

EXPERIENCE THE
ENTOURAGE
EFFECT

THE ENTOURAGE EFFECT

By leveraging the collective expertise of our divisions, Pipp Horticulture has crafted a comprehensive product line that works synergistically to **boost productivity** and **optimize results** across your entire grow operation. Just as individual cannabinoids and terpenes interact to produce a more potent outcome, our integrated solutions amplify one another, providing you with a seamless, high performance grow environment that maximizes your crop potential at every stage.



MEET OUR **LINE-UP**



Pipp Horticulture

The industry leading provider of **Mobile Vertical Storage Solutions** with installations in 3,000+ grow rooms world wide.



Vertical Air Solutions

A patented **In-Rack Airflow System** provides canopies with uniform, top-down airflow while homogenizing the climate.



Greenhaus Industries

Grow Trays with connection points for lights, air circulation, and plumbing with fungal-resistant & anti-microbial properties.



GGS Structures

A world-class designer, installer, and commercial greenhouse manufacturer that offers a variety of greenhouse technologies.



PIPP HORTICULTURE

Pipp is the industry leading provider of Mobile Vertical Grow Solutions with installations in **over 3,000 grow rooms** worldwide. Pipp's Mobile Vertical Grow Systems have been fully redesigned to combine the top features of Pipp's products with Grow Glide Innovations. With a **new modular design**, this system provides increased tray and aisle accessibility, improved packing density for transportation, and a more flexible installation process. These systems are fully customizable to meet all of your needs and maximize your grow space.

THE **ULTIMATE GROW SYSTEM**





MODULAR **CARRIAGE**

Pipp's Mobile Vertical Racking Systems feature a Modular Carriage with a durable construction and **corrosion-resistant materials** that increase the lifespan of the carriage and allow it to easily handle the weight load of any cultivation style. These systems are available in custom sizes to optimize your space and adjustable Anti-Tip Mechanisms allow for seismic compliant designs

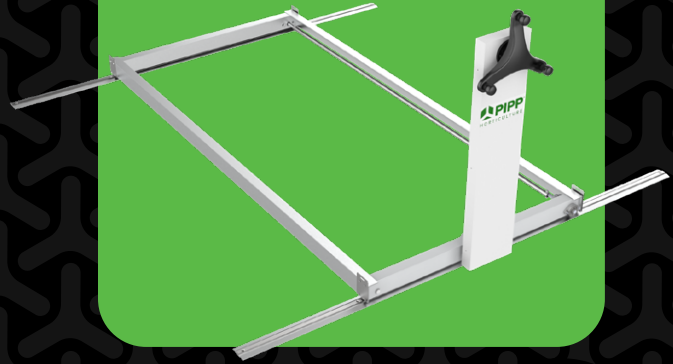
NEW **FEATURES**

- **Skate Channel System:** Creates easy to access aisles with improved alignment and smooth rolling performance.
- **Central Spanner:** Maximizes tray access by removing obstructions.
- **Direct Drive Mechanical Assist:** Shifts Drive Box to left side and reduces connections/failure points.
- **Drive System:** Extends the maximum length for both driven and manual systems.
- **Uprights:** Improved connections/corrosion protection by eliminating the need for self-drilling fasteners.
- **Drop-In Drive Pipe:** Improves the durability of drive connections and allows for easy installation.



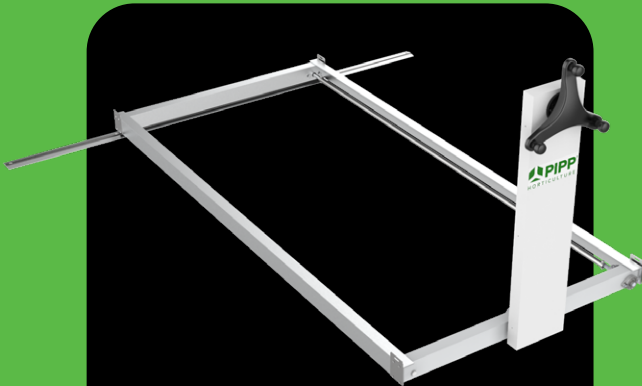
MECHANICAL-ASSIST CARRIAGE

Pipp's Mechanical-Assist Carriage System lets you **create an aisle** in whichever zone you need to service. Whether you have one, two, three, or more levels in the cultivation space, the vertical racks can be moved to make way for the team to tend to plants. The carriage has a marine-grade aluminum construction with **corrosion-resistant properties** and a galvanized steel drive pipe.



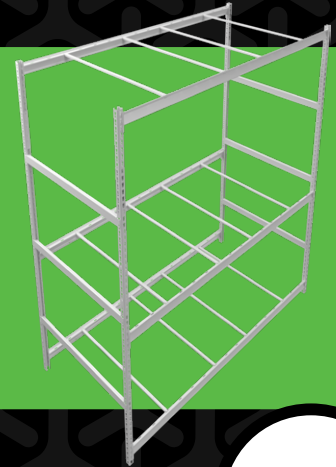
TRAK-FREE™ CARRIAGE

The revolutionary advancement of our **patent-pending** TRAK-FREE™ Carriage System features a single guide rail along the back of the system. By **eliminating multiple tracks** in the walkway, we reduce the cost of installation. The TRAK-FREE™ Carriage System leaves the entire floor open to move carts and ladders in the grow room, clean debris, and comply with GMP requirements.



VERTICAL **GROW RACKS**

Pipp's Vertical Grow Racks are constructed from durable 14-gauge steel and feature a **dual-coat finish** with an E-Coat base layer for corrosion protection and a top layer of white powder coating with anti-microbial and anti-fungal properties. The modular, knock-down design with adjustable cross supports ensures openings are available for third-party add-ons and makes installation quick and easy.



DRYING **RACKS**

Pipp's Dry/Cure Room Racks are the **most efficient solution** to maximize the square and cubic feet of your dry room. The racks can span the full height of the room, while a mobile carriage eliminates the need for fixed aisles between racks, allowing you to install more racks and dry more plants within the same footprint.



ELEVATE® PLATFORM

The ELEVATE® Platform System is a robust, lightweight, and portable deck that allows cultivators to access the upper levels of Pipp's Mobile Vertical Grow Racks quickly, efficiently, and most importantly – safely. This **patented** system integrates with Pipp's Bulk Rack Shelving Systems without any modifications. The ELEVATE® Platform System can be installed on new or existing mobile vertical grow racks. Pipp offers design services to customize your ELEVATE® System to fit your mobile vertical grow racks.





**COMBO
CART**



**NESTING
DRYING RACK**



**SECURED
STORAGE**

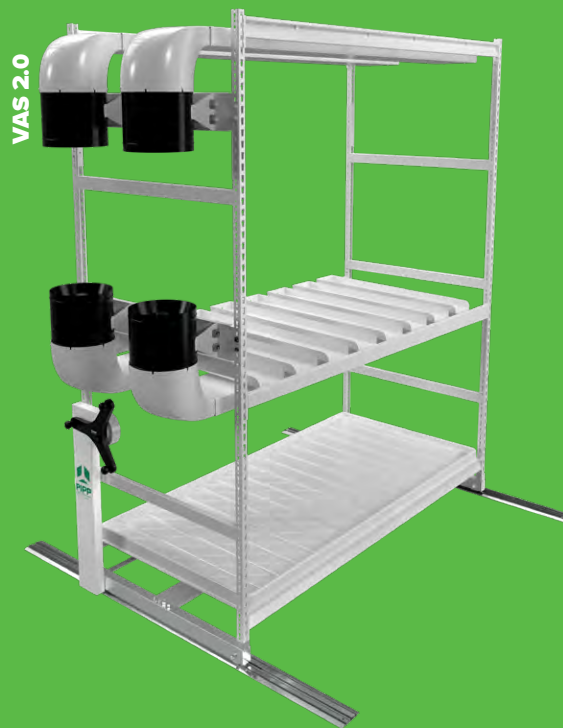
POST-HARVEST & DISPENSARY **STORAGE SOLUTIONS**

From **mobile storage carts and racks, to lockers, ladders, secured storage, and more**, Pipp offers all of the facility, post-harvest, & dispensary storage solutions needed for a successful grow operation.

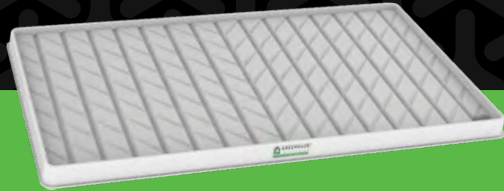
These products are great add-ons to Pipp's Mobile Vertical Racking System and help **improve the workflow, organization, and efficiency** of your facility, saving you time and money.

VERTICAL AIR SOLUTIONS

The next generation of **In-Rack Airflow Systems** by VAS® has arrived. Every component of the **VAS® 2.0** has been fully redesigned and optimized to deliver the highest air velocities possible while maintaining consistent performance across varying row lengths. New materials and construction methods were carefully chosen to simplify installation and reduce costs without sacrificing quality. **Highly modular** with multiple configurations, this system was designed to meet the airflow needs of your crops.

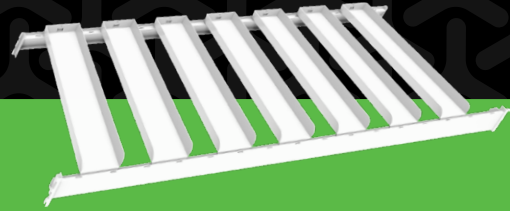


GREENHAUS INDUSTRIES



ABS GROW TRAYS

ABS Grow Trays are utilized for **Drip-to-Drain irrigation styles**. Made from a durable ABS plastic almost 5mm thick, Pipp uses a deep-draw thermoformed process to design a tray with a **built-in slope** to ensure proper drainage. The ABS material also has a co-extruded acrylic cap to provide UV stability as well as **anti-microbial and fungal-resistant properties**. Trays can be adjusted to provide even greater slope if desired by the customer for unique growing conditions by simply adjusting the support beams.



AIRFLOW GROW TRAYS

Airflow Grow Trays were designed with airflow and flexibility in mind. The sectional trays allow for **unobstructed airflow** using a combination of natural convection and the improved performance of in-rack airflow solutions (VAS). Trays can be positioned to hit any plant density target. The trays are designed for **Drip-to-Drain irrigation** and are great for any grow medium/pot selection, especially Rockwool grow slabs. The gaps between trays allow for sprinkler pass-through, making fire code compliance a breeze.



GREENHAUS INDUSTRIES



COMBINATION GROW TRAYS

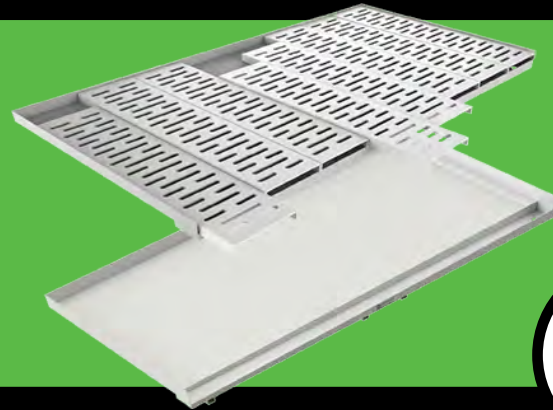
With Optional HDPE Inserts

These made-to-order trays are designed for use with **Drip-to-Drain irrigation** or **Ebb-and-Flow**. Utilize these trays with Pipp's Mobile Vertical Grow Racks and mobile carriages to create the most efficient indoor grow space.

DRIP-TO-DRAIN GROW TRAYS

With Optional HDPE Inserts

Drip-to-Drain Trays are perfect for **Drip-to-Drain irrigation** vertical grow systems. They feature a robust aluminum construction for corrosion resistance, as well as optional HDPE Inserts that are **fungal-resistant** and **anti-microbial**.

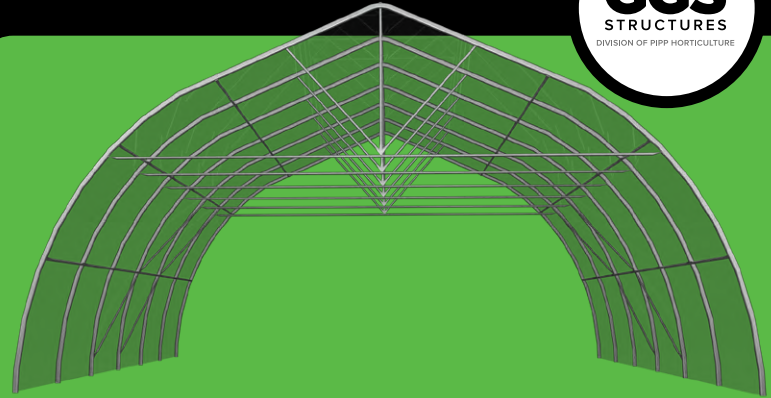


GGG STRUCTURES

GGG is a world-class designer, installer, and **commercial greenhouse manufacturer** that offers high-quality structures such as:

- Cannabis Greenhouse Facilities
- Indoor Cannabis Grow Facilities
- Curved Glass Greenhouses
- Gutter Connected Poly Greenhouses
- Wide-Span Greenhouses
- Low-Profile Venlo Greenhouses
- Freestanding Greenhouses
- High-Tunnel Structures
- Cold Frame Structures
- Shade Structures

The GGG approach to greenhouse design is centered around the prosperity of your crops. The structures are tailored to your **custom specifications** and **optimized** for the well-being of your plants.



FREESTANDING GREENHOUSES

Freestanding Greenhouses are a great option for floriculture, nursery, produce crops, and growers who need **unique environments** for different crops. This style of greenhouse offers a more natural airflow, **optimizes space**, and is suitable for use in even the harshest of climates.



GGG STRUCTURES

GGG Structures also offers a variety of **greenhouse enhancements**, including products such as:

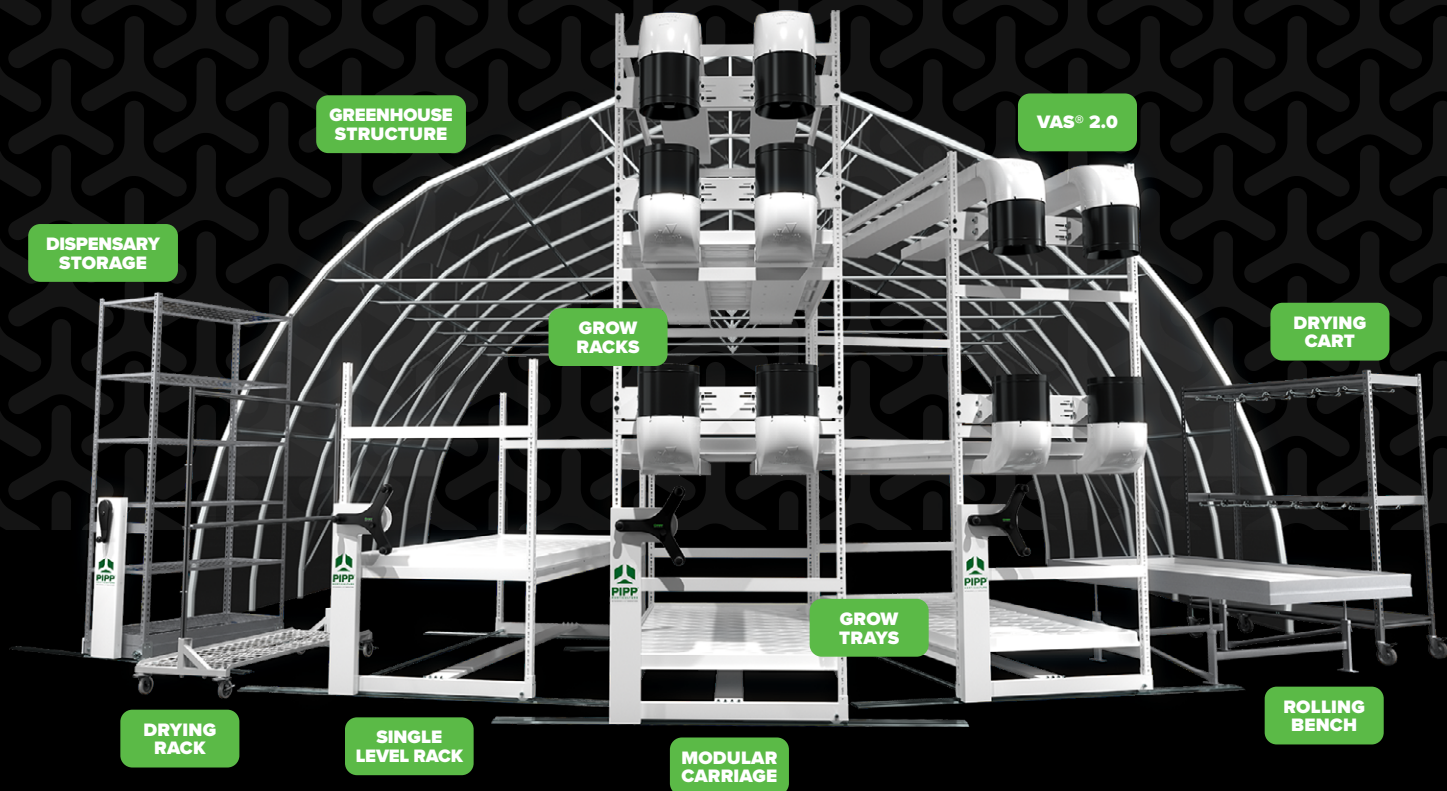
- Single-Level Rolling Benches
- Shade Curtain Systems
- Insect Screens
- Greenhouse Controls
- Heating Systems
- Lighting Options
- Dehumidification
- Humidification & Cooling
- Irrigation
- Fans
- And More!



ROLLING BENCHES


Unlock up to **50% more plant space** with Single-Level Rolling Benches! These innovative benches feature a **movable aisle**, maximizing your cultivation area. Choose from expanded metal, ebb-and-flood trays, or irrigation troughs. Easy installation with snap-together profiles and factory-welded stands.

THE ULTIMATE GROW SYSTEM





Contact **Pipp Horticulture's** experienced team of indoor cannabis operators and designers to learn how to maximize your grow space!

 (616) 988-4044

 info@pipphorticulture.com

