Process Manufacturing ERP Suite for Pet Food Processors

Built natively on Acumatica's leading cloud business platform, the AI-enabled Process Manufacturing Suite gives pet food processors innovative tools to streamline production, boost sales, and simplify compliance. Manage recipe-driven batch manufacturing with cradle-to-grave lot traceability and no-code business analytics. The holistic solution provides financial, inventory, order management, sourcing, and quality controls—all within one scalable platform designed for growth.

Key business benefits

- Streamline operations and reduce manual processes
- Accelerate product innovation and nutritional improvements
- Balance inventory of proteins, grains, supplements, and packaging
- Scale up production across multiple pet food lines
- Ensure compliance with AAFCO, FDA, and FEDIAF regulations
- Respond quickly to evolving consumer preferences
- Make informed decisions with real-time data

Related resources

- Formulas to Fulfillment Modernizing Your Pet Food Operations > LEARN MORE

Boost Sales, Simplify Regulatory Compliance, and Thrill Customers with a Modern Business Management Platform

Acumatica's Process Manufacturing Suite helps pet food manufacturers improve profits, maximize resources, and reduce costs. Natively built and fully integrated into the Acumatica Cloud platform, this suite allows you to manage and coordinate all core business, supply chain, and production processes in a single, unified ERP system.

The solution is designed specifically for industries like pet food manufacturing that require recipe-based production, lot traceability, quality control, and strict compliance. Extend your system with native field service, commerce, and project accounting to streamline activities with role-based dashboards and robust security.

Key Capabilities for Pet Food Manufacturers:

- Manage batch production, including by-products like off-cuts or secondary meals.
- Protect proprietary recipes for specialty diets and formulas
- Create and manage multiple formulas and packaging variations
- Dynamically adjust ingredients to meet nutritional targets
- Restrict production to materials that pass QC
- Analyze yield, costs, and loss percentage
- Generate AAFCO-compliant labeling and reporting
- Track losses at the ingredient, process, or packaging level
- Maintain approval workflows and version control

"The fact that Acumatica offers an unlimited user license was important to us a company that's looking to grow because it allows us to expand without having to contact the vendor and renegotiate for new users. We can just keep the business moving."

– Steve Cates, Former President, Ray Allen Manufacturing

> CUSTOMER STORIES

Formulation

Define and manage pet food formulas using weight/volume percentages or specific units for precise nutrition control.

Process BOM / Recipe

Manage scalable bills of material to define recipes for intermediate goods, packaging configurations, and batch sizes unique to pet food types (e.g., dry, canned, freeze-dried).

Lot Tracking and Attributes

Track every lot of protein, vitamin, or additive from receiving through production, shipping, or recall. Leverage lot attributes to locate and segregate inventory based on user-defined variants, such as expiration dates, allergens, or other criteria.

Weighing Sheet & Batch Record

Ensure accurate staging and weighing of ingredients for consistency across pet food batches.

By-Products & Consumables

Accurately record pet food by-products and consumables like bone meal, water, and packaging film.

Quality Management

Use the built-in QMS to manage testing at all production stages and comply with pet safety standards.

Batch Sizing

Adjust batches based on nutritional specs, ingredient constraints, or production requirements.

Super Batch

Produce different pack sizes (e.g., 4lb, 10lb, 30lb bags) from the same formula in one go.

Reporting & Analytics

Generate real-time, role-based dashboards, inquiries, and reports for production managers and supply chain stakeholders.

Costing & Comparative Analysis

Roll up costs across theoretical, tiered, and actual production for pet food formulas and intermediates.

Laboratory Module

Track and test new ingredient formulations and support the iterative development of premium blends.

UOM Conversion

Handle multiple units of measurement (lbs, oz, gallons, liters) with built-in conversion factors.

Inventory Management

Optimize raw material and finished goods inventory across locations with real-time tracking, shelf-life monitoring, and automated replenishment.

Embedded CRM

Manage every customer interaction—track leads, sales, service cases, and account activity through a single, connected platform.

Automated Purchasing

Streamline procurement with automated purchase orders, vendor contract management, and supplier performance tracking.

Omnichannel Sales Processing

Coordinate pricing, order entry, fulfillment, and invoicing across channels for improved delivery and customer experience.

Commerce Connectivity

Sync orders and inventory with your e-commerce storefronts or online marketplaces for greater accuracy and sales efficiency.

Payroll Processing

Automate payroll calculations, deductions, and compliance for hourly and salaried staff, all from within your ERP.

Fixed Asset Tracking

Track manufacturing assets, schedule maintenance, and automate depreciation for accurate asset management and compliance.

Advanced Planning & Scheduling

Plan production runs by line or machine, manage capacity, and dynamically adjust priorities to keep operations on track.

Mobile WMS

Enable staff to pick, receive, and count inventory using barcode scanning for maximum accuracy and instant updates.

AI-Driven Insights

Unlock growth and efficiency with Acumatica's built-in AI. Deliver smarter cross-sell recommendations to boost revenue, spot manufacturing cost anomalies before they impact margins, and leverage AI Studio for custom use cases and automation. Streamline payables by extracting key data from AP documents automatically for faster, more accurate processing.

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Call: 800-627-9032