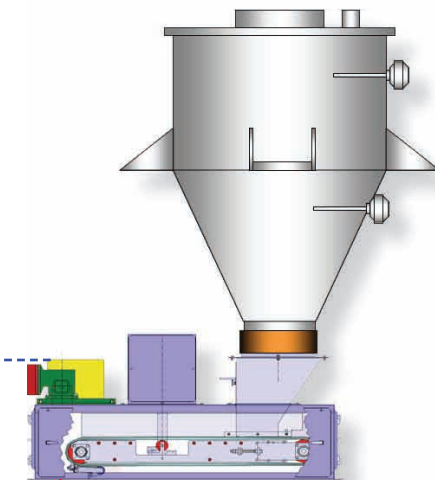
Innovative ideas from... THAYER SCALE



Thayer Bulk Bag Unloader, Surge Bin and Loss-In-Weight Feeder System accurately meter "Mash" mix of ingredients into blender

Thayer Multi-Feeder EZ-3200 Process Controller

Thayer Model MXL Weigh Belt with surge hopper accurately metering bone meal to blender.



Ribbon Blender

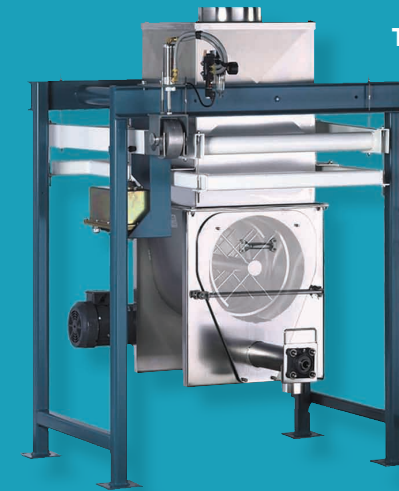
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DRY PET FOOD APPLICATION



Thayer Scale Loss-In-Weight feeders are designed to provide precision class accuracy and repeatability even in the harshest of industrial environments. They range in capacity from grams per minute to tons per hour.

These are the most versatile feeders in the industry. At the heart of each Loss-In-Weight Feeder is a THAYER scale that has been designed exclusively for the stringent requirements of Loss-In-Weight feeding.

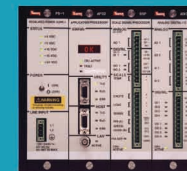
Thayer Scale offers a powerful set of proprietary add-on accessories that are designed to defeat the problematic flow issues encountered by industry such as bridging, flushing, adhesion and cohesion. Comprehensive process solutions that can only come from a company with over fifty years



Thayer Scale's Model MXL is a widely recognized general purpose low capacity weigh belt designed to operate accurately and reliably in harsh industrial environments with minimal maintenance. It can be used with an open loop drive to gravimetrically measure the flow of material, or with closed loop control to operate as a feeder and regulate the flow to a constant or dynamic setpoint.

Its unique suspension scale design counterbalances the dead weight of its rugged weighing members so that the scale "senses" only the net material load for higher accuracy weighments. This compliments its overall construction and makes it a high performance and durable industrial machine. The combination of modular components coupled with dimensions and ratings that are tailored to each application provide customized weighing solutions. Designed for ease of maintenance and simple to field re-rate to adapt to future capacity changes.

When connected to the Thayer family of instrumentation it can be consistently and accurately calibrated and the measurement can be presented to operators and supervisory controls seamlessly through a variety of standard industrial interfaces. The instrumentation can control the flow of materials as a master feeder or as a slave proportioning its feed rate to some other master signal.



The Thayer EZ 3200 is a multi-processor controller specifically designed for weigh feeder applications. It consists of a family of modules that can be combined in many ways to suit a variety of applications. The control is performed by general purpose and special software running on the EZ-3200 modules and communicating over a Local Area Network (LAN) to provide many possible configurations for local and distributed systems.



The basic EZ 3200 consists of a card cage (rack) with a Power Supply (PS-2) and an Application Processor module (AP32HS) which can support several other plug in modules. An essential module for each weighing device is the Scale Signal Processor (SSP). In addition to the circuitry for energizing and reading the scale transducer, it provides a limited amount of I/O to accommodate a single application. General purpose I/O modules can be installed to provide additional input and output signals of various types.

The EZ-3200 Operator Interface

Provides an easy to use operator interface for the EZ-3200 series of instruments. It is used to calibrate, control, monitor and perform diagnostics routines on any device in the module rack.