


Product Name	IST Container-Farm
Category	Smart Farm
HS Code	8436.80
Product Keywords	Hydroponics vertical cultivation system

General description


The IST Container-Farm is meticulously designed with a distinct structure that sets it apart from conventional container-based cultivation systems. Introducing a Moving-System where the vertical cultivation system and cultivation beds alternate, we've maximized efficiency within limited space while minimizing labor requirements. This innovative design creates surplus space, which is then repurposed for a nursery cultivation system and dedicated workspaces for seeding and packaging operations.

With this differentiated approach, we not only enhance production volume but also establish a cost-effective solution. The IST Container-Farm allows for the construction of smart farms capable of mass production anywhere, combining distinctive production capabilities with a rational pricing model.


Product features (spec)




1. Vertical Cultivation Beds with Moving system




2. Dual LED lighting system




3. Nutrient Control System and Tubing pumps



4. Seeding cultivation beds



5. Harvest and Packing table



6. Temperature Control System

Container Farm (Vertical Type)	
SIZE (W x D x H)	2.5m x 12m x 2.89m 40ft Container Specification
Cultivation Capacity	3,456 Pots
No. of LED	58 Lines (Both Sides)
Power Requirement	8 kW (Excluded A/C)
Circulation Water Tank Size	400 L

	<p>LED lighting ○○○○○○○○○○○○○○○○○○○○○○○○○○○○○</p> <p>Vertical cultivation beds rotating 3 times a day to change day and night</p> <p>Corridor (Night)</p> <p>Vertical cultivation beds rotating 3 times a day to change day and night</p> <p>LED lighting ○○○○○○○○○○○○○○○○○○○○○○○○○○○○○</p>
usage	<p>IST Container-Farm is produced for who is willing to have mass production type of smart farm without build a space.</p>