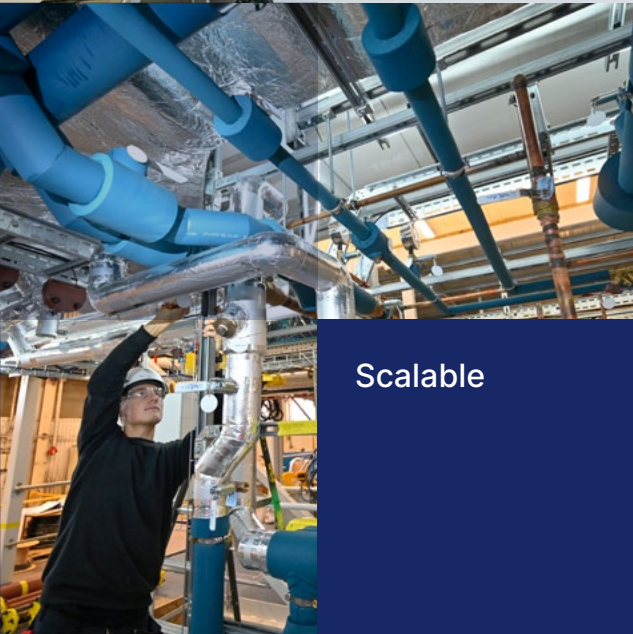




Cut lead times  
to weeks



Flexible



Scalable



Portable



# KeyPlants pods

Portable, on-demand cleanrooms  
for pharmaceutical development  
and manufacturing.



**Pods** are the fastest way to start or expand production, which will result in innovative, cost-effective solutions, from clinical development to commercialisation, as the total cost of ownership will be reduced. **pod facilities** can be sized-up by adding pods, and are also a solution for the small-scale production of cell and gene therapies, for example.



## Benefits

Our new, **portable on-demand (pod) facility** dramatically reduces the time it takes to set up new production, speeding up the development of cutting-edge therapies, and increasing production flexibility.

**Pods** can be on site and ready for operation anywhere in the world, in **just a few weeks** for a single pod without compromising on quality, compared to a year or more to build a conventional facility from scratch.

They also offer **maximum flexibility** in production. **Pods** give manufacturers:

- Flexibility to start small-scale production immediately and then scale out;
- The advantages of a fixed price and time schedule;
- A turnkey, integrated approach instead of pieces of a facility/process engineering puzzle;
- An end to the time and complexity of specification, bidding, procurement, and permitting;
- Lower total cost of ownership (TCO).

### 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)



## Applications

Here are a few examples of pharmaceutical development and production areas that **Pods** can be used for:

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

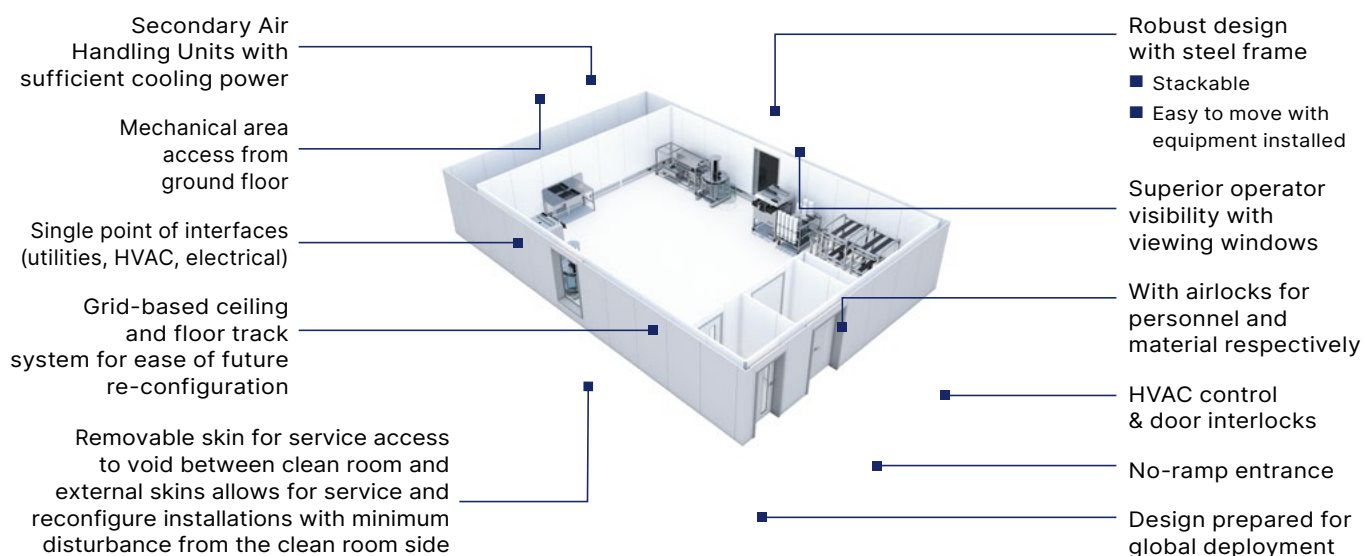


Our standard configurations are available to ensure you receive the solution most suited to your needs.

| Number of pods                                                       | Cleanroom classification | Personnel and material flow     | pod size               |
|----------------------------------------------------------------------|--------------------------|---------------------------------|------------------------|
| Single <b>pod</b>                                                    | Grade C, D or CNC        | Bidirectional                   | 70 sqm/<br>750 sqft    |
| Double <b>pod</b>                                                    | Grade C, D or CNC        | Bidirectional or Unidirectional | 140 sqm/<br>1,500 sqft |
| Scalable without size limitations by connecting multiple <b>pods</b> |                          |                                 |                        |
| Optional: Process integration                                        |                          |                                 |                        |



## Double pod configuration



|          |                                                                                                                                                                                                   |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flexible | <ul style="list-style-type: none"> <li>Walls can be added, or removed to create large ball rooms spanning several <b>pods</b></li> </ul>                                                          |
| Scalable | <ul style="list-style-type: none"> <li>No limitations for future facility expansion by adding <b>pods</b></li> <li><b>pods</b> can be stacked on top of each other for multiple floors</li> </ul> |
| Portable | <ul style="list-style-type: none"> <li>Easy to move the <b>pods</b> inside the shell building using air cushions</li> <li>The <b>pods</b> can be shipped between locations</li> </ul>             |



## Your Solution-Orientated Partner

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

We have successfully executed 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.



### Corporate Office

KeyPlants AB  
Torsgatan 11  
111 23  
Stockholm  
Sweden  
[info@keyplants.com](mailto:info@keyplants.com)

### North America Office

KeyPlants Inc.  
425 Fayette Street  
PO Box 393  
Conshohocken, PA, 19428  
USA  
[andrew.dell@keyplants.com](mailto:andrew.dell@keyplants.com)



# KeyPlants

Explore our innovative solutions:

[keyplants.com](https://keyplants.com)

Scan this code to  
visit our website

