

Hatchery-in-a-Box



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The Hatchery-in-a-Box is a containerised aquaculture production system that can be customised and utilised for the production of a variety of aquaculture species. This complete hatchery solution occupies a small footprint and is fitted in one or more specifically fitted out 20ft sea containers which can be easily transported around the world to coastal areas, harbours and even greenfield sites.

The Hatchery-in-a-Box concept was initially designed for the production of clawed lobsters, utilising Ocean On Land Technologies patented juvenile lobster holding system, the Aquahive®.

We offer four hatchery in a box systems how much space you have available and how many clawed lobsters that you would like to restock back into the wild fishery.

Features

- Choice of four different models
- Plug and play concept whereby a seawater, fresh water and power connection is all that's required to begin production
- All four models can be easily expanded allowing users to increase their output as their business develops
- All sea containers are insulated, lined with white food grade plastic walling and a polyurethane resin floor
- All models include 3 to 10 patented Aquahive® systems
- Between 7 and 20 larval upwellers (200L each) are included
- Individual marine recirculating systems are included
- All four models can be fitted within an existing free standing building
- Estimated labour of 3 to 4 hours/day in the hatchery and broodstock containers
- Documentation including labels on system components, detailed hatchery and operation manual and troubleshooting tips are also included

Available separately

- Customisable monitoring and alarming system with a range of water quality sensors and alarming options available
- Ozone generator and redox controller
- Back-up/stand-by power
- Prefiltration and external seawater storage
- Training packages for staff
- Feeds

Dimensions

- Each 20ft container: 6.06m (20ft) L x 2.43m (8ft) W x 2.89m (9.5ft) H

Model	Model no.	No. 20ft Sea containers	No. Aquahives	No. 200L Aqua-cones	No. Broodstock Systems (holding upto 36 broodstock lobsters)	Total Current Draw (A)	Area required (m2/ft2)
HIB 50000	HIB50000	2	3	7	1	<80	37/400
HIB 150000	HIB150000	4	10	20	1	<110	74/800
HIB 300000	HIB300000	5	10	20	2	<140	92/1000
HIB 450000	HIB450000	6	10	20	3	<200	111/1200

