

A photograph of a vertical farming facility, showing multiple levels of plants growing in a structured, industrial environment. The plants are arranged in rows on different levels, and the overall scene is dimly lit, emphasizing the greenery.

TOP 5 VERTICAL FARMING
MYTHS
BUSTED

I'm concerned about all the **extra time** it will take to access and service the upper levels.

As the leading provider of Mobile Vertical Grow Rack Systems, Pipp Horticulture took it as our personal mission to solve one of vertical farming's primary challenges - how to access the upper levels. Our dedicated in-house team of engineers and cultivation experts 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. Even before ELEVATE™, the increase in production outweighed the added labor required to service the upper levels. ELEVATE™ has taken this benefit even further.





We won't be able to have people working in **more than one aisle at a time.**

You have the freedom to design in as much aisle space as you would like to have. An aisle of more than 24", such as 36", 44", 48", or even 60"+ enables the users to split or share aisle space, creating multiple simultaneous access points throughout the room. Unlike typical rolling AG benches, which have limited lateral movement, Pipp Horticulture **rail-based systems allow for full use of the entire aisle space**, which can be applied to one specific aisle, or shared throughout multiple aisles.



The double-density and layers will not allow for enough **airflow**.


This is why **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! Some growers choose to utilize traditional fans, air socks, or any other air movement device of their choice. All of these solutions can mitigate this concern completely when properly implemented.





Upper level **drainage** will be very difficult.

It's actually really 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. See our gallery for references and further detail at pipphorticulture.com/gallery.



The rows will be **hard to move**, like rolling benches but even harder because they are two, three, or four levels high.

They are actually 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!

