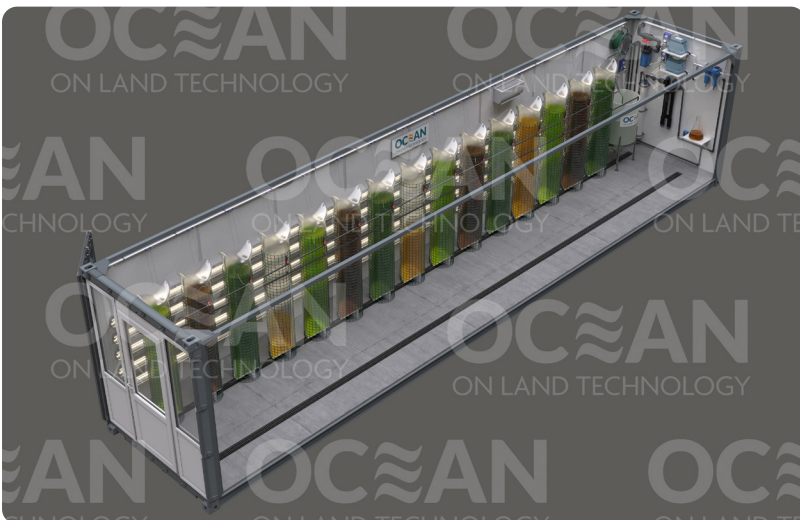


Algae in a Box

The team at Ocean on Land Technology are proud to introduce their new and ground-breaking Algae in a Box system. Designed specifically to be modular and easy to use for the shellfish industry. The system is the latest addition to their impressive portfolio of products and is ideally suited to accompany the Lab in a Box system.

The system fully embraces the OOLT “ease of use” and “plug and play” ethic, making algal production a fully efficient and straight forward process. These systems are flexible and can be designed and tailored to your exact specifications utilising one or multiple units if you require larger production levels. Just drop us a line for more information.



Features:

- Highly versatile bag system within a small footprint
- Flexibility allows for a range of algal species to be cultured in one system.
- Highly suited for shellfish production
- Batch or continuous production
- 0.01 micron air filtration
- 0.1 micron seawater filtration
- Automated nutrient delivery
- Automated harvesting
- Systems are designed to fit within 40ft containers holding up to 30 bags
- Smaller models are available for 20ft containers.
- Quick to set-up and to inoculate new cultures.
- IP65 non-corrosive LED lighting

For cultivating and transferring your microalgal stock and starter cultures why not ask about our famous Lab in a Box system designed specifically for use with the Algae in a Box units?

Tried and tested technology now available in a modular format and able to produce vast amounts of microalgae across multiple species, making it a better alternative to newer photo-bioreactors (PBRs) systems.

Algae in Box System Adaptations:

- 40' Container holding 30 bags
- 40' Container holding 20 bags (built-in cultivation laboratory)
- 20' Container holding 12 bags
- 20' Container Lab in a Box (built-in cultivation laboratory)



For a nursery algal cultivation why not ask about our famous Lab in a Box system designed specifically for use with the Algae in a Box units?

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Potential Shellfish Specific Algal Species (Shellfish Species Dependant):

- Isochrysis galbana (Tahitian)
- Pavlova lutheri
- Tetraselmis sp.
- Chaetoceros mueruli
- Chaetoceros calcitrans
- Nanochloropsis sp.
- Skelotenema sp.
- Rhodomonas sp.

Specifications:

- 4-6 week continuous production
- 5-20L inoculant for a 7-10 day scale-up
- 4 hours of labour per week
- Working volume: 7,200L/1902 gal
- Average energy consumption: 82 kW/day
- Operating space L x W x H: (12.19 x 2.44 x 2.89 m) (40 x 8 x 9.5 ft)

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