

Simtra
BioPharma Solutions



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Built for what's next

Expanding to meet your needs, now and in the future

A New State-of-the-Art Facility, Enabling Capacity When You Need It

As demand for sterile injectable manufacturing continues to grow, securing the right capacity and expertise has never been more important. Simtra’s expanded Bloomington, Indiana, campus is designed to help you scale with confidence, providing flexible prefilled syringe and vial manufacturing solutions backed by deep technical expertise, proven operational excellence and support from development through commercial production.

A 153,000 ft², purpose-built manufacturing facility featuring 28,000 ft² of classified production space, engineered to support reliable, scalable production as your program advances.



Building the Digital Factories of the Future

Through our strategic partnership with [SCW.AI](#), we are integrating advanced manufacturing intelligence, real-time operational visibility and digital workflow management across our expanding operations. These technologies create a connected manufacturing ecosystem that enables faster decision-making, operational excellence and enhanced reliability.



OPERATIONAL EFFECTIVENESS

Real-time visibility into the performance of manufacturing lines enables faster issue identification and resolution, resulting in reduced downtime and better asset utilization.



OPTIMIZED WORKFLOWS

Digital work instructions help standardize and optimize workflows for complex shop-floor processes. Smart forms with drag-and-drop templates and automatic calculations help reduce human errors and increase data integrity and traceability.



PREFILLED SYRINGE FILLING CAPABILITIES

Two new prefilled syringe lines, each with Bausch + Ströbel filler and SKAN isolator, with filling speed of 700 syringes/min at 100% IPC:

- Nitrogen overlay during stoppering
- In-process syringe inspection after stoppering
- In-line automatic syringe reject station to increase batch yields
- Material transfer isolator to support uninterrupted production

VIAL FILLING CAPABILITIES

IMA XTREMA line with filling speeds of 400 vials/min for 2R and 10R vials, 280 vials/min for 30R vials, at 100% IPC:

- Line capable of handling 1-100 mL vials
- Entire line, including lyophilizer loading, under isolator
- Peristaltic and rotary piston pumps
- Dedicated cappers for liquid and lyophilization paths
- Vial washer and depyrogenation for bulk vial processing

ADVANCED LYOPHILIZATION CAPABILITIES

Three 30 m² commercial-scale LYOMAX 30 lyophilizers with ice-fog-controlled nucleation technology, helping to deliver:

- Greater batch consistency and more uniform product quality
- Faster lyophilization cycles that can help accelerate manufacturing timelines
- Reduced process variability for improved manufacturing reliability
- More predictable technology transfer and scale-up across development and commercial production

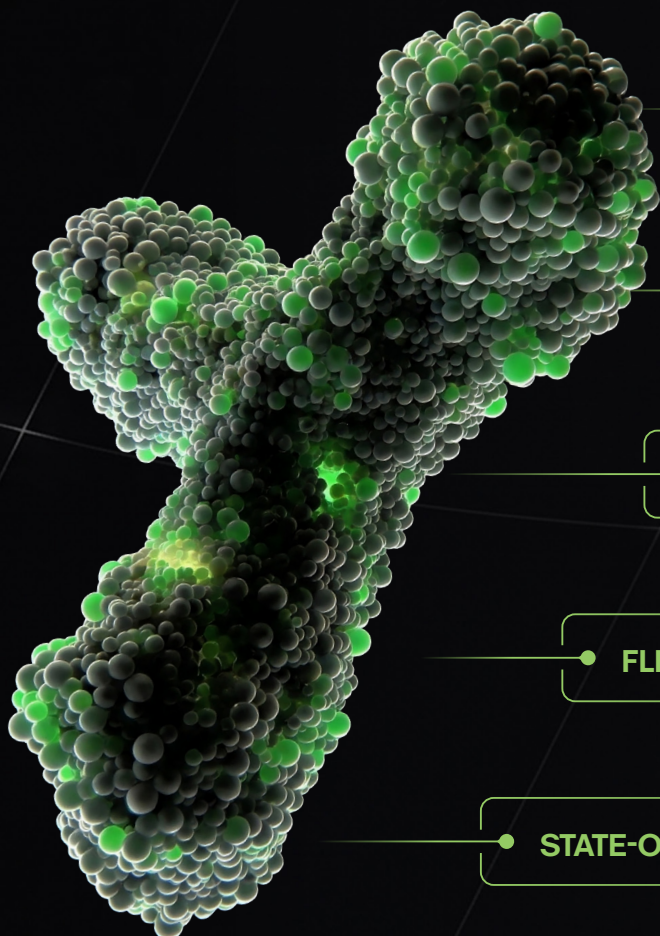
ADDITIONAL FEATURES

- Dedicated, suite-based equipment, with each suite including 1 parts washer with washdown, 2 autoclaves for clean prep and Grade C tank storage
- Dedicated formulation rooms, with 3 rooms in the prefilled syringe suite and 2 rooms in the vial suite, each room supporting 3-tank batch processing with LAF coverage over the tanks
- Unidirectional flow of materials and personnel
- Full generator and UPS backup power

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Flexible Capacity Built Around Your Program

Capacity access that enables you to move as the market demands,
with support configured to your specific molecule



• **GLOBAL** MANUFACTURING REACH

• **SCALABLE CAPACITY** BUILT FOR GROWTH

• **EXCLUSIVE EXPERTISE** IN STERILE INJECTABLES

• **FLEXIBLE**, CUSTOMER-DRIVEN SOLUTIONS

• **STATE-OF-THE-ART**, HIGH-THROUGHPUT FACILITIES

A trusted global partner for high-quality
sterile injectable manufacturing

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Scan the QR code to start
your next sterile injectable
project with Simtra.