

Choose the best solution according to your specific needs

Elevated system	Substrate type	Format	Recommended Plantlogic solution	Key technical comments
Yes	Coco coir	Bulk	Vegetable growing system - Trough version	For coco bulk only (and/or light substrates). Elevated system with built-in pot. Maximize drainage and oxygenation. Drainage system is separate from the planting system, making installation easier and reducing disease risk. Does not require land leveling or precision post grading.
Yes	Coco coir	Bag or Slab	Vegetable growing system - Bag and slab version	Compatible with slabs or bags. Lower upfront capital expense. Maximize drainage and oxygenation. Drainage system is separate from the planting system, making installation easier and reducing disease risk. Does not require land leveling or precision post grading.
No	Coco coir	Bulk	10L Drainage Collection Pot	Practical solution without structure. Improves humidity control. Excellent drainage and oxygenation. Optional drainage collection in gutter. Tall and wide legs promote pot stability and prevent root contact with soil and pathogens.
No	Tezontle	Bulk	10L Drainage Collection Pot	Resistant to substrate weight. Improves humidity control. Excellent drainage and oxygenation. Optional drainage collection in gutter. Tall and wide legs promote pot stability and prevent root contact with soil and pathogens.
No	Coco coir	Bag or Slab	Kratos	Economic alternative for slabs or bags. V-shaped base + narrow gutter. Improves drainage and airflow. Easy and fast installation.
No	Coco coir	Bag or Slab	Rivus	One piece base for even drainage into build-in gutter. Budget-friendly.



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innovative products
for smart growers

Innovative solutions for vegetable production



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GETPLANTLOGIC.COM

**Lower cost
while increasing
your yield.**

Elevated system for vegetable production

Effective for vegetables production

Our vegetable growing system was developed from the ground up based on the fundamentals of substrate production - standardize, control, improve oxygenation and drainage, separate roots from drainage, all while reducing capital costs. We broke the tradition of using expensive metal gutters when we developed our breakthrough product. We not only reduce costs but increase quality.

Designed to maximize your yields

Available in posts or hanging version, our vegetable growing system can support troughs, slabs or grow bags, is available with or without drainage collection, and can support inline drippers as well as drip stakes. The planting system separated from the drainage system minimizes the risk of pests and diseases, promoting healthier crops.

With a height of up to 40 cm, it is perfect for growing tomatoes, cucumbers, and peppers in greenhouses.

Additionally, Plantlogic's vegetable growing system is more cost-effective than traditional metal gutter systems, utilizing 27% less steel.

Easy Installation and labor savings

Vegetable growing system installation is quicker and easier compared to traditional metal gutters, requiring a smaller installation team to efficiently install.

Additionally, the elevated system does not require land leveling or precision post grading to ensure drainage flows, which simplifies installation and reduces initial costs.

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Bases for bags and slabs



Kratos slab base

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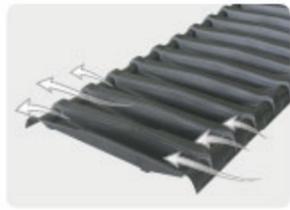


Rivus 2-in-1 slab base

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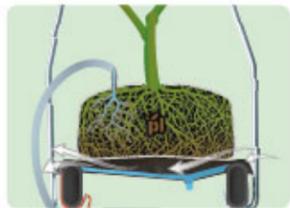
Elevated system for bags and slabs



Maximize airflow and oxygenation



Keeps the ground clean to avoid diseases



Also available in hanging version



Easy to install



More economical than traditional systems (27% less steel)



Excellent drainage



Optional drainage collection
Helps control humidity in greenhouses and tunnels.

Elevated system prevents the fruit from touching the ground.

We recommend 3 m spacing between posts, which limits sagging of the horizontal plant-carrying tubes to just 2 cm.

Tops of posts don't require precision grading because the gutter slope is independently adjustable.

The drainage system is separate from the planting system, making installation easier and reducing disease risk.

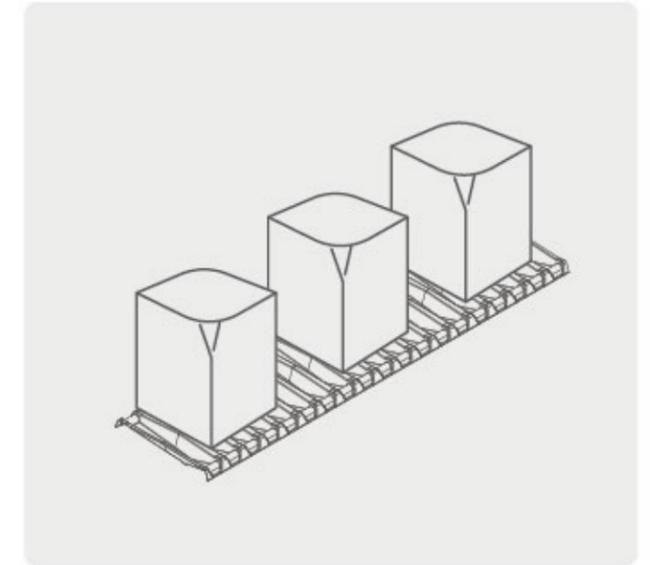
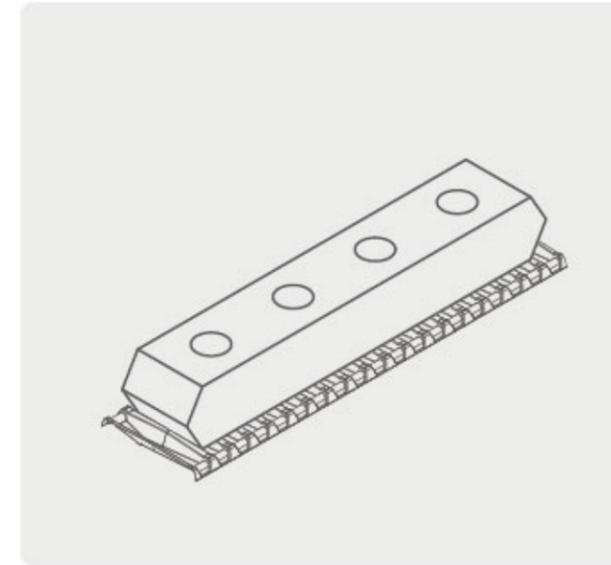


Adjustable gutter slope

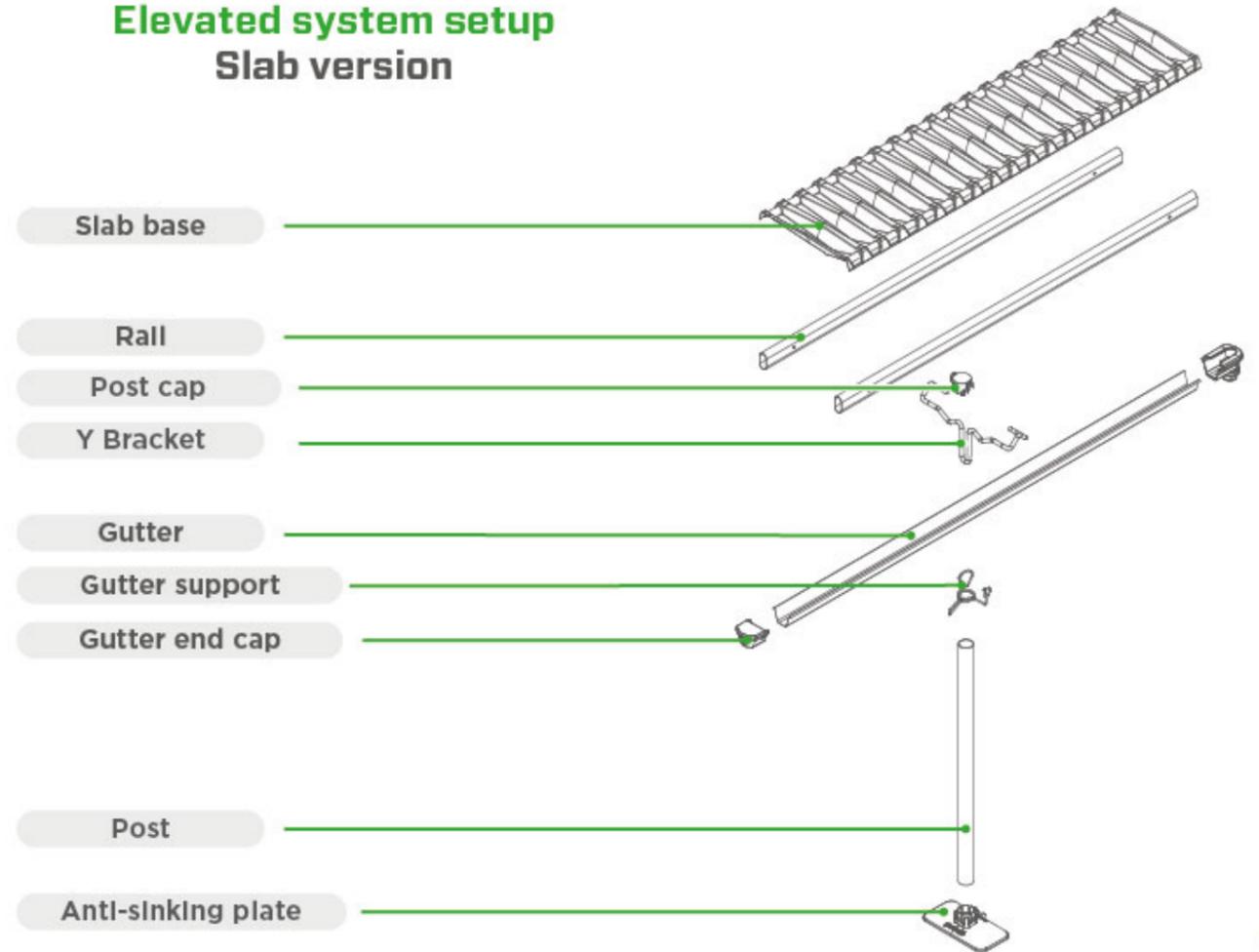
Two usage options

Coco coir slabs

Grow bags



Elevated system setup Slab version



Elevated system for troughs



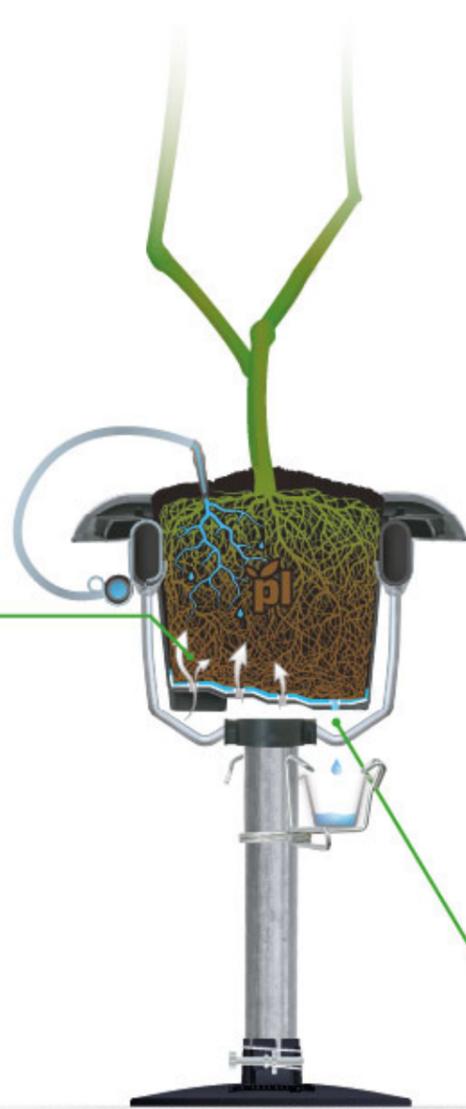
Elevated system prevents the fruit touching the ground



Maximize the airflow and oxygenation
Overlapping handles saves space along row.



Also available in hanging version



More economical than traditional systems (27% less steel)



Optional drainage collection
Helps control humidity in greenhouses and tunnels.



Excellent drainage

Elevated system prevents the fruit from touching the ground.

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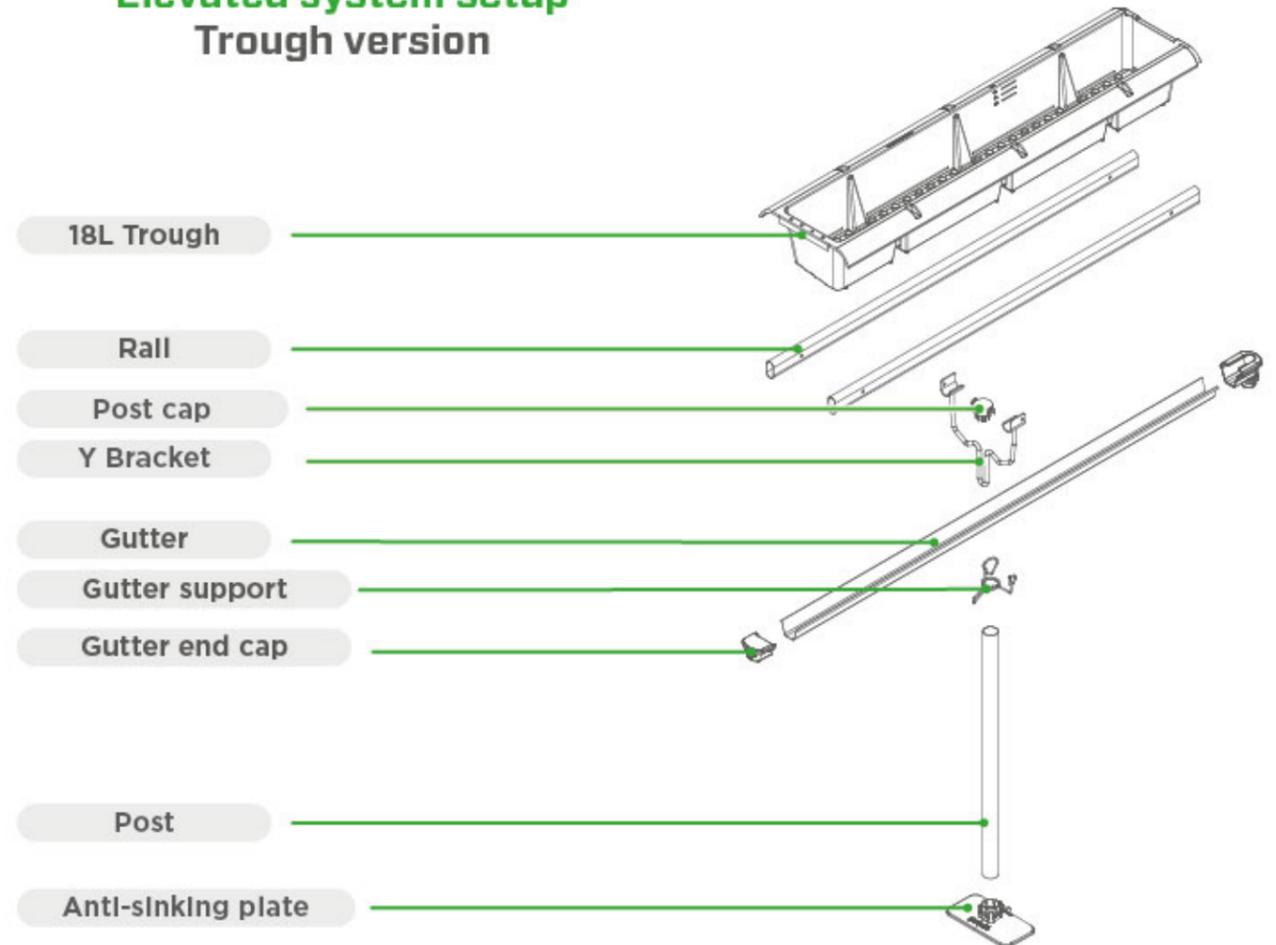
The drainage system is separate from the planting system, making installation easier and reducing disease risk.



Adjustable gutter slope



Elevated system setup Trough version



Containers for elevated systems

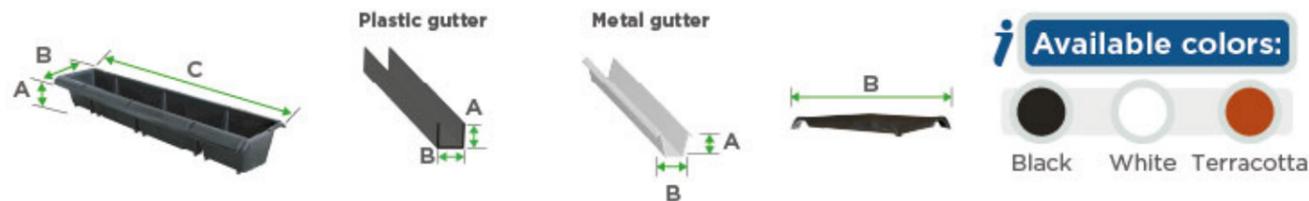
Slab base for bags and slabs



18L Trough with truss support



Dimensions



		A	B	C
1302809	Slab base	-	210 mm	1000 mm
1305909	18L Trough with truss support	142 mm	250 mm	1014 mm
1300010	Plastic gutter	45 mm	50 mm	-
30050008	Metal gutter	32 mm	-	-

System components

Plastic gutter bracket



Holds the gutter in its place and controls the drainage slope for the system.

Plastic anti-sinking plate



Prevents sinking of the post in soft or humid soil.

32 mm post cap



Keeps drainage from damaging the post.

Metal gutter



Narrow gutter keeps ground free of water by collecting all drainage.

Add value to your system

Metal gutter support



Holds the gutter in its place and controls the drainage slope for the system.

Growing system lysimeter

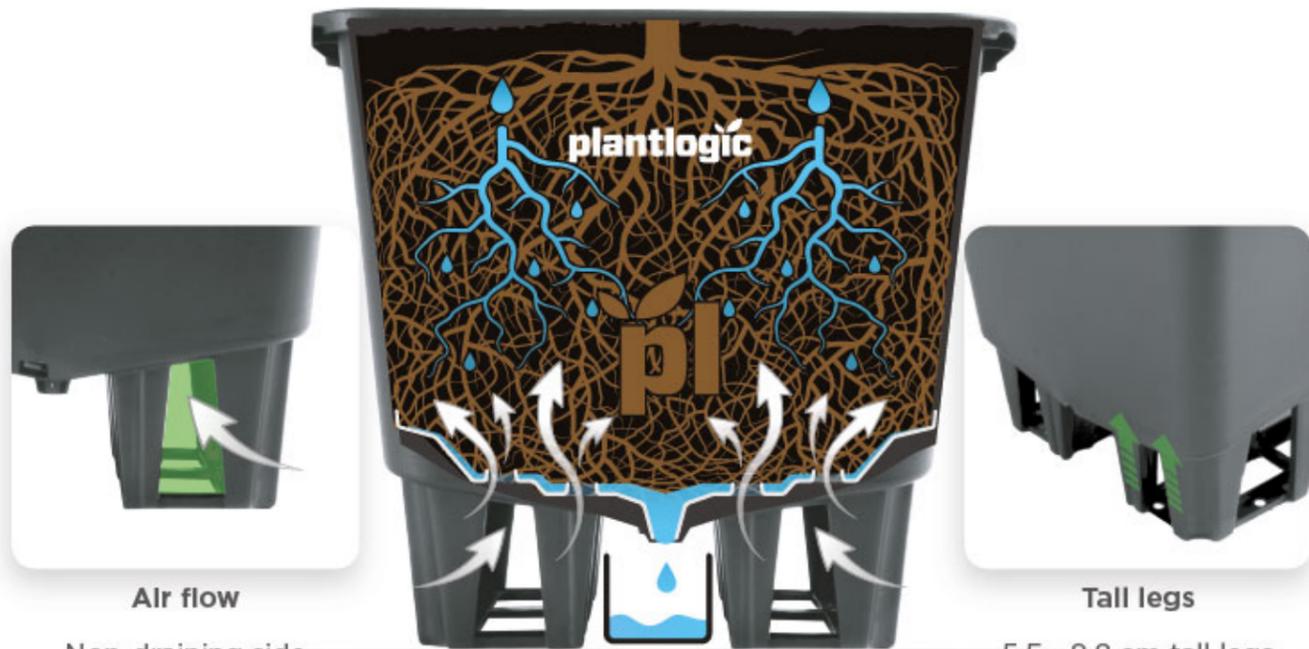


Exclusive tool for accurate drainage for leachate monitoring.



Drainage collection for vegetable production

Plantlogic drainage collection pots direct water flow into a narrow gutter which channels drainage out of the growing area. Our pots help control humidity inside tunnels and greenhouses. They also help avoid environmental impact of drainage.

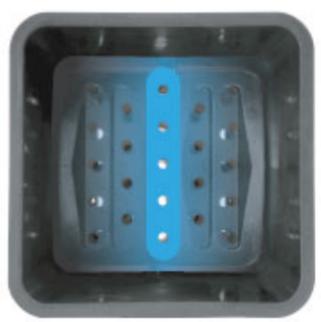


Air flow

Non-draining side holes allow **oxygen uptake** in center of root mass, and prevent growing down.

Tall legs

5.5 - 8.8 cm tall legs that prevent root contact with soil and pathogens.



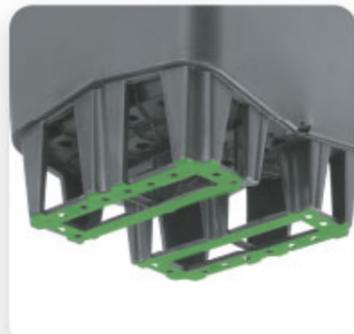
Excellent drainage

Our unique base design forces water to drain from the center holes, minimizing the wet zone.



100% drainage collection

Keeps ground free of water and fertilizer by **collecting all drainage** into an economical gutter. Avoids debris and algae buildup in gutter.



Wide feet

These promote stability even on soft ground.

Pots for vegetable production

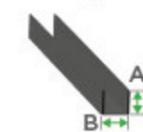
10L Drainage collection pot



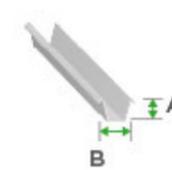
Dimensions



Plastic gutter



Metal gutter



Available colors:



		A	B	C	D
1307110	10L Drainage collection pot	256 mm	288 mm	288 mm	70 mm
1300010	Plastic gutter	45 mm	50 mm	-	-
30050008	Metal gutter	59 mm	33 mm	-	-



Vegetable production

Substrate slab bases

Maximize your vegetable production with Kratos

Kratos is a growing system that consists of a V-shaped base with 9.5 cm height that keeps grow bags and slabs off the ground. The narrow gutter collects all drainage water under the bags. Kratos' narrow gutter is cheaper and cleaner (leaves and fruit cannot fall into the narrow gutter) and it's also easier to manage and drainage flows much better than traditional wide gutters.

Kratos is more economical than the traditional spacer and wide gutter system and much easier to install. Additionally, unlike other spacers in the market whose legs easily break or their bases collapse with the weight of bags, Kratos is made using our high quality material blend, designed to last for years of planting and disinfection cycles.

Rivus is double functionality at the best price

Rivus is a 2-in-1 spacer that works as a base for the bags and as a drainage collection gutter. Its 6 cm tall platform keeps roots out of drainage and push drainage to the edges, providing more consistent moisture distribution across the grow bags. Open airflow underneath keeps roots off the ground and prevents contact with pathogens.

Rivus' main advantage over other spacers in the market is its built-in gutter that keeps the floor of your greenhouse free of puddles and allows the reuse of excess water. In addition, price per linear meter is cheaper compared to other plastic spacers and traditional wide gutter. Installation is easy and simple.



Kratos slab base

The Kratos, with its unique and exclusive V-shaped design, channels all drain water into a narrow gutter which runs under the center of the spacer. The open space between the slab and the gutter provides aeration and prevents the roots from growing out of the slab and into contact with drainage water.

Simple to use
Easy and fast installation.
Easy to wash and disinfect.

Supports up to 90 kg/meter

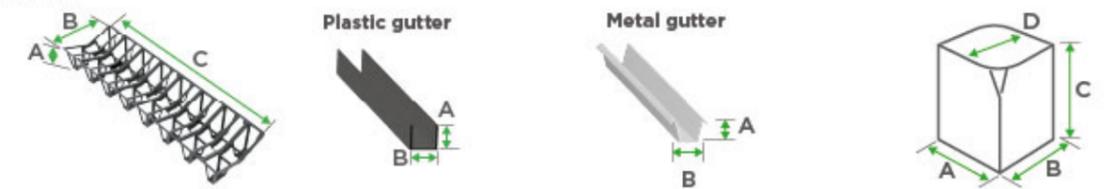
Narrow gutter
Keeps ground free of water by collecting all drainage below the slab, avoiding the dirt buildup and algae formation common in wide gutters.

Clean
Fruits and leaves can't fall into the gutter.

Durable
UV stabilized.

Airflow and Oxygenation
Keeps roots off the ground and out of the gutter, preventing contact with pathogens.

Dimensions



		A	B	C	D
1301081	Kratos slab base	95 mm	222 mm	750 mm	-
1300011	Plastic gutter	35 mm	50 mm	-	-
30050008	Metal gutter	59 mm	33 mm	-	-
1500010	8L Bag for Kratos	210 mm	190 mm	230 mm	255 mm



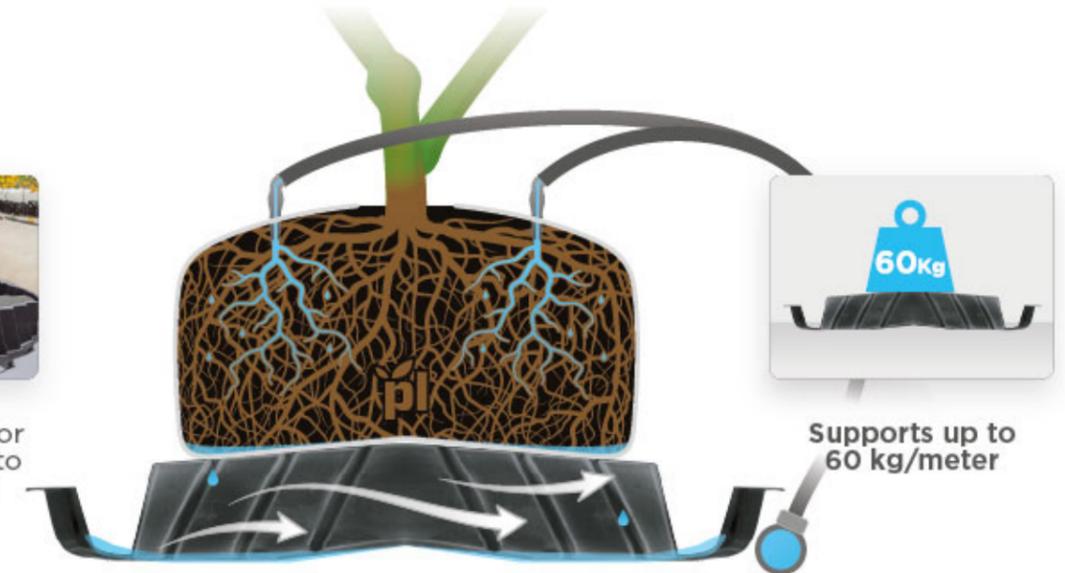
Rivus 2-in-1 slab base

The Rivus, with its unique 2-in-1 design, works as a base and as drainage collection gutter. This enhances the performance of grow bags and slabs by providing them with greater oxygenation and uniform drainage.

Rivus costs much less than other plastic and metal gutters and it is delivered to your farm in 2, 4 or 8-meter pieces which overlap one on top of the other to fit any length.



One piece base for even drainage into build-in gutter.



60 mm tall platform

Keeps roots out of the drainage and pushes drainage to the edges.



Cost-effective

More economical than wide gutter and spacer.



One piece design

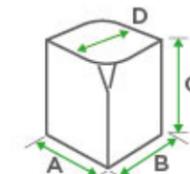
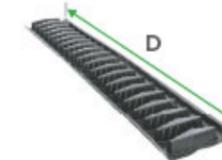
Is easy to install and maintain.



Airflow and Oxygenation

Open airflow underneath keeps roots off the ground and prevents contact with pathogens.

Dimensions



Available colors:



		A	B	C	D
13020500	Rivus slab base - Black	60 mm	320 mm	205 mm	2, 4, 8 m
13020502	Rivus slab base - Black and white	60 mm	320 mm	205 mm	2, 4, 8 m
13020510	Rivus end cap - Black	60 mm	320 mm	205 mm	-
13020512	Rivus end cap - Black and white	60 mm	320 mm	205 mm	-
1500110	8L Bag for Rivus	210 mm	206 mm	230 mm	265 mm