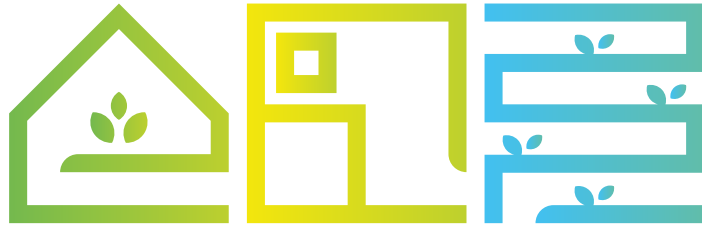
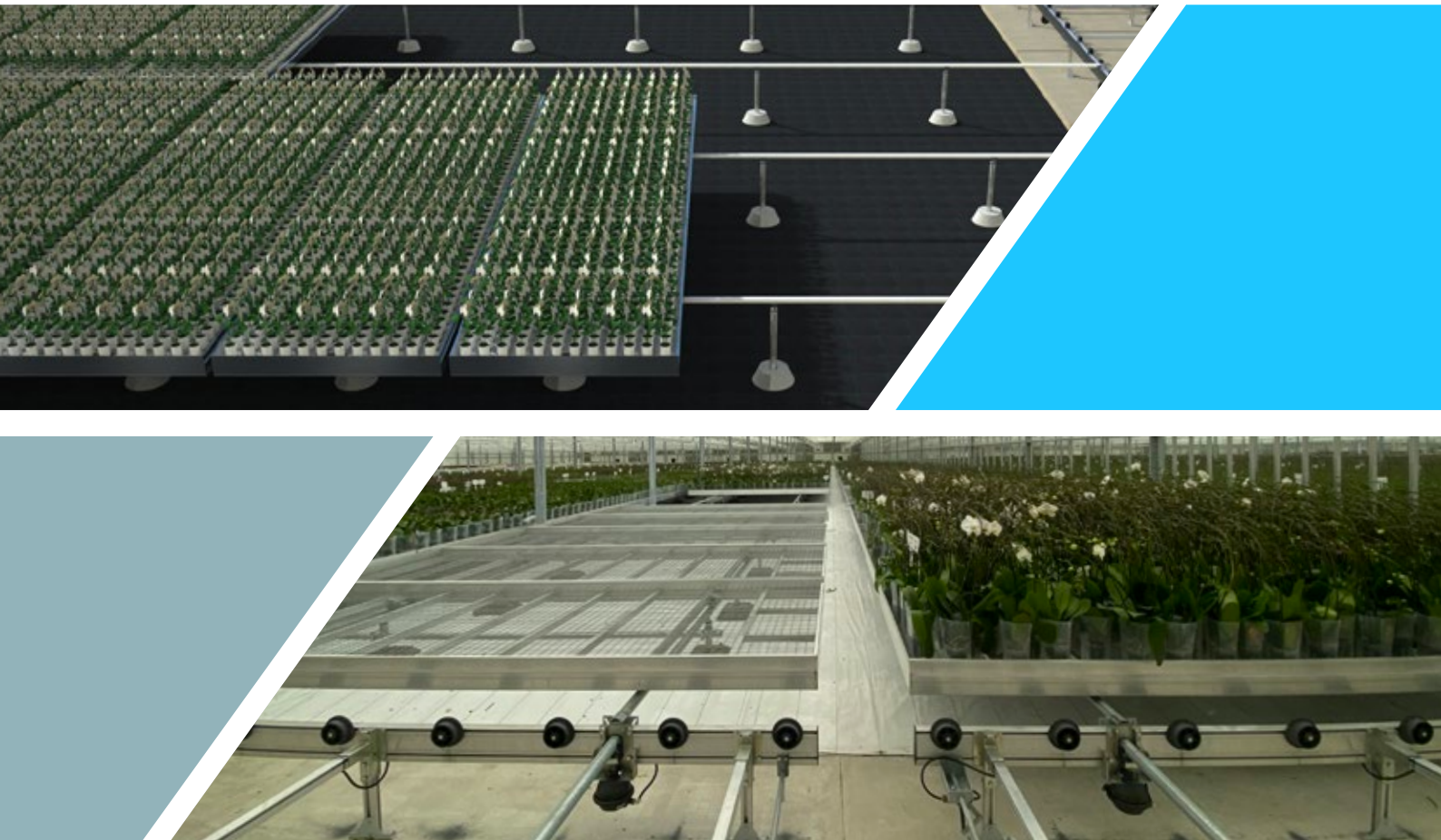


# Logiqs



## Bench Systems



[www.logiqs.nl](http://www.logiqs.nl)

## BENCH SYSTEMS

In the dynamic world of horticulture, benching systems play a crucial role in optimizing growing conditions, enhancing productivity, and ensuring plant health. From the robust and stable Fixed Benches, ideal for consistent plant care, to the versatile Rolling Benches that maximize space and facilitate access, and the highly adaptable Mobile Benches, designed for peak efficiency and flexibility, each type of benching system offers unique benefits.

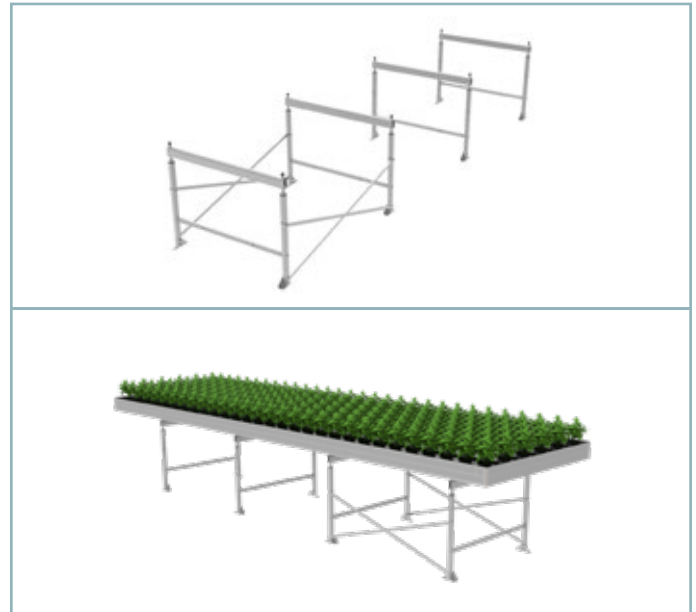
Tailored to meet diverse horticultural needs, these benching systems are essential tools for any modern greenhouse, combining functionality with innovation to meet the demands of both plants and cultivators.



## BENCH SYSTEMS TYPES

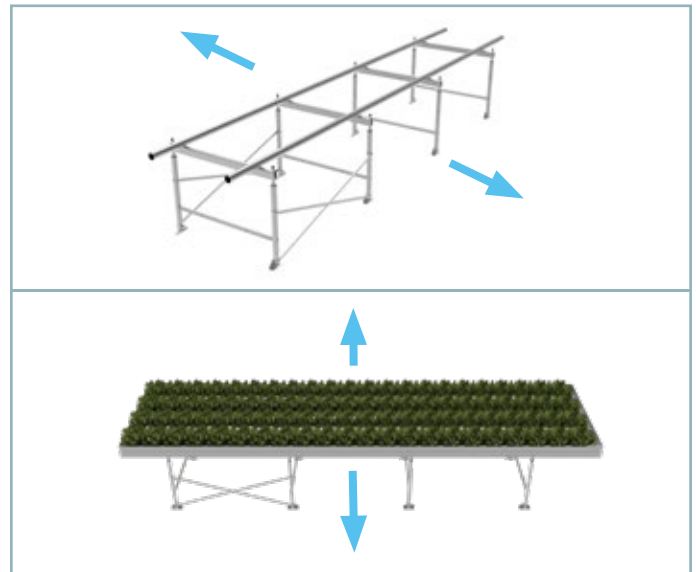
### Fixed Benches:

Fixed Benches are a steadfast solution in horticulture, offering enhanced pest control and improved air circulation and drainage to ensure plant health. With a design that prioritizes stability, these benches provide a reliable platform for plant growth and worker safety, although they offer less in terms of space optimization and flexibility.



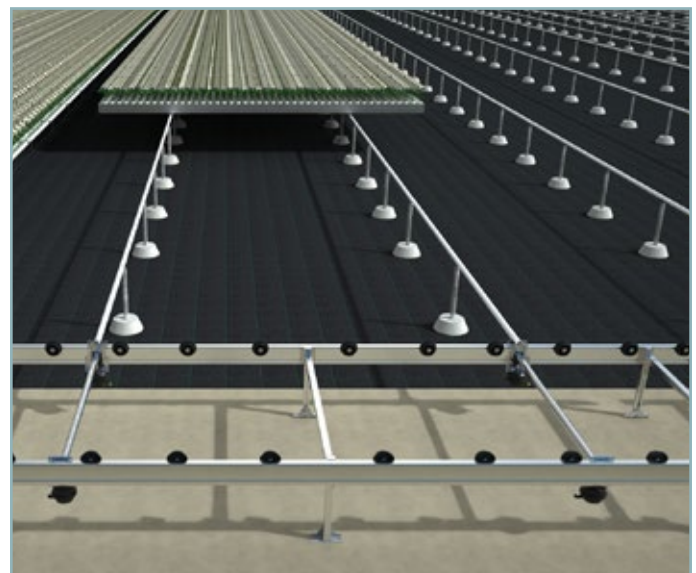
### Rolling Benches:

Rolling Benches present a versatile approach to horticulture, balancing space optimization with improved plant access and uniform growth. Their adaptable nature allows for a more efficient use of greenhouse space, coupled with the added benefits of enhanced pest control and the potential for increased yield per square meter.



### Mobile Benches:

Mobile Benches are the pinnacle of efficiency and flexibility in horticultural environments, maximizing space and productivity while ensuring excellent air circulation, drainage, and uniform plant growth. Their design significantly enhances worker ergonomics and safety, and they stand out for potentially providing the highest yield per square meter.



## BENCH SYSTEMS ADVANTAGES

	Fixed benches	Rolling benches	Mobile benches
Space optimization	--	+	++
Better plant access	+	+	++
Improved air circulation and drainage	++	++	++
Uniform plant growth	-	+	++
Enhanced pest control	++	++	++
Flexibility and adjustability	--	+	++
Improved ergonomics and worker safety	+	+	++
Improved productivity	-	-	++
Yield per m2	-	+	++

### Space Optimization:

Benching systems maximize greenhouse and indoor horticulture space by enabling multi-tier vertical plant growth, increasing the growing area without expanding the footprint.

### Better Plant Access:

Elevated benches enhance plant accessibility for pruning, harvesting, and pest management, reducing back and knee strain by eliminating the need to bend or kneel, making maintenance more comfortable and efficient.

### Improved Air Circulation and Drainage:

Benching systems improve air flow and drainage around plants, decreasing disease risk and promoting robust growth, while preventing humidity build-up and ensuring excess water is efficiently removed.



### Uniform Plant Growth:

Benching systems provide a level and consistent surface for plant placement. This helps promote uniform growth and prevents plants from being shaded or overcrowded by neighboring plants. Uniform growth contributes to better light exposure, air circulation, and overall plant health.

### Enhanced Pest Control:

Elevated benching systems reduce pest infestations by limiting soil-borne insects and fungi access, decreasing pest damage and simplifying control measures like barriers or beneficial insects.

### Flexibility and Adjustability:

Benching systems provide layout flexibility, with modular units that can be adjusted for plant sizes and growth stages, allowing for efficient space use and environmental optimization.



### Improved Ergonomics and Worker Safety:

Elevated benches in horticultural settings can significantly improve ergonomics for workers. By reducing the need for constant bending or stooping, benching systems can help prevent strain injuries and promote better posture. This contributes to a safer and more comfortable working environment for horticultural workers.

Overall, a benching system in horticulture offers space optimization, improved plant access, better air circulation, enhanced pest control, flexibility, disease prevention, uniform growth, and improved worker ergonomics and safety. These advantages make benching systems a popular choice for maximizing productivity and creating optimal growing conditions in various horticultural settings.

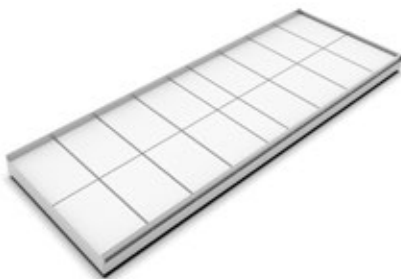
## AVAILABLE BENCH INLAYS



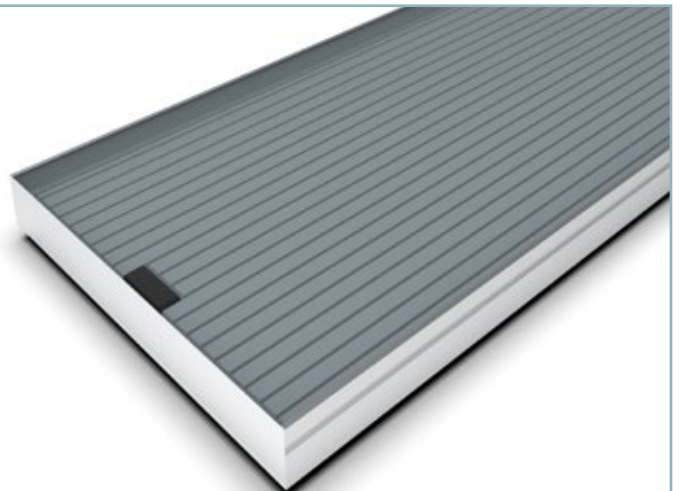
Container for crates or trays



Growing gutters that allow optimal ventilation between plants



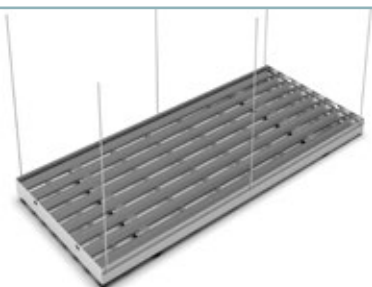
Styrofoam plates, with PE-Foil, Fleece, or MyPex on top



High quality ebb and flow trays, guarantees optimal irrigation and a dry surface after watering



Galvanized steel mesh or aluminum in different shapes and sizes



Poles and trellis systems for support of nets

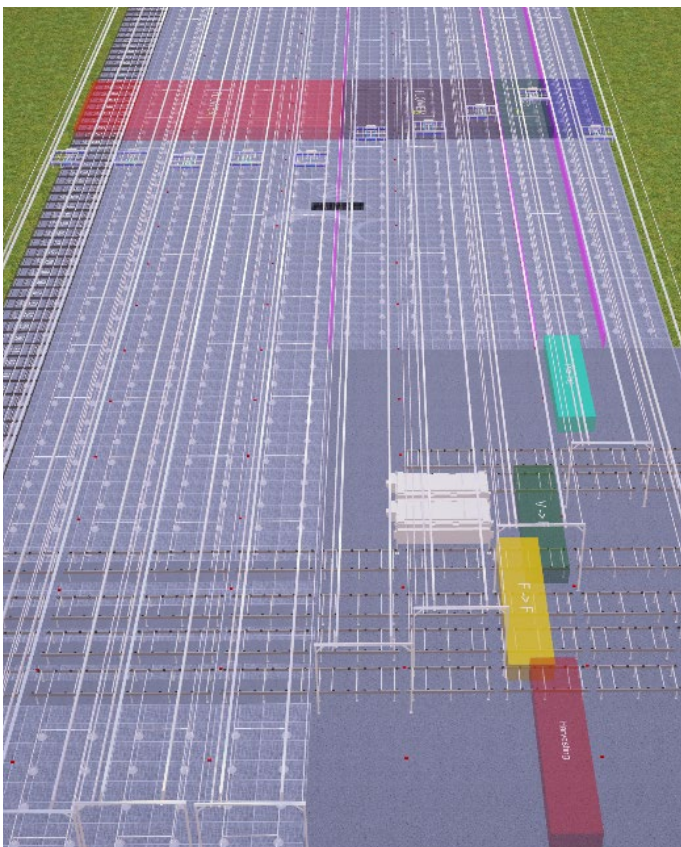


Different irrigation valves

## DESIGN YOUR GREENHOUSE

Convert all your wishes and ideas into a 3D design with the help of our 3D Configurator. Experiment with different layouts, create multiple design iterations, calculate production capacity, all while seamlessly collaborating with our sales engineers in order find the best logistics solution for your crop.

If you would like to quickly configure the 3D layout of your new grow facility, use our free 3D Configurator to bring your vision to reality. And whenever you're ready, you can get in touch with our Sales Engineers to discuss your layout or you can request a quote for your system.



<https://greenhousebenching.logiqs3d.nl/>

### New Project

Project Name

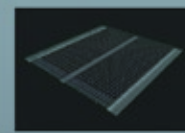
GreenHouse

Crop Name

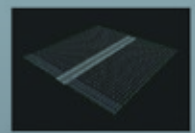
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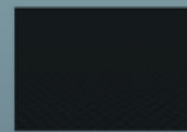
Default



WalkingPath



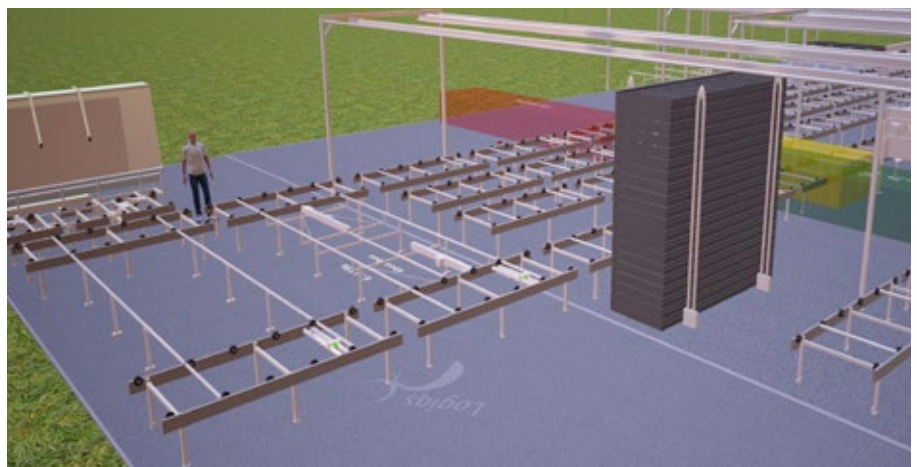
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Work Area Only

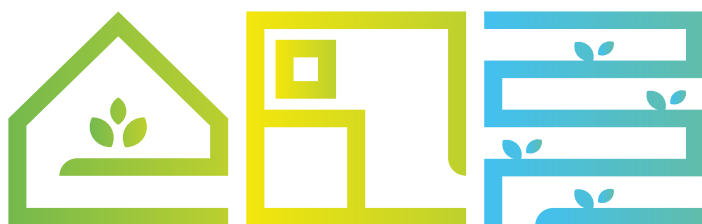


Grow Area Only





# Logiqs



Logiqs has more than 45 years of experience and know-how, gained in the field of internal transport and logistics systems for greenhouses.

Our industry leading solutions help our clients achieve a higher profitability and a stronger competitive position within the worldwide horticultural marketplace.

We advise, design, produce and install complete logistical systems, manual or completely automated, for growers specialized in: potted plants, young plants, cut flowers, tree nurseries, flower bulbs and vegetables.

**LOGIQS B.V.**

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