



Rapid lead times as short as 5 weeks



Flexible



Scalable



Portable



X-press PODs

Expandable, express
PODs from the experts



X-press PODs are portable on-demand cleanrooms that provide a rapid, scalable, and cost-effective solution for pharmaceutical development and manufacturing. The characteristics of X-press PODs, combined with KeyPlants' in-depth expertise mean it has never been simpler to purchase and set up a facility that will match your development and manufacturing needs.



Benefits

KeyPlants' standard POD solution allows for **rapid lead times as quick as 5 weeks** from order to delivery to ensure that you receive a facility that meets your project timelines, without compromising on quality.

Our **flexible, scalable** and **portable** X-press PODs can adapt and expand to your evolving needs. Its **process technology agnostic** characteristic enables applicability across the pharmaceutical and biomanufacturing industry, and offers you the flexibility to choose your own equipment or take advantage of our capabilities in process design and equipment integration.

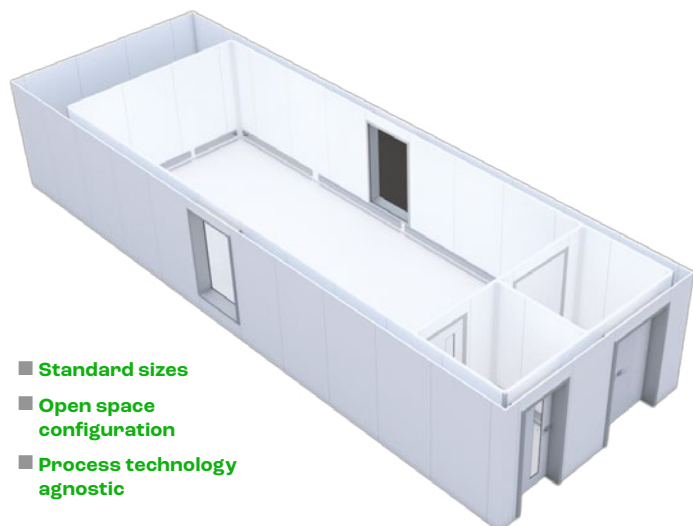


Turnkey Delivery of Operational PODs

Each POD will be installed within a shell building or warehouse, and is equipped with dedicated air handling, a building management system (BMS), fire protection, and electrical and process utility distribution.

Included in KeyPlants' integrated solution

KeyPlants standard POD
Engineering
Automation
Factory Acceptance Test (FAT)
Packing and Transport
Installation
Commissioning
Installation Qualification (IQ) and Operational Qualification (OQ)



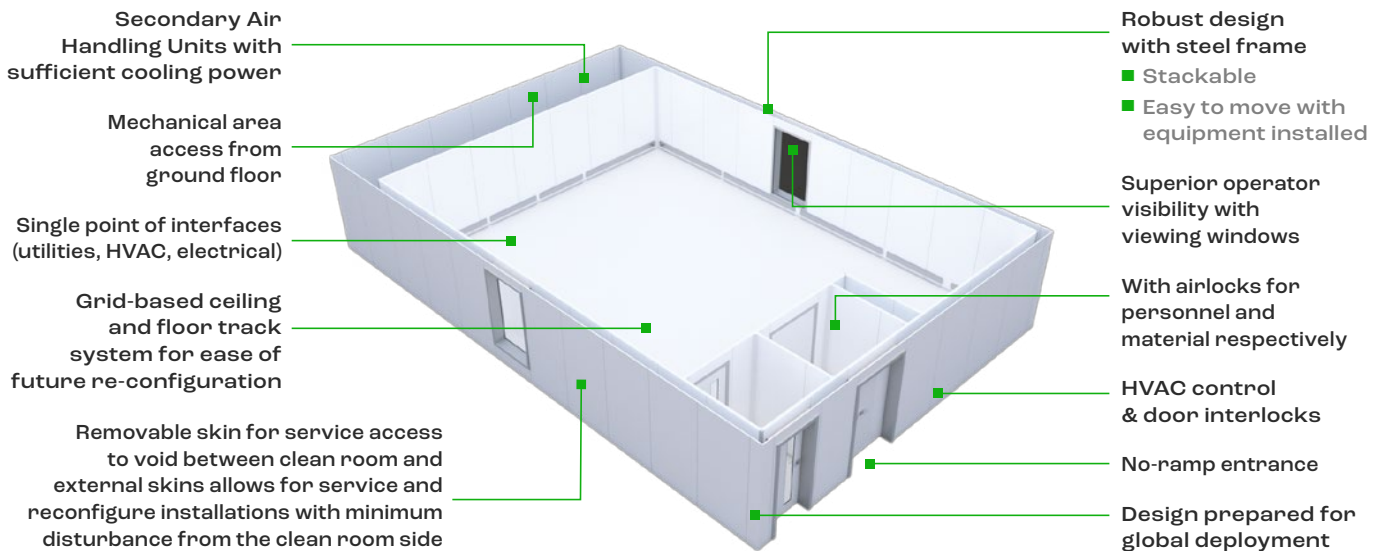
- Standard sizes
- Open space configuration
- Process technology agnostic

Our standard configurations are available to ensure you receive the solution most suited to your needs.

Number of units	Cleanroom classification	Personnel and material flow	POD size
Single unit	Grade C or D	Bidirectional	60 sqm/ 650 sqft
Double unit	Grade C or D	Bidirectional or Unidirectional	120 sqm/ 1,290 sqft
Scalable without size limitations by connecting multiple PODs			
Optional: Process integration			



Double POD configuration



Applications

Here are a few examples of pharmaceutical development and production areas that X-press PODs can be used for:

- Biologics
- Cell and Gene Therapy
- Vaccines
- Drug Conjugates
- Process Development
- Laboratories
- Research and Development
- Clinical Trial Manufacturing
- mRNA
- Vinal Vectors
- Small Scale Aseptic Filling
- Local Manufacturing



Your Solution-Orientated Partner

KeyPlants is a leading international industry partner for standardized PODs and customized process-integrated modular prefabricated facility solutions, having supplied over 4,500 high-specification modules worldwide.

We have extensive experience in successfully executing complex projects on a global scale. Additionally, we offer our customers an unmatched understanding of pharmaceutical process engineering, biomanufacturing, aseptic filling, containment, and manufacturing of APIs and oral solids. This combination makes KeyPlants your ideal partner.

We deliver high-quality modular products and tailored solutions to accelerate your project development with speed, flexibility, and predictability.

We serve a global customer base ranging from emerging biotech to big pharma.



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