NEXT GENERATION OF TANK CONTROL

Meet Genovus



Future dairy production requires more than reliable equipment. It requires systems that understand production, adapt in real time and help farmers stay one step ahead.

By combining smart cleaning, adaptive cooling and predictive monitoring, Genovus creates a new level of control over milk tank operation. Through continuous analysis of real-time sensor data, the system optimizes cooling, cleaning and overall tank performance to support more stable and efficient dairy production.

The result is milk handling that is more stable, resource-efficient and predictable.

Genovus helps dairy producers optimize every liter of milk.

-30%
Up to 30% lower water consumption

-30%
Up to 30% lower detergent use

100%
Designed for dairy farm conditions

365
Days of operational insight and remote access

A NEW CONTROL SYSTEM, DESIGNED FOR THE NEXT DECADE

Smarter control, better insight and greater peace of mind

For a dairy farmer, every liter of milk matters — and reliable cooling is essential to protect both quality and value. Genovus is developed to make milk tank operation smarter, more efficient and easier to manage in everyday farm life.

By intelligently coordinating cooling, cleaning and system operation, Genovus continuously adapts to real operating conditions and helps maintain stable performance throughout the entire milk handling process. While the system takes care of the tank operation in the background, farmers can focus on what matters most — the herd and the daily operation.

Built for modern dairy farms, Genovus combines intelligent control, operational reliability and connected monitoring in one robust control unit.



Smart cooling

Adaptive cooling technology allows Genovus to maintain efficient and stable operation while reducing energy consumption and unnecessary system wear.

Smart cleaning

Smart cleaning technology continuously optimizes cleaning cycles to reduce resource consumption while maintaining efficient and reliable cleaning results.

Cloud connectivity

Connected monitoring continuously provides realtime operational data and alarm notifications via push messages and email to support proactive operation, faster response times and greater peace of mind.

HOW IT WORKS

Smarter control for modern dairy farms

01 Measures everything, all the time

Genovus continuously monitors temperature, milk volume, cleaning performance and overall system operation.

02 Optimizes every cleaning cycle

Water, hot water, detergent dosage and circulation times are automatically optimized based on real-time operating conditions. Conductivity and flow sensors help minimize water, energy and detergent usage while maintaining reliable cleaning results.

03 Adapts cooling to actual demand

Cooling performance is continuously adjusted according to milk volume, milk temperature and current tank conditions.

04 Protects milk quality and equipment

Adaptive agitation and intelligent compressor control help maintain stable milk quality while reducing unnecessary system wear.

05 Monitors and alerts proactively

Real-time monitoring, connected alarms and operational history help identify deviations early and support preventive maintenance.

06 Built for real farm conditions

Dairy farms are demanding environments where humidity, electrical disturbances, fluctuating power loads and power interruptions can affect sensitive equipment.

Genovus is designed with a robust system architecture that ensures stable operation even under these conditions.

DISCOVER GENOVUS

The Genovus packages

Choose the Genovus package that best fits your operation. From intelligent tank control and monitoring to advanced sensors, connected services and enhanced process optimization, Genovus offers a scalable platform for modern dairy farms.

GENOVUS STANDARD PACKAGE

Essential intelligent tank control and monitoring.

- Intelligent control of cooling, agitation and system monitoring
- Integrated UPS functionality for stable 12V power supply
- RPM control for gentle milk handling
- Dual milk temperature sensors
- Ethernet connection for remote support and software updates
- Robust and reliable tank control platform

GENOVUS PREMIUM PACKAGE

Advanced sensors and deeper operational insight.

Includes everything in the Standard Package, plus:

- Conductivity sensor for cleaning verification
- Flow sensor for cleaning process monitoring
- Pre-cooling temperature sensor
- Extended sensor integration
- Enhanced process monitoring and optimization

OPTIONAL ITEMS

Extend functionality with connected services and additional sensors.

- Volume sensor
- MTM cloud connectivity and remote monitoring
- Milk transfer system
- Tank Guard with separate temperature sensor
- Outlet sensor





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