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Grow Consultation

# INDOOR *Cultivation* SOLUTIONS

 **PIPP**<sup>®</sup>  
HORTICULTURE

**GGSS**<sup>™</sup>  
STRUCTURES  
DIVISION OF PIPP HORTICULTURE



# Why PIPP? HORTICULTURE



Pipp offers the most **innovative, integrated and effective** product line in the industry - **all made in the USA!**



With systems installed in over **3,000 grow rooms**, Pipp has the most installations of Mobile Vertical Farming Systems worldwide!



Pipp's Factory Direct Sales, certified installation team, in-house design/R&D teams and cultivation consultants, lead to the **best pricing, support, and service** in the industry!

*Contact Us Today!*

(616) 988-4044

[pipphorticulture.com](http://pipphorticulture.com)

[info@pipphorticulture.com](mailto:info@pipphorticulture.com)



## *Elevate. Cultivate. Grow.™*

Mobile Vertical Racking Systems are **essential** for top indoor cannabis cultivation facilities. Pipp Mobile Storage Systems, Inc. has dominated the Mobile Storage Industry for over 40 years. We carried that same passion over to Pipp Horticulture and developed a comprehensive product line of Vertical Farming Solutions for the indoor cannabis cultivation industry. Pipp systems allow cultivators to maximize every inch of their facilities by increasing canopy space and production by **up to 5 times**, while minimizing operating costs.

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# 6 THINGS TO CONSIDER WHEN SELECTING A Vertical Rack Provider

The vertical farming industry is *growing every day!*

Grand View Research estimates that the global vertical farming product market will **grow by 25.7%** by 2027. For indoor cultivation, mobile vertical racks are a vital tool for a successful growth system and can increase both yields and annual revenue.

Here are **6 things to consider** when selecting a Vertical Rack Provider.

1

### *Dedication*

Are they dedicated to the horticulture market?

2

### *Innovation*

Do they provide innovative tools that enhance your yields?

3

### *Lead Times*

What are the lead times? Are products sourced in the USA?

4

### *Integration*

Do they offer integrated tray systems?

5

### *Drive System*

Is a continuous drive shaft a standard feature?

6

### *Service*

Do they put the customer first from sales to service?

With **over 40 years of experience** in the mobile racking industry, Pipp Horticulture is not just a provider, but a partner. Our certified installation team and the most experienced cultivation experts in the industry provide companies with custom solutions that maximize their grow space!



# Vertical GROW PRODUCTS

## Vertical Grow Systems

Pipp's mobile vertical grow rack systems allow cultivators to maximize their cubic canopy footprint without increasing the square footprint of the space. Vertical farming increases production capability, reduces operating costs, and boosts revenue per square foot.

Pipp's vertical grow racks can be built up to 56' long and 16' high (larger systems require engineering approval). Pipp's team of in-house engineers, CAD designers, sales support, and cannabis operators provide partners with unparalleled support to ensure operational success.

Pipp Horticulture, GGS Structures, Greenhaus Industries, and Vertical Air Solutions are leaders in creating **innovative solutions** for the horticulture industry and have been awarded several U.S. patents for their technological innovations. Pipp Horticulture offers professional installation across North America and all products are proudly made in the USA!

## Vertical Grow Rack Systems



- 1: Vertical Grow Rack
- 2: Grow Tray
- 3: Mobile Carriage
- 4: VAS Airflow System

# Vertical GROW PRODUCTS

## Benefits of Pipp Horticulture

- Easily integrated with irrigation & drainage systems, lighting, airflow, and other elements necessary for operations.
- Installation fully included with purchase and performed by Pipp's certified, licensed team of installers.
- NSF certified product solutions available.
- Pipp can provide safety and seismic zone compliance reviews.
- We offer Grow Room Design and Equipment Integration Consultations with our highly experienced team of cultivators to help maximize your grow operations and efficiencies.
- No facility is too large or too small.
- Low Cost. High Value. Dependable and Trusted.
- Pipp offers the most comprehensive line of accessory products to complete your grow room setup.

## Additional Products



Carts & Lockers



Drying Racks



ELEVATE® Platform System



VAS Air Circulation System



Dispensary Storage

**AND MUCH MORE!**

Visit our website for a full product list.



# TOP 5 VERTICAL FARMING MYTHS BUSTED

## **MYTH 1:** *“We can’t have people working in multiple aisles at once.”*

You have the freedom to design as much aisle space as you would like. An aisle of more than 24” enables the users to split or share aisle space, creating multiple simultaneous access points throughout the room.

## **MYTH 2:** *“It takes too long to access and service the upper levels.”*

As the leading provider of Mobile Vertical Grow Rack Systems, Pipp Horticulture made it our personal mission to solve one of vertical farming’s main challenges - how to access the upper levels. Our dedicated team developed our patent-pending ELEVATE® Platform System. ELEVATE® is a modular catwalk system that creates an entire full length walking and working aisle platform, allowing cultivators to quickly and safely service the upper levels of their grow.

## **MYTH 3:** *“The double-density and layers won’t allow for good airflow.”*

Vertical Air Solutions’ air circulation systems are extremely beneficial in maintaining a healthy environment. The VAS system pushes filtered and CO2 infused air down the entire aisle, level by level, applying an even blanket of airflow over the entire canopy, maintaining ideal humidity level and temperature 24/7!

## **MYTH 4:** *“Upper level drainage will be very difficult.”*

It’s simple! With our Pipp Horticulture (included) bulkhead drain fitting, flex hose tubing is simply attached to the bottom of each fitting, directed to the tray below, and ultimately to an exit pipe below our lower carriage.

## **MYTH 5:** *“The rows are hard to move due to the multiple levels.”*

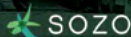
They are incredibly easy to move, even at 60’ long and 3+ levels high! Our dynamic gear ratio system and 3-prong ergonomic handle enables easy and smooth movement of the carriages, while converting fixed aisle space into productive canopy!



*"They are very professional and have an excellent customer service team. Their team came into the facility and did all the installation, allowing us to ultimately **double our canopy.**"*



*"Using Pipp racking is a decision I would make **10 times out of 10.**"*



*"The Pipp Mobile carriage system, in conjunction with their ELEVATE® system, has really revolutionized our cultivation techniques and increased our output by a minimum of **40% per room.**"*

**Jushi**

*"Pipp racking is a **great product**, easy to use, easy to install, and the price point is on point."*




**FLORA TERRA**









**PIPP HORTICULTURE**

-  (616) 988-4044
-  [info@pipphorticulture.com](mailto:info@pipphorticulture.com)
-  [pipphorticulture.com](http://pipphorticulture.com)

**GGG STRUCTURES**

-  (905) 562-7341
-  [ggs-greenhouse.com](http://ggs-greenhouse.com)

