

Pharmaceuticals

Unlock efficiency by outsourcing pharmaceutical manufacturing services

Streamline operations, reduce costs and accelerate growth.



leadec



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In the rapidly evolving pharmaceutical industry, where regulatory scrutiny, biotech innovations, and supply chain complexities demand precision and agility, outsourcing manufacturing services has become essential for optimizing operations, reducing costs, and accelerating drug development. Discover how outsourcing transforms pharmaceutical facilities, specifically in drug manufacturing, API production, and packaging.

Outsourcing in pharma can reduce operational costs by up to

60%

with significant savings in maintenance & compliance.

The global pharma outsourcing market is projected to grow at

7-9%

annually, driven by CDMOs and strategic partnerships.

Pharma manufacturers outsourcing facility management report

10-20%

improvements in production efficiency.

By partnering with Leadec, a global leader with over 60 years of experience offering services adaptable to pharmaceutical needs in the USA, companies can achieve enhanced regulatory compliance, risk mitigation, and innovation. This document provides actionable strategies, supported by 2025 trends and case studies, to help your pharma facility succeed.

Why outsource pharmaceutical manufacturing services?

The pharmaceutical landscape in 2025 is marked by challenges such as stringent FDA regulations, talent shortages in biotech, escalating costs, and the push for personalized medicine and sustainability. According to Deloitte's 2025 Life Sciences Outlook, 92% of pharma executives see digital advancements as critical for competitiveness, yet 65-70% face hurdles in securing skilled workers for tech, data, and maintenance roles. Outsourcing emerges as a solution, enabling firms to delegate non-core functions while focusing on drug discovery and clinical trials.

Leadec, with US operations supporting industries including potential pharma applications through over 50 locations, specializes in end-to-end factory services—from installation and automation to maintenance and technical cleaning for cleanroom environments. This whitepaper delves into outsourcing for pharma, with USA-centric data, trends, and success stories to equip decision-makers.



Key benefits of outsourcing pharmaceutical manufacturing services

Outsourcing delivers multifaceted advantages tailored to pharmaceutical manufacturing in the USA. Below, we expand on core benefits with pharma-specific implications, leveraging Leadec's services like technical cleaning, preventive maintenance, and integrated facility management (IFM).



Cost Savings



Lower Labor Costs

Leverage Leadec's specialized US teams for technical cleaning and equipment maintenance, reducing in-house labor for non-core tasks while adhering to FDA standards.

Reduced Overhead

Outsource facility management and spare parts (MRO) to Leadec, eliminating costs for cleanroom upkeep and infrastructure in US pharma plants.

Economies of Scale

Benefit from Leadec's IFM for optimized processes and bulk management, cutting expenses in API production and packaging lines.

Focus on What Matters



Core Strengths Emphasis

Concentrate on R&D for biologics and personalized medicine while Leadec handles US facility maintenance and automation.

Non-Core Task Management

Delegate logistics and technical cleaning to Leadec, freeing resources for quality assurance in pharma manufacturing.

Flexibility & Scalability



Demand Matching

Scale API or drug production with Leadec's relocation and installation support, responding to clinical trial demands without disruptions.

Adaptability

Utilize Leadec's logistics to build resilient US supply chains, addressing API shortages and regulatory changes.

Enhanced Efficiency



Process Optimization

Outsource preventive maintenance and technical facility management to Leadec, boosting efficiency and reducing downtime in cleanrooms.

Resource Allocation

Free up resources by delegating repetitive tasks like technical cleaning, enhancing productivity in drug packaging.

Risk Reduction



Supply Chain Diversification

Reduce single-source dependencies through Leadec's MRO and IFM, ensuring steady API and packaging supplies.

Compliance Management

Let Leadec handle cleanroom maintenance and inspections to minimize FDA regulatory burdens.

Faster Time-to-Market



Production Speed

Speed up timelines with Leadec's turnkey installations, enabling quicker scale-up for clinical and commercial pharma production.

Local Market Knowledge

Benefit from Leadec's tailored services in facility support that provide insights for driving growth and expansion in North America.

Leadec's comprehensive pharmaceutical Services:

Engineering & Integration

- Turnkey Conveyor Integration
- Automation Solutions
- Controls Integration

Installation & Relocation

- Equipment Installation (Mechanical & Electrical)
- Production Line Relocation

Maintenance & Optimization

- Production Equipment Maintenance
- Preventative & Predictive Maintenance
- Technical Cleaning

Facility Support & Management

- Technical Facility Management
- Integrated Facility Management (IFM)
- MRO Services (Maintenance, Repair, and Operations)

Your benefits:

- Through GMP-compliant preventive and corrective actions, Leadec leverages predictive tools to ensure equipment reliability, uphold product quality, and protect patient safety while minimizing downtime in facilities.
- Leadec's Integrated Facility Management (IFM) maintains stringent hygiene, safety, and FDA standards in pharmaceutical facilities by optimizing cleanroom environments, HVAC systems, and utilities to ensure audit-ready conditions.
- By streamlining spare parts management and equipment upkeep, Leadec's MRO services ensure production continuity and compliance in US pharma plants through efficient, tailored facility solutions.
- Leadec integrates the Internet of Things (IoT), sensors, robotics, and predictive maintenance to enhance compliance, reduce costs by up to 15%, and boost resilience in US pharmaceutical operations. minimizing audit risks and safeguarding drug quality.



Partnering with Leadec

Leadec's tailored solutions—spanning automation, maintenance, and IFM—deliver proven results: over 15% reduction in total cost of ownership and 10%+ increases in asset availability and first-run rates. With a 94% customer retention rate, Leadec ensures seamless integration and long-term success.



Learn more:

You'll find more information and insights on our [pharma manufacturing services](#) on our website.



Streamlining Assembly Line Efficiency for an Automotive OEM

Leadec’s conveyor systems improve productivity and streamline delivery



Customer Automotive OEM

Location Vance, AL

Scope of services

Leadec designed, built and installed greenfield seat & tire conveyor systems in this new assembly shop utilizing the Siemens Wave 6 control system. This project also included the design and build of separate truss mounted mezzanines to support the seat conveyors and tire conveyors, and included engineering, fabrication, electrical, mechanical, automation and project management services.

Details:

- 1,000 LF of seat conveyor
- 350 LF of tire conveyor
- 14,500 sq ft Mezzanine
- Seat & Tire Conveyor fully integrated from dock
- Unloading to lineside delivery including tire destacker and empty seat pallet stacker

Enhancing Operations Management for a Food Packaging Company

Leadec’s services ensure clients meet the highest industry standards



Customer Food Packaging Company

Location Denton, TX

Scope of services

Leadec's services encompassed comprehensive support, including assistance in preventative maintenance (PM), technical cleaning, and spare parts storage (MRO) support. These services played a pivotal role in ensuring the plant's seamless and efficient processes, aligning with the strict requirements of the food and beverage sector.

Details:

- Addressed potential issues before they became significant problems
- Complete repair and replacement of motors, pumps, and air filters
- On-site customer support
- Standardizing work processes across the 240,000 sq. ft. facility

Improving Productivity for a Home Appliance Manufacturer

Leadec’s services help reduce downtime and increase employee retention



Customer Home Appliance Manufacturer

Location Anderson, SC & Springfield, TN

Scope of services

Leadec implemented a comprehensive program, heavily focusing on preventive maintenance to reduce overdue machine repairs and excessive plant downtime. This program involved implementing a CMMS to capture machine data, developing routine PM tasks to keep everything in working order, training the maintenance team on technical skills, and delivering thorough technical cleaning services.

Details:

- 2 million sq. ft. combined facility space
- Introduced a new 200-point technical assessment plan
- Cut “time to fill” positions from more than 120 days to less than 30
- Improved asset reliability, reduced plant downtime, and increased employee technical knowledge

Refining Maintenance Strategies for an Airplane Manufacturer

Leadec’s services optimize maintenance operations and asset management



Customer Aerospace Manufacturer

Location Huntsville, AL

Scope of services

Leadec swiftly implemented targeted solutions, focusing on production support maintenance and spare parts management. They initiated the ordering and setup of spare parts inventory, both at an off-site warehouse and within the manufacturer’s CMMS, optimizing resource availability. Inventory processes were enhanced, ensuring an accurate representation of equipment assets in their CMMS.

Details:

- Innovation in action: Added an alarm system to cleaning tank systems to reduce alcohol evaporation
- Significantly reduced board washer downtime
- Established new job plans and reviewed existing ones

Partner with Leadec to reduce costs and accelerate growth.

Leadec is the leading global service specialist for factories across their entire life cycle and related infrastructure. We leverage best-in-class engineering and a global supply chain to deliver high-quality manufacturing solutions.

The company, which is headquartered in Stuttgart, Germany, employs about 22,500 people worldwide. For over 60 years Leadec has been supporting its customers along the entire production supply chain. The service provider is based at more than 350 sites, often directly at the customers' plants and facilities.

To meet our clients' changing needs, we have developed an effective, efficient and scalable business model so that we can deliver all of the support services and free our client to focus on their core mission.

Contact us today to streamline your operations.

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