

Matisssoft

PELLETMILL



The pelleting system can operate one or more production lines. It can control feeding, pelleting, cooling, grinding, liquid additives, and routing of the finished product.

PELLETING SYSTEM FEATURES

This system enhances productivity and the quality of your finished product. Following are some of its features:

Interface

- Display process information

Operation mod

- Automatic
- Manual with a computer keyboard or from the existing buttons at the work stations

Formula management

- The formulas are manually updated or electronically updated in our system by your administrative system. They can be grouped together by type.

Pelletmill control:

- Each formula has its own parameters for the start-up and cruising sequences.
- The system has three optimization modes for batch production: quality, productivity, and quality & productivity.
- The system has three modes to detect blocking.

Contamination management

- Flushing function
- Incompatibility function
- Dedicated bin function
- Tracking management
- Conservation of information on pelleting batches
- Tracking system reset to zero when a bin is empty
- Conservation of bin history

Available reports

- Production Report sorted chronologically for a given period



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- Production Report sorted by operator for a given period
- Production Report sorted by finished product for a given period
- Production Report broken down in batched for a given period
- Ingredients Used Report for a given period (molasses, fat, etc.)
- Bin Activity Report
- Tracking Report
- Warning Report for a given period
- Alarm Report for a given period

Evaluation of the system's operating time

A report provides information on production time and use of the pelleting system.

AVAILABLE FEATURES

- Continuous weighing system on the fat applicator
- Application of fat at the die
- Estimation of the system's processing time

HOW IT WORKS

The formulas to be processed are automatically entered in the scheduler by the batching system during product routing to the specified source bin.

The pelletmill destination bin and production priority can also be determined by the batching system. It is also possible to manually enter a formula in the scheduler. Like with the batching system, batches can be run in autonomous or controlled mode.

To begin the pelleting process, the system must contain the following information:

- Batch quantity
- Formula
- Source bin
- Destination bin
- Operator's name



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Information can be added as needed, such as customer name, bin number, etc.

When all the necessary information has been entered, the system will start the equipment up. The system will inform the operator of the intake speed of the feed, the temperature of the feed, the accumulated tonnage, etc.



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