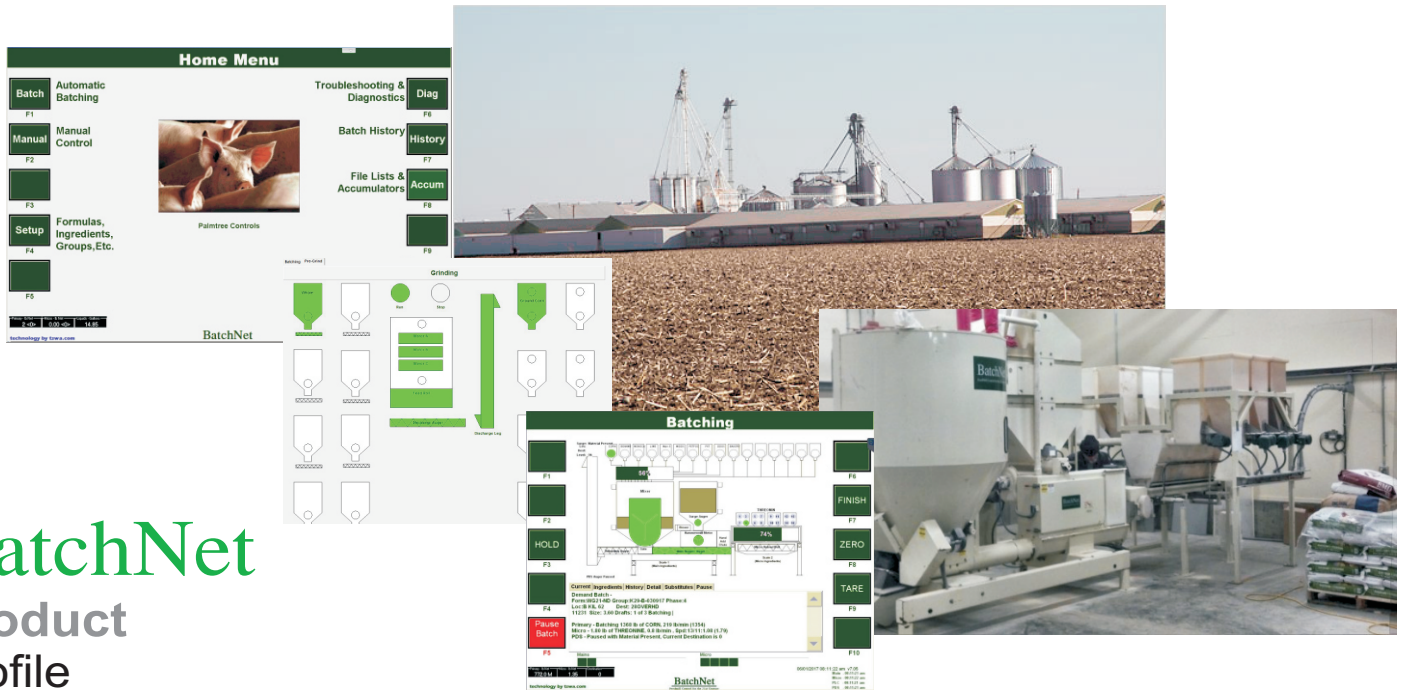# BatchNet
Product
Profile

"Multi-Scale"- Batching Control System

Easy to Configure and Operate

Manual, Semi-Auto, & Automatic
Control of Feedmill

TouchScreen User Interface

Automatic Ingredient Substitution

Multi-Scale, Mixer, & Feed Delivery Support

Automatic Multi Draft Batching

Batches Main, Micro, & Macro Ingredients
Simultaneously

Expandable to control an unlimited
number of Ingredients

Automatic Pre-Grind & Roller Mill Control

Optional data export to Accounting
and Feed Management Systems

Optionally expandable for complete
Feed Delivery System Control

Powerful Recipe Management
functionality

Built for Feedmill environment,
No "Clean-Room" required

Cell Phone based Batching Control

BatchNet   N e t w o r k   B a t c h i n g   C o n t r o l   S y s t e m

BatchNet represents the absolute latest in ingredient batching technology. The underlying goal in the development of BatchNet was to deliver the fastest, most accurate, most flexible, easiest to operate, maintain and support, batching system available anywhere.

BatchNet utilizes the most up to date technologies available to deliver ease of use, flexibility of control, and state of the art system management capability.

BatchNet's unique multi-platform system architecture allows more powerful system control than has ever been available before. The system is expandable to control a virtually unlimited number of ingredients, recipes, groups locations and destinations. The system is easily configurable to your exact requirements.

The BatchNet system is built on a fully integrated network based design, that not only allows for seamless integration and control of the individual batch system components, but also allows for an amazing array of remote control and support capabilities. System operations can be controlled, monitored, and reported on from anywhere on the Network. The system will automatically notify the owner or operator of batch progress or interruption via beacon light, e-mail, or by sending a text message to your cell phone. Remote Control, System Maintenance, and Remote Manufacturers Support can all be accomplished via the local network or the internet.

The system can be installed as a new control system with the optional motor starter cabinet, or installed right along side your existing starter cabinet to rapidly upgrade your existing controls.

BatchNet uses pre-configured direct connect multi-pin plugable I/O for direct connection to existing legacy systems.

Every effort has been made to insure that BatchNet is the premier batching control system available anywhere.

BatchNet

BatchNet **Software and Hardware Specifications**

Scale Support
Avery Weigh-Tronix Model Z-Series Network Indicators

Key System Features
Batches Mains, Micros, & Macros simultaneously

Manual Control of Total System

Allows Pre-defined series of batches to be produced

Batches Liquids based on time, weight, or flow rate

Simultaneous Pre-Grind, Mixing, & Feed Delivery while batching the next draft

Tracks material usage even during manual control

Pause and Resume functions allow Manual control of equipment during paused Automatic Batching

The mixer can continue to run while batching is paused

Hand Add Ingredients can be added at any point during the batch

Automatic Mixer optimization to avoid small final drafts

Able to split liquid ingredients to multiple entry points in the batch

Batches can be Split to Multiple Groups, Locations, or Destinations

Micro Scale Carrier Ingredient support for flushing the Micro Scale

Automatic pre-act adjustment with "Learn Mode" for startup

Formula Specific High and Low Ingredient Tolerances

"No Fault" Automatic Trim feature on Low Tolerance

Semi-Automatic Operation to run a single ingredient to target in Manual Control

Base System Supports up to 16 Mains, 16 Micros, & 16 Destinations

E-Mail, Cell Phone Text Message alerts on error, batch complete, more

Remote Operation and Status via Internet connection

PC Package Features for Remote Monitoring, SetUp and Reporting
Maintain Formulas, Groups, Recipes, Etc.

Reports in summary and detail, by Group, Location, Destination, date range and more

Data Export to Excel, CSV, PigChamp, FBS, Swinebooks, MetaFarms, & Others

Remote Monitoring of Batching Status

Inventory Tracking for Usage and Receiving

Manual Batch entry and editing to Reports and Usage

Reporting on Ingredients and Formulas designated as "Medicated Feed"

Optional System Features
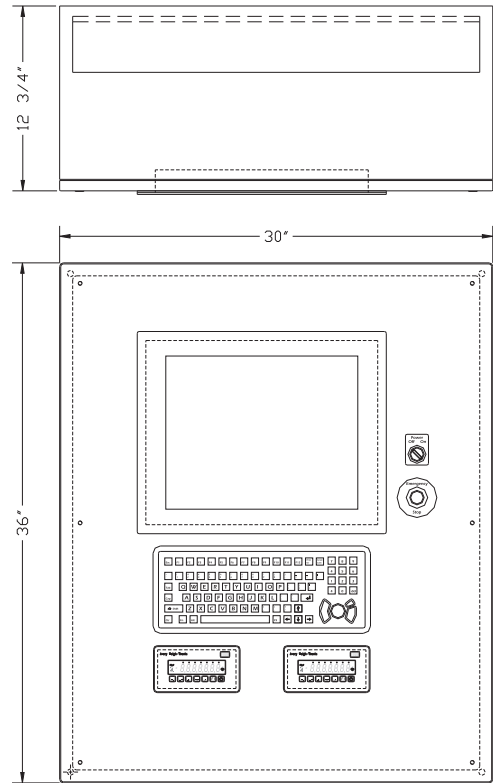Automatic Batch Delivery/Distribution control and tracking

Support for Multiple Mixers

Electrical Connector compatibility with existing batch control systems

Optional Flow Meter/ Pulse Counter support for Liquid Ingredients

Pre-Grind & Roller Mill Control Module

Demand Batching

Specifications are subject to change without notice
All rights reserved.

For Sales and Support Information Contact

TSW Automation, Inc.

(615) 356-8785
sales@tswa.com
support@tswa.com
tswa.com/batchnet

technology by
tswa.com

TSW Automation, Inc. 6301 Robertson Ave. P.O. Box 91000, Nashville, TN 37209 - 615.356.8785