



**THE PERFORMIXX SILAGE FEEDER DELIVERS WITH THE
HIGHEST PRECISION AND SPEED ON THE MARKET**

SERVICE 7 DAYS/WEEK



Excellence – Reliability – Simplicity

**SERVICE TECHNIQUE LAGACÉ INC.
WWW.PERFORMIXX.CA**

SERVICE TECHNIQUE LAGACÉ INC. is the sole manufacturer of all Performixx products. We design our own circuit boards and computers. We do not use automatons therefore making our electronics 100% serviceable at minimal cost.

Performixx Manager Programming Software (optional)

Our new software product (2013) named Performixx Manager with automatic updating works on Tablets, Laptops or Windows PCs (Touchscreen optimized) can be used to create and modify cow recipes wirelessly. The software can be used offline from anywhere and changes can be sent once nearby.

A recipe can be modified and viewed in an **elegant and simple manner**. Information **for feeding curves** (increasing or decreasing) are **detailed and easy** to monitor.

Recipe and stalls can be displayed on one page for revision or printing on paper.

Software-Exclusive Features

- ✓ **Recipe templates** to apply repeated values for one or more ingredients with configuration flexible to your needs.
- ✓ Increase/decrease of an ingredient's values using ratios for an entire group of herd.
- ✓ **Name assigning** possible for each recipe and ingredient
- ✓ Keep cows ordered by name or ID
- ✓ ... And much more!

Feed Management

Distributes up to...

- 200 Recipes
- 200 Stalls
- 30 feeds per day

Feed configuration

- Increasing/decreasing curves lasting up to 99 days (individual to silo/mix of a Recipe)

Ingredient modes: Silo or TMR/Multi-mix

- 8 programmable silos or TMR/Multi-mix mixes per recipe

Multi-Mix panel

- Panel design adjusted with Performixx demands and requirements
- Synchronized modifications to percentage-based reductions/increases in dry matter

Fill modes

- Manual
- Automatic Silo
- Automatic TMR

Distribution modes

- Displacement mode with configurable variable speed (0-100%) and displacement distance (back and forth feeding) for each Stall
- Optional time-based feeding (in seconds)

Additional Features & Functions

Easy-to-read fault warnings

Fault warnings are synchronized with multi-mix panel

Displays number of completed stops during distribution

Each silo can be configured individually with the following parameters

- Positions for filling stations
- Maximum fill capacity
- Safety conveyor pending delay for fill
- Safety delay after fill before moving away (prevents spills)
- Scale quantity differential to compensate for material denseness
- Surplus quantity when filling
- Minimum content surplus for distribution to compensate slight imprecisions when close to empty
- Direction of rotation for material leveler during fill
- Speed of beater for material disentangling
- Thorough cleaning by reversing beater direction during feeding of final stalls
- Additional delay to ensure emptying completely
- Empty feeder contents to
 - ◆ one/multiple/all stalls
 - ◆ a set location and distance

Mechanical Characteristics

- Installs on H-Beam or Round tracks
- Main track up to 2000ft with two secondary tracks up to 1000 ft each
- Four 6VDC 220A Gel batteries
- Guaranteed 10 hours of continuous feed per day
- Battery charger: 24VDC 25A with smart charging for prolonged battery life
- No block keys for stops in distribution (allows for easy changes to stall configurations)
- 3-phase brushless 24VDC motors
 - ◆ ½ HP Drive Motor
 - ◆ ¾ HP Beater Motor
 - ◆ ¾ HP Discharge conveyor Motor
- Empty weight: 1150lbs
- Capacity: 50 ft³ of matter (150-450kg depending on density of loaded matter)
- Automatic unjamming of beaters and discharge conveyor
- Automatic retry of movement when blocked/stuck (up to 3 times)
- Automatic stop on contact with bumper and resumes on release

Viewing Parts

Compact Performixx feeder control. Starts all motors. Reads encoder, level sensors and track measure directly ***Performixx Exclusive***

No relays or automatons as our competitors do



High-precision encoder system
Performixx Exclusive

2 Encoder wheels (One on each side) for increased tension and reliability in curves

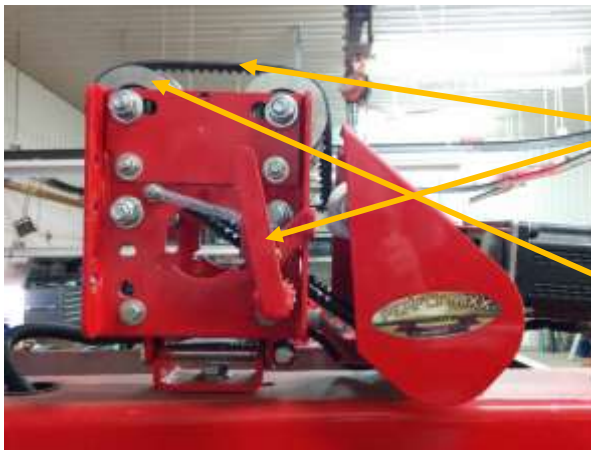


Sensors confirming key points of interests such as fill stations, parking, derailment, etc. and are capable of functioning in extremely low temperatures

Safety bumpers at both extremities

Performixx Exclusive

Non-monocoque robust steel feeder chassis unlike our competitors



Releasable drive using a toothed belt

Drive wheel with integrated alignment grooves

Protective door for avoiding collision damage to computer.

Performixx Exclusive

No vulnerable screen or buttons as our competitors do

Mechanical hold to keep door open when using computer

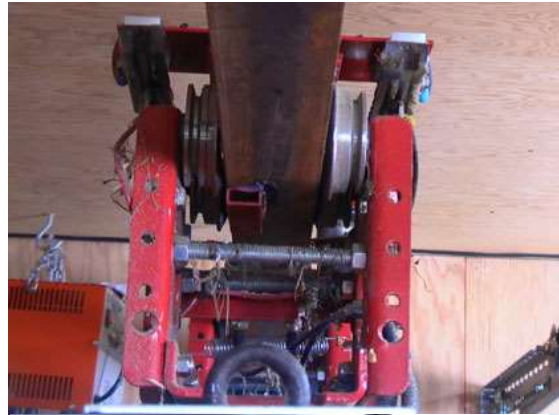




Internal scale with load cell to maintain excellent precision of content weight used for the logic of various functions

Parking with smart battery charger for prolonged battery life

4 6VDC 220A gel batteries conveniently located for easy maintenance/troubleshooting





Specialized automatic track-switching system compatible with multiple machines

Slanted interior with calibrated conveyor deck for consistent distribution





Leveler with rotation
configurable for each silo to
distribute product evenly

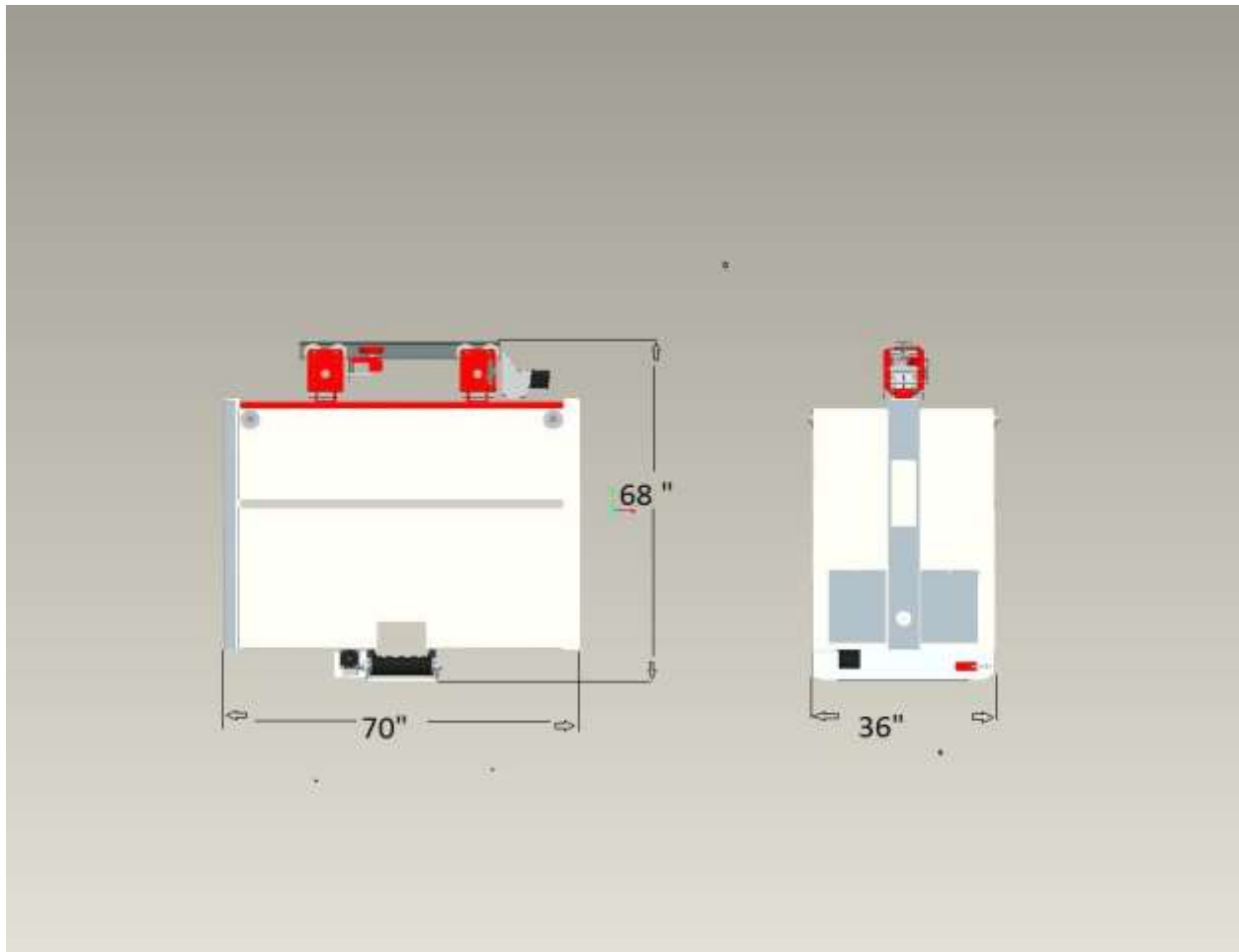


Disentangling beaters with
configurable speed for each
silo

DIMENSIONS

The Performixx silage feeder was designed with the mindset of providing the most content space possible while being compact for compatibility with the majority of barns.

A high containment volume of 50 ft³ along with the ability to refill as many times as needed during a feed makes the Performixx Silage Feeder virtually dimensionless.



Performixx Growth Information

The designer has over 25 years of experience in the field of agriculture automation. Service Technique Lagacé Inc. has 2 programmers and designers for electronic circuits and 2 full-time assemblers. Family succession and a team of reliable subcontractors are always available to you.

Performixx products have been tested and improved since 2003

S.T. Lagacé Inc.'s automatic silage feeder is an unquestionable improvement to past methods of distributing silage material. We proudly present a fully customizable machine with the construction and computer specifically and exclusively designed for Performixx feeders. They will greatly facilitate the task and improve the management and profitability of your business.



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We work for you

Your dealer:

Warranty: Performixx offers a 1 year warranty on manufacturing defects and 2 years on electronic components. Unauthorized modifications done on the feeder will void the warranty. The manufacturer offers no other warranty, expressed or implied, including without limitations, any warranties as to which products are merchantable quality or that they are fit for any purpose. Note: The manufacturer reserves the right to make changes in design or assembly of the equipment without notice.