

# BatchMATE®



## **BatchMATE® - your micro ingredient hand-add station.**

Minimize the time and effort it takes to accurately store lot numbers and weigh ingredients on the plant floor.

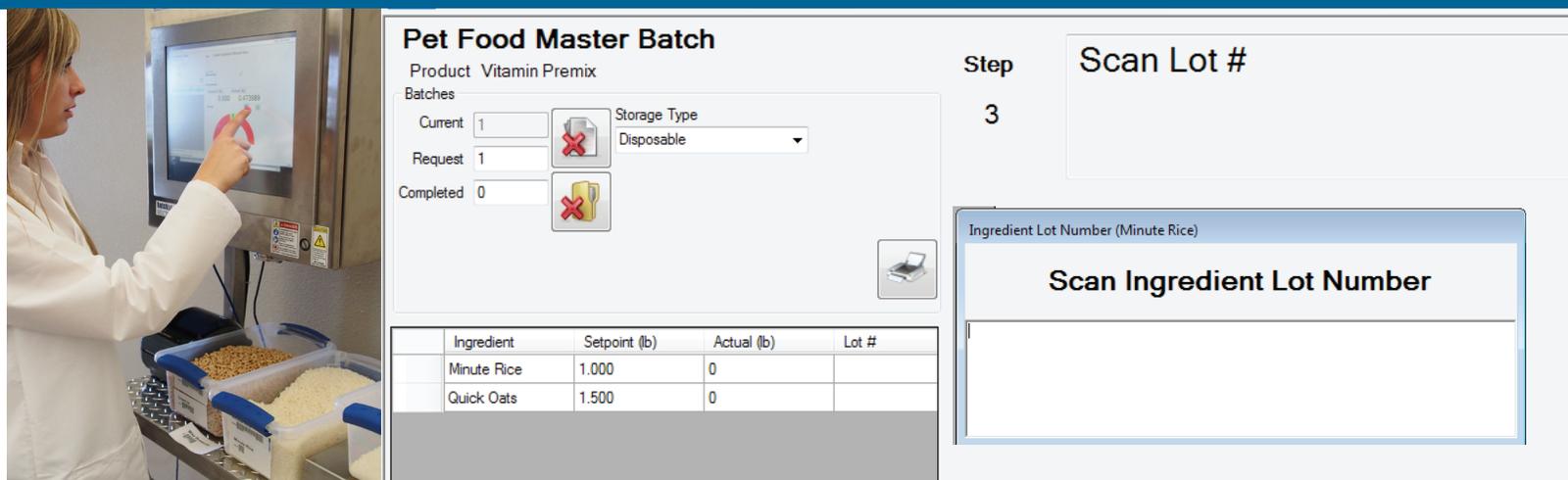
**NorthWind**®  
Technical Services

# Automating your hand batching process

With BatchMATE®, minimize the time and effort of accurately storing lot numbers and weighing ingredients on the plant floor.

Hand adding ingredients is a necessary but often error-prone step in the manufacturing process. The most common errors include mistakenly **recording lot numbers**, **adding the wrong ingredient** and **inaccurately scaling ingredients**. These simple mistakes cause an inconsistency in your product.

BatchMATE was designed to eliminate these errors while quickly guiding the operator through the weighment process.



## Ingredient Accuracy

BatchMATE ensures ingredient accuracy by prompting the operator to scan the ingredient's ID number. Before scaling the ingredient, the correct ID must be scanned.

## Lot Tracking

Lot numbers are scanned immediately following the ingredient. A unique code is assigned to each campaign and is printed to be placed on the campaign bucket. Prior to adding the weighment to the batch, the operator will scan the code, recording all ingredients and lot numbers in BatchLOGIX.

## Recipe Management

BatchMATE integrates with your recipe management system. When you release a campaign, BatchMATE downloads the recipe and is ready for the operator to fulfill the order.

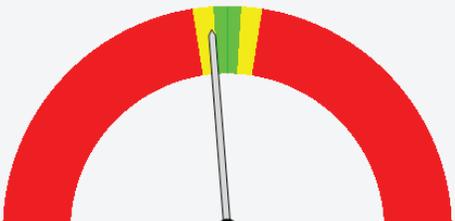
Step 5 Scale Ingredient Minute Rice

Scaling Ingredient Minute Rice ✓

070038586760

Setpoint (lb):	Actual (lb):
0.500	0.473989

Scaling



## Weighments

BatchMATE can be configured with multiple scales of different capacities and resolutions to maintain specific ingredient tolerances. This allows for versatile configurations and allows the system to encompass different sets of ingredients.

## User Login

Employees are quickly logged on by either scanning a barcode on their employee badge, entering a password or by using the RFID chip in their employee badge to connect them to BatchMATE.



## BatchLOGIX®

BatchMATE works seamlessly with BatchLOGIX allowing all of the advantages of recipe management, lot tracking, batch historian, and reporting to be interpreted across all the manual and automated equipment on the plant floor.

# PlantLOGIX™

NorthWind

The NorthWind PlantLOGIX Suite of software is a powerful tool designed to streamline and simplify factory processes, taking your plant to the next level and allowing you to get the most out of your automation system.

## AlarmLOGIX®

Data Tracking & Alarm Management Software

## BatchLOGIX®

Recipe Management & Reporting Software

## BatchMATE®

Automated Micro Ingredient Hand Batching Station

## PlantLOGIX™

NorthWind

### SECURITY

Multi-Application User Access Management Software

The NorthWind QuikLOGIX® PLC Program Configuration tool shortens and simplifies the task of writing PLC code.



### 2019 System Integrator of the Year

We are proud to announce that we have been named Control Engineering Magazine's 2019 System Integrator of the Year. This award is a tribute to the hard work and effort of the entire NorthWind Team.



Thank you for your interest in NorthWind. We are committed to helping our customers improve their process through automation & cutting edge design. For more information please call or visit us on the web at:

785.284.0080

[www.northwindts.com](http://www.northwindts.com)