

Modular Facilities for Life Sciences

Concept, Design and Turnkey Delivery

Exyte – plant design and construction

Exyte is a global leader in design, engineering and construction in the life sciences industry with a special expertise in controlled and regulated environments. With great teamwork our experienced specialists develop 'state-of-the-art' solutions for customers' facilities – from consulting, concept and design to full turnkey project realisation including qualification and validation.

Modular construction solutions

Exyte applies modular construction techniques when designing and constructing complex high-technology buildings and production facilities for the life sciences industry. This is beneficial to our customers as our "Modularity in Design" solutions can help to support new demands more effectively when time-to-market is a critical project driver.

Benefits of prefabrication at the assembly hall

Weather conditions during prefabrication are irrelevant
Up to 25% shorter project duration compared with traditional construction method | Time saving due to module and trade manufacturing taking place concurrently to site preparation and foundation construction | Reduced risk due to less activities on construction site | Future extension of modular facility is possible



Full Spectrum of Services



Multiple Applications

Pharmaceutical plants | Biotechnological facilities | Manufacturing units for medical devices | Hospital projects e.g. for blood banks, manufacturing pharmacies, surgery areas | Laboratories | Temporary installations

Modular Facilities for Life Sciences

GMP-Compliant Fast Track Solutions

Extensive experience in modular construction

Our international team of project experts is your reliable and experienced partner in identifying and implementing the best solutions for your specific project. The flexibility of modular facilities enables our clients to reduce time to market by rapidly responding to current demands with an affordable turnkey facility.

The prefabrication of building parts – including technical and process equipment as well as lab furniture – takes place at the assembly hall. After having been transported by ship or truck to the final destination, construction and installation is taking place within a very short time frame. The initial commissioning and GMP compliant qualification – performed by our own specially qualified staff – allows for a prompt start of production.

Expertise for your project



Design

- Concept design
- Basic design
- Detailed design
- Authority submissions



Preconstruction

- Steel construction
- Building services (HVAC)
- Cleanroom interior work
- Clean media systems
- Process equipment, lab furniture



Execution

- Installation and assembly on site
- Commissioning of the building services
- Qualification IQ/OQ compliant with cGMP/FDA/EMA



All from one source

- Layout development
- Planning and design
- Prefabrication
- Assembly and commissioning
- Qualification
- On-time implementation



Individual implementation

- Optimised room design
- Customised layouts
- Various architectural designs
- Different building sizes and heights



Time saving on site

- Short construction period for foundation work at construction site
- Short erecting phase on site including commissioning and qualification

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