Pflanzbehälter für das Hi-Grow System

9L Trough with truss support

Compact trough ideal for tabletop or low-volume systems.



18L Trough with truss support

Designed for robust truss support and consistent drainage.

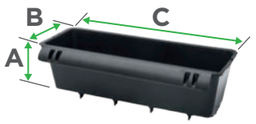


Slab base

Provides stable support for substrate slabs with efficient airflow.



Dimensions





Available colors:

Black White Terracotta

		A	B	C
1305209	**9L Trough with truss support***	156 mm	250 mm	511 mm
1305909	**18L Trough with truss support**	142 mm	250 mm	1014 mm
1302809	**Slab base**	-	185 mm	-

**Drainage collection is not available for this pot.*

▶ Scan
To watch video

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Hi-Grow
Strawberry growing system

plantlogic
innovative products
for smart growers







Healthy roots.
Easy installation.
Smart investment.

INCREASE YIELD

IMPROVE CONTROL

SAVE MONEY

Strawberry production growing systems

Smart design engineered for high-efficiency strawberry production

The Hi-Grow system was purpose-built around key principles of substrate cultivation—standardization, oxygenation, and efficient drainage—while significantly lowering capital costs.

By moving away from the traditional use of costly metal gutters, we introduced a breakthrough innovation that not only **lowers expenses** but also **elevates the quality and consistency** of production.

Engineered to reduce costs and maximize yields

Available in multiple configurations—from affordable to automated—Hi-Grow adapts to any greenhouse, optimizing density and yield.

Thanks to our innovative design that separates the container support structure from the drainage system, Hi-Grow helps reduce the risk of disease.

In addition, it is more economical than traditional gutter systems, using approximately **27% less steel**—providing a more cost-effective and scalable solution for modern growers.

Easy installation and reduced labor costs

Hi-Grow installs faster and easier than traditional metal systems, requiring smaller crews and no grading or welding.



Why choose Hi-Grow?

Cost-effective transition



Hi-Grow provides a cost-effective transition from soil or bag culture to elevated systems—using 27% less steel and lowering material costs.

Quick & simple installation



Hi-Grow eliminates land leveling, reducing labor needs and setup time. Its design simplifies installation and minimizes common adoption challenges.

Optimized for better results, every row



Unlike traditional gutters, Hi-Grow's horizontal design uses a narrow, independent drainage channel—allowing even growth and higher yields across every row.

Enhanced root zone management



Hi-Grow optimizes root-zone aeration and drainage through oxygenation holes, dedicated channels, and adjustable gutters—improving substrate performance and plant health.

Hi-Grow
STRAWBERRY GROWING SYSTEM

Tabletop system - Trough version



Wire clips
Specially designed for inline or lateral irrigation.

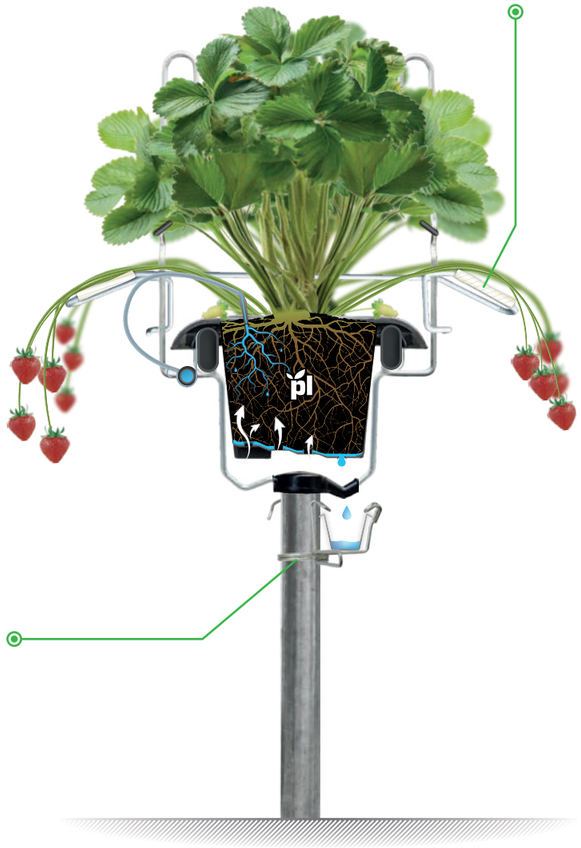


Airflow & oxygenation
Enhances airflow, reducing humidity and Botrytis risk.



Slope-adjustable gutter
Ensures precise drainage without land grading.

Adjustable bracket
Truss support secures heavy clusters.





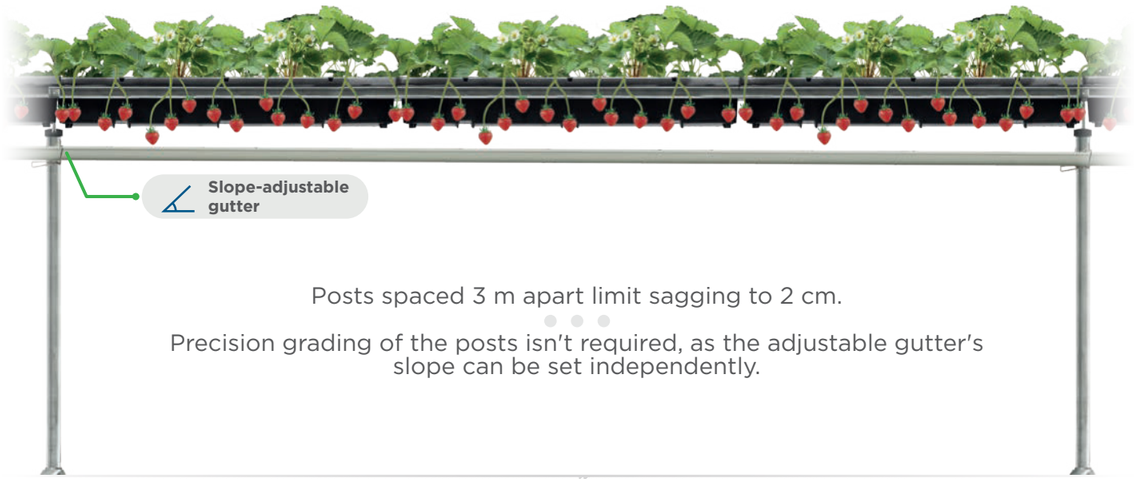
Container design
improves substrate performance & root health.



Drainage separation
Keeps plant containers isolated from runoff.



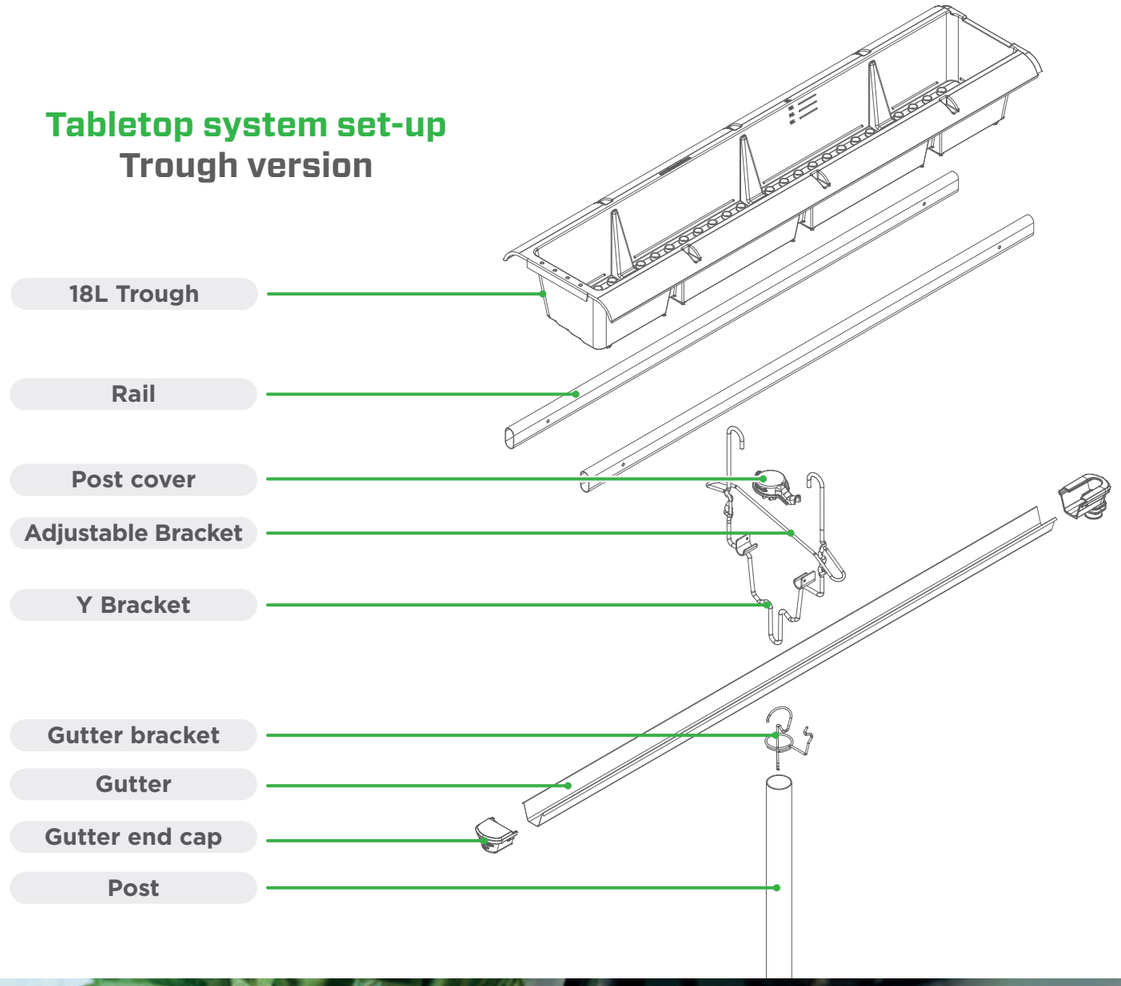
Optional drainage collection
Keeps tunnels drier and reduces disease pressure.



Posts spaced 3 m apart limit sagging to 2 cm.

Precision grading of the posts isn't required, as the adjustable gutter's slope can be set independently.

Tabletop system set-up
Trough version





Hi-Grow
STRAWBERRY GROWING SYSTEM

Tabletop system - Slab version



Smart design
Improves airflow under the slab to enhance root-zone climate.

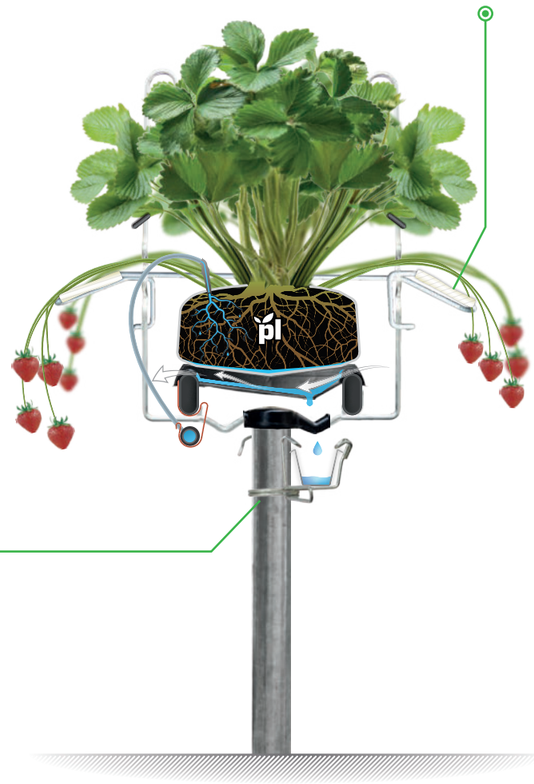


Hose clips
Secure laterals for clean, organized irrigation.



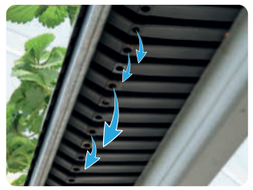
Slope-adjustable gutter
Allows precise drainage without land grading.

Adjustable bracket
Truss support secures heavy clusters.





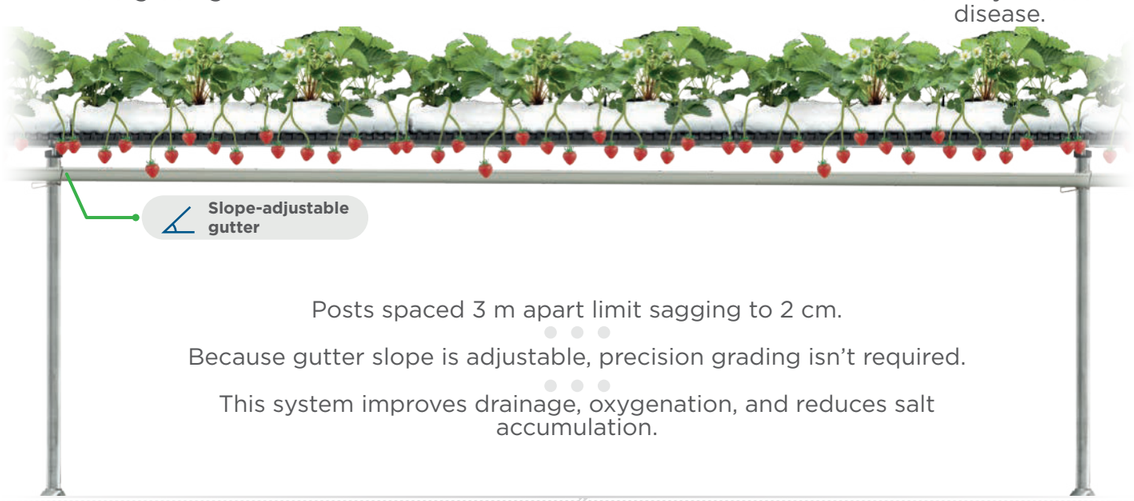
Lower upfront
capital expense.



Drainage separation
Prevents contact between slab drainage and plant roots.



Optional drainage collection
Keeps tunnels drier and reduces humidity-related disease.



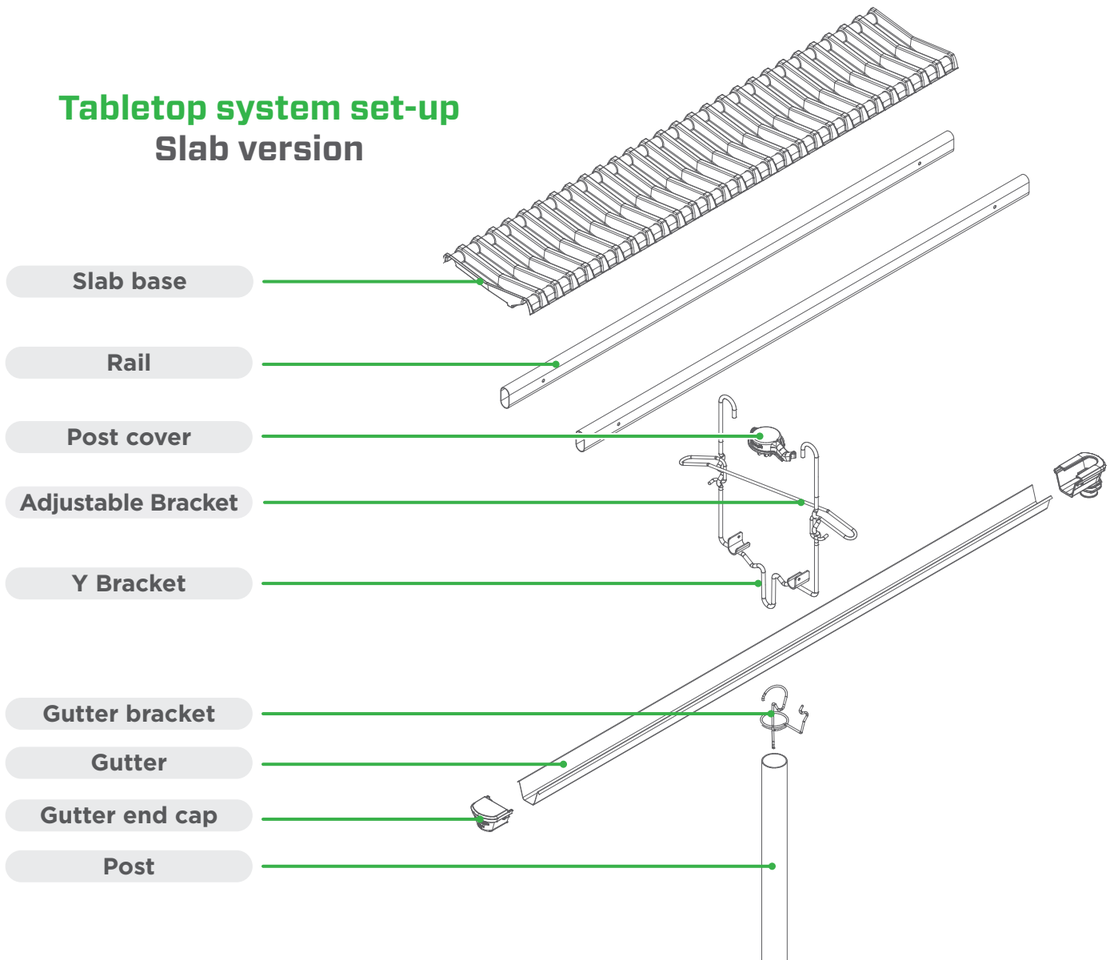
Posts spaced 3 m apart limit sagging to 2 cm.

Because gutter slope is adjustable, precision grading isn't required.

This system improves drainage, oxygenation, and reduces salt accumulation.

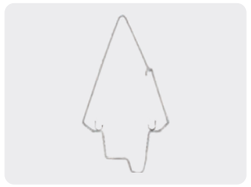


Tabletop system set-up
Slab version



Hi-Grow
STRAWBERRY GROWING SYSTEM

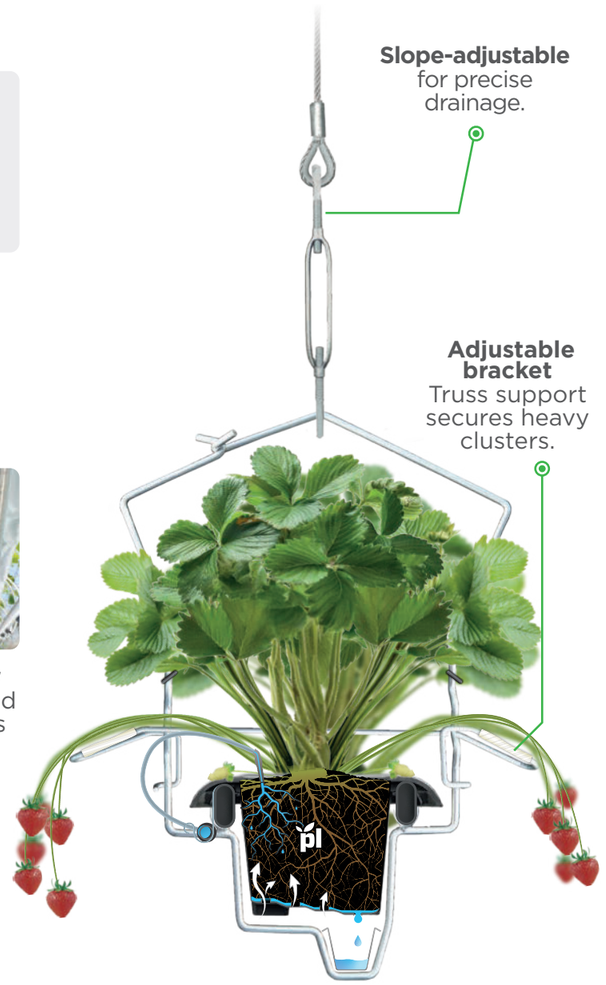
Hanging system - Trough version



Customizable hanging bracket adapts to any grower setup.



Enhanced airflow lowers humidity and minimizes Botrytis risk.



Slope-adjustable for precise drainage.

Adjustable bracket Truss support secures heavy clusters.



Durable **chain or wire** suspension ensures stability and safety.



Pot system can be switched to slabs



Prevents runoff contact and improves hygiene.

The Hi-Grow hanging system uses fewer structural materials than traditional gutters—reducing installation costs while improving efficiency.

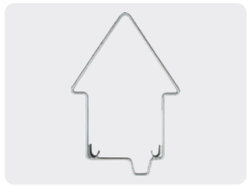
Optional drainage collection minimizes humidity buildup, while optimized airflow and slope design enhance oxygenation and reduce salt accumulation.





Hi-Grow
STRAWBERRY GROWING SYSTEM

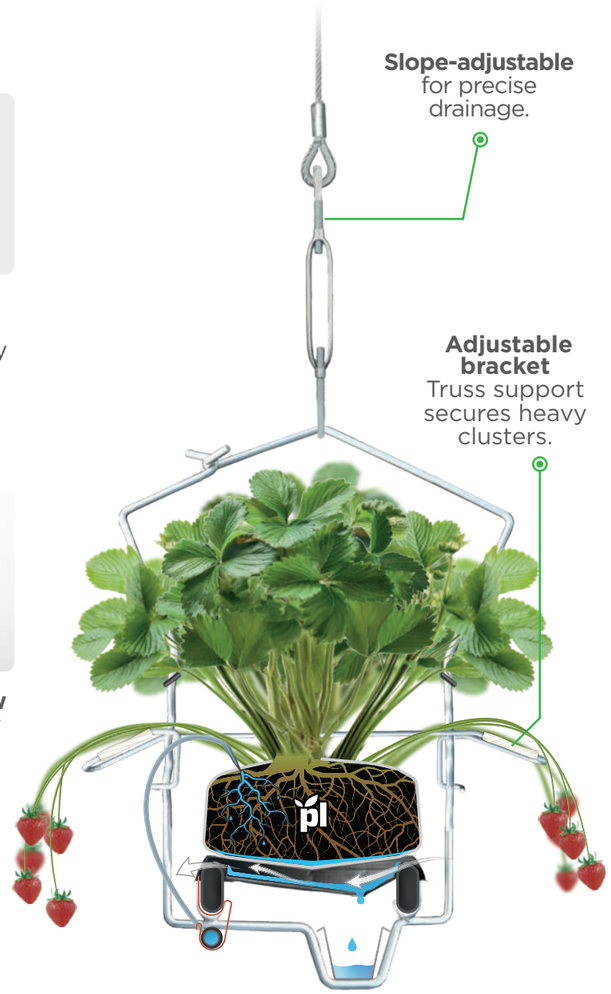
Hanging system - Slab version



Customizable hanging bracket adapts to all facility layouts.



Under-slab airflow improves humidity control and microclimate balance.



Slope-adjustable for precise drainage.

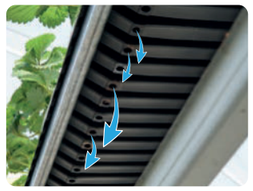
Adjustable bracket Truss support secures heavy clusters.



Durable **chain or wire** suspension offers long-term stability and easy maintenance.



Lower initial cost compared to traditional bench or table systems.



Separated runoff channels improve sanitation and disease management.

The Hi-Grow hanging slab system combines efficiency with affordability.

Using fewer structural materials than traditional tables, it reduces setup costs and simplifies installation.

Optimized drainage collection lowers greenhouse humidity, while optimized slope and airflow promote healthier roots and stronger yields.





Hi-Grow
STRAWBERRY GROWING SYSTEM

New Hi-Grow Technology Engineered to Maximize Yields



Elevating System

• Increases plant density by utilizing vertical space.

• Adds more growing lines without expanding greenhouse footprint.

• Motorized lift allows individual lines to be raised or lowered for access.

• Improves harvesting and maintenance by creating temporary workspace.

• Ceiling-mounted motor keeps the system out of the way, maximizing efficiency.

Motorized lift system for multi-layer strawberry production



Adjustable growing height allows multiple vertical layers of production, maximizing space efficiency and yield per square meter.

Hi-Grow
STRAWBERRY GROWING SYSTEM



Swing System

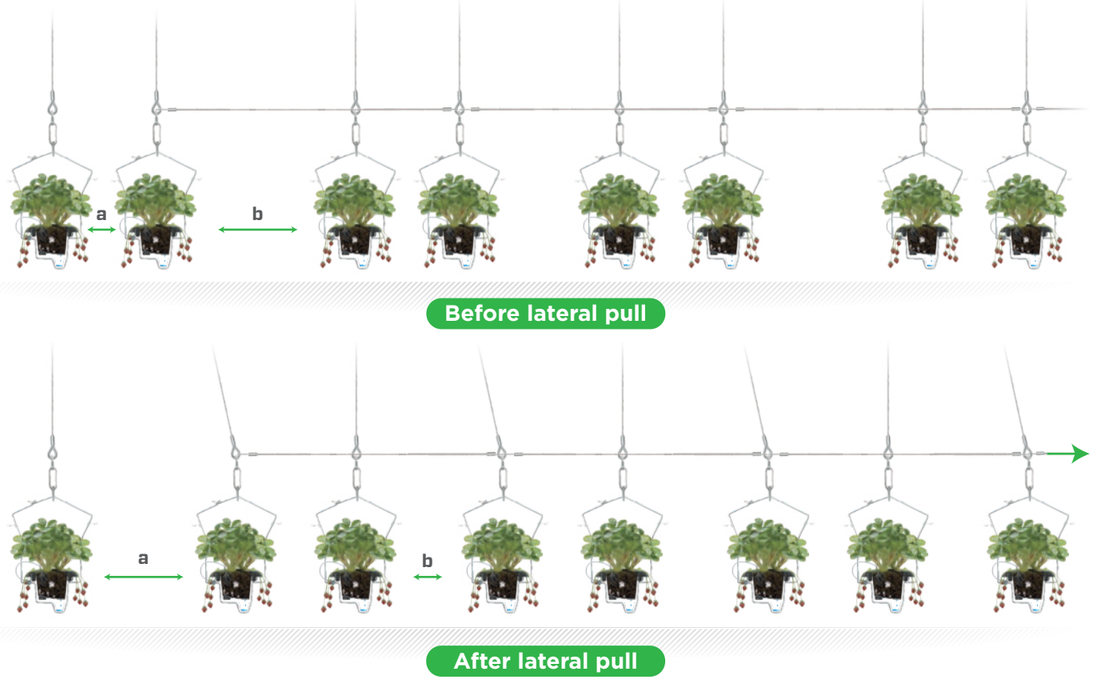
• Maximizes greenhouse yield by optimizing line spacing.

• Motorized system horizontally shifts growing lines for flexible layout.

• Simplifies harvest and crop management by creating working space on demand.

• Compact motor mounts on greenhouse side posts, maintaining aisle efficiency.

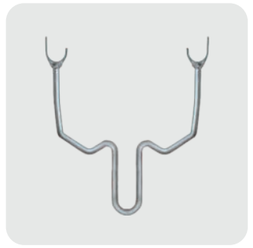
Motorized system that horizontally adjusts growing rows to optimize space and access

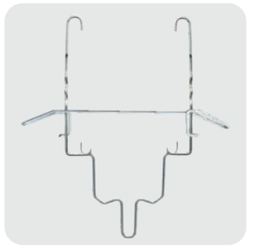


Motorized lateral movement increases planting density and optimizes greenhouse space utilization, allowing flexible row spacing for harvest and maintenance access.

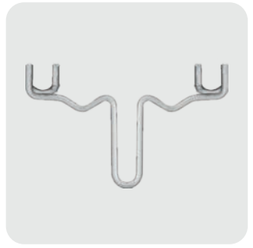
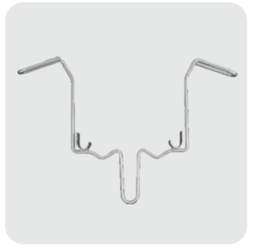
Optional common bracket

Tabletop system - Trough version

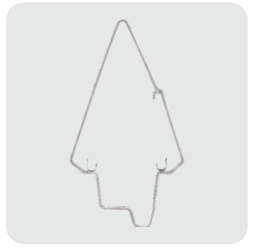




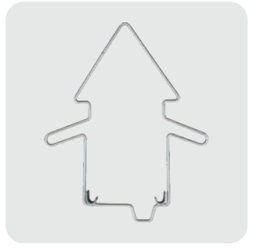
Tabletop system - Slab version


Hanging system - Trough version




Hanging system - Slab version




**Customizable bracket adapts to any grower setup.*

Add value to your system

Plastic
gutter bracket



Metal
gutter bracket





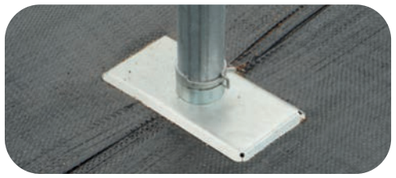
Holds gutter in place and maintains precise drainage slope.

Plastic
anti-sinking plate



Metal
anti-sinking plate





Prevents post sinking in soft or humid soil.

32 mm post cap



42 mm post cap





Protects post from corrosion caused by drainage runoff.

***Biodegradable trough cover**





Helps maintain substrate humidity and reduces need for drip stakes.

Metal gutter





Collects and channels drainage to maintain clean ground surfaces.

Hi-Grow lysimeter





Enables accurate leachate monitoring for research or production optimization.

**Degradable according to EN13432 standard. Equivalent ASTM D5338-15 (2021); ASTM D6400-23 standard.*