



CP - Continuous Processor

Cereal Bar Case Study

Application:

Evenly disperse berries, rice crisps, seeds, nuts, and syrup *continuously* to form the center layer of a cereal bar.

Challenge:

Generate the correct level of *mixing intensity* to *fully coat* the food components with syrup, *without breaking* or smearing the extremely delicate ingredients.

Process Conditions:

43% - Syrup - preheated
11.4% - Fruit
45.6% - Dry Ingredients
140°F Jacket Temp - Constant
50 rpm Shaft Speed

Features and Benefits:

-  **Shorter Cycle Time**
-  **Customized Paddle Arrangement**
-  **Fewer Process Steps**
-  **Less Waste**
-  **Product Consistency**

Solution:

The **flexibility** of the Continuous Processors paddle arrangement, along with **several** ingredient **feed inlets**, allows for **separate mixing areas** within the mixing chamber. In this case, a **high intensity mixing section** in the front of the machine to mix the syrup, and a **low intensity mixing section** near the end of the machine allows large fragile inclusions to be mixed into the syrup **without being damaged**.

Benefits:

Continuous Processing **eliminates batch to batch variations** with cereal bar production, reduces labor and gains valuable floor space. The CP's **totally enclosed** construction greatly improves production cleanliness and facilitates efficient cleanup.



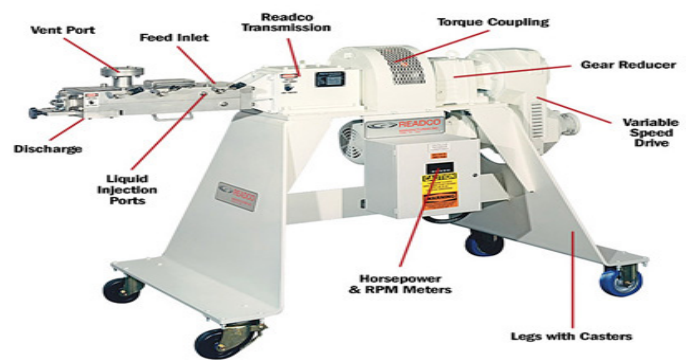


READCO
KURIMOTO, LLC



Rental Program

2" Diameter Continuous Processor Rental



Readco Kurimoto, LLC operates a rental program where you can rent a machine and install it into your facility for detailed evaluation. This will allow you to continue the important development work necessary to prove that the Continuous Processor will perform as promised.

This program allows you the opportunity to fine tune the system specifically to your application and needs.

Pilot Plant



Readco Kurimoto, LLC has a full scale Pilot Plant at their York, PA facility. Typically in one to three days of testing, feasibility can be proven and the machine can be configured to suit your specific production and mixing needs.

We demonstrate our machines in a fully equipped test laboratory, which includes Continuous Processors, pumps, feeders, temperature control equipment, and other ancillary equipment.

Continuous Mixing. Continuous Expertise.

Welcome to Readco Kurimoto, LLC. For over 100 years we have been at the forefront of industrial mixing technology.

Readco Kurimoto, LLC supplies Continuous Mixers to the Food, Chemical, and Pharmaceutical industries for the continuous production of products.

Readco also manufactures Dry Powder Blending equipment used in the Cosmetic, Pigment, Food, and Pharmaceutical Industries.

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