

GROW

An In-Depth Look at GROW Systems

GROW systems eliminate wasted aisle space and allow for multiple levels of growing area. By maximizing space, reducing energy use, and improving efficiency, these systems help create better places to work and grow.

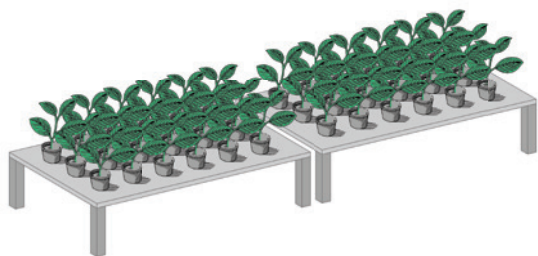
You're the experts in growing. We're the experts in growing more.

The GROW Mobile System allows tables to slide together by mounting shelving on rails that are installed in or on top of your existing floor. Simply open the aisle you need with an ergonomic handle or the touch of a button.

PROBLEM

Static Tables Waste Space

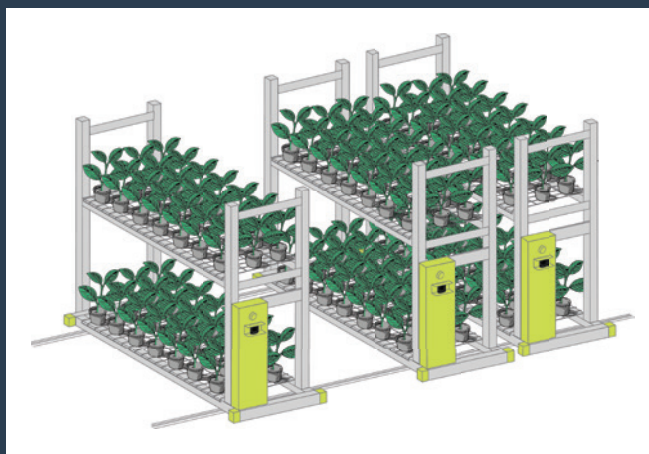
Static tables waste space both vertically and horizontally. Every aisle is a missed opportunity to grow more, and you're paying to heat and cool empty air above the tables.



THE SPACESAVER ADVANTAGE

Go Vertical for up to 4X the Yields!

Eliminate wasted space with GROW shelving systems to double your capacity. Go vertical to boost yields by up to 4X with multiple growing tiers!



SOLUTION

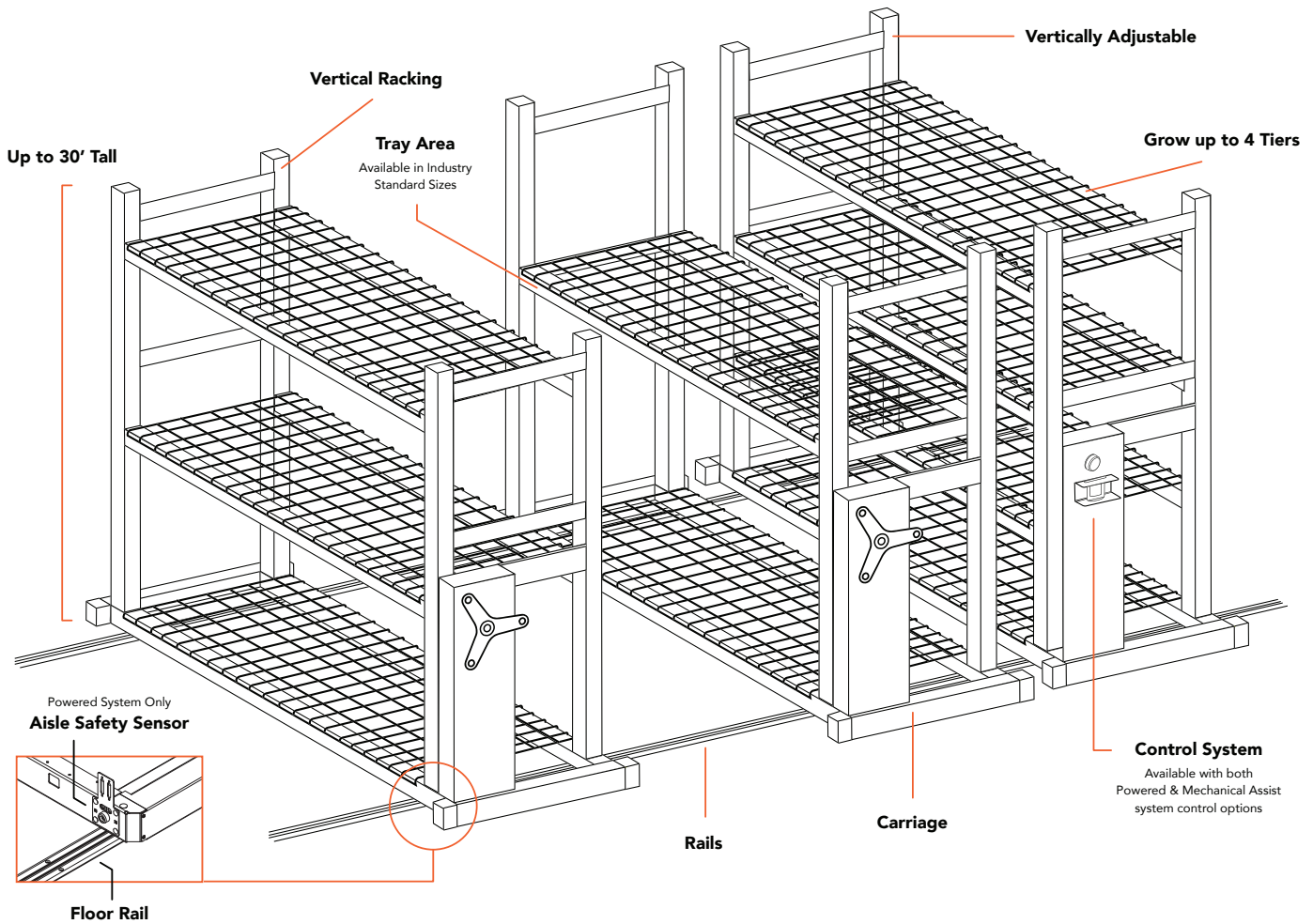
GROW Systems Maximize Yield

Our mobile systems move together, taking full advantage of available floor space. They can also reach up to 30 feet tall, allowing for two, three, or even four tiers of growing space.



Components that work together. From the ground up.

GROW components work together to save space and create a safe, efficient work environment. Sections are available in 3x4, 4x4, 3x8, and 4x8, with custom sizes available on request.



Floor Rails

In-floor or top-mount rails guide the carriages that support the GROW system.



Carriages

Provide the base of the GROW system to move shelving sections to access individual aisles.



Tray Area

Sturdy platforms in industry standard sizes compatible with lighting & irrigation systems.

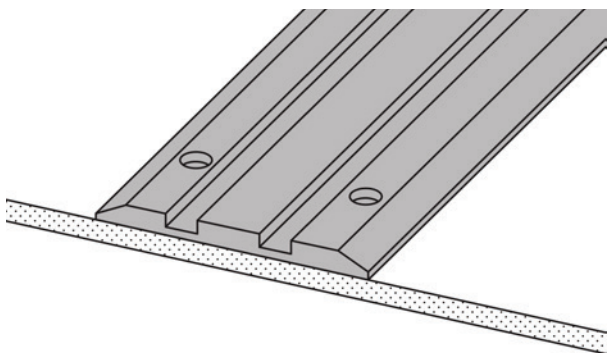


GROW Vertical Racking

Extending up to 30 feet tall, vertical racking ensures you're maximizing your space.

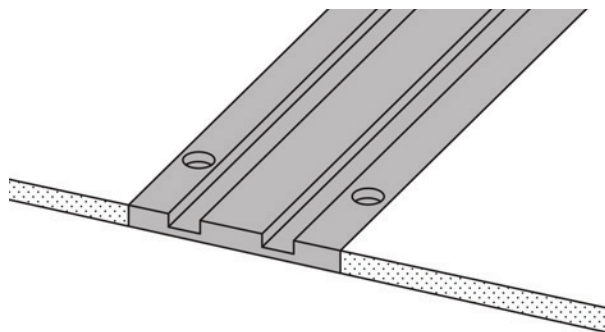
Starting with a firm foundation: Rail Options

Rail systems safely guide our GROW shelving sections to maximize your space and provides access to the aisles you need. Rails can be installed into new or existing flooring, or they can be placed on top of existing floors. Staggered joints provide smooth transitions throughout the room.



Top-Mount Rails

Installed on top of new or existing floors. They're available in steel with rust-proof black zinc finish or stainless steel. This is a more cost-effective option but it results in a noticeable bump when pulling bins or carts across the floor.



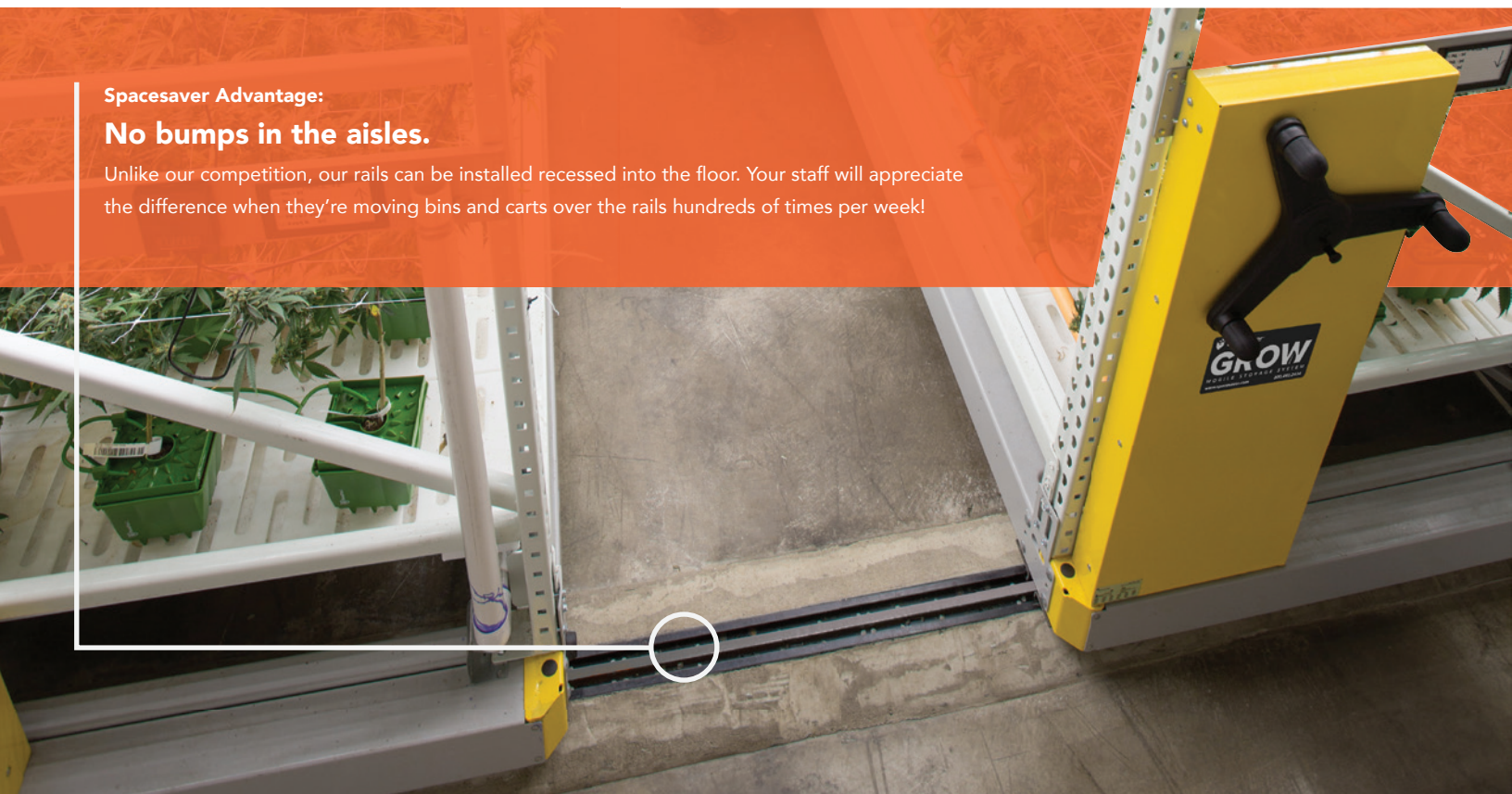
In-Floor Rails

Recessed into the concrete slab in new or existing floors. These rails are steel with a rust-proof black zinc finish and are installed flush with the floor. They're easier to keep clean and avoid the "bumpy ride" of rails that are installed above the floor.

Spacesaver Advantage:

No bumps in the aisles.

Unlike our competition, our rails can be installed recessed into the floor. Your staff will appreciate the difference when they're moving bins and carts over the rails hundreds of times per week!



Engineered for smooth and consistent operation:

Mobile Carriage Sections

Carriages interface between the rails and shelving, housing mechanisms that allow for safe, reliable, and effortless movement. Spacesaver's GROW systems are made of solid steel and can bear loads up to 7,000 per carriage section. Six-inch-diameter wheels in a dual-flange guidance system provide decades of smooth, reliable operation. Mechanical-Assist systems can span a maximum length of 54' on unlevelled rails, while our Powered Systems can span a maximum length of 60' on unlevelled rails.



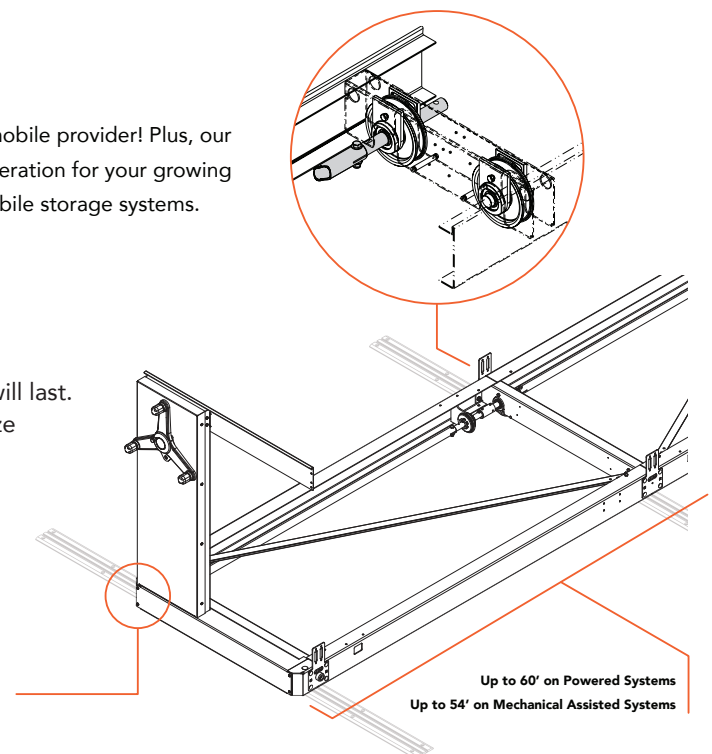
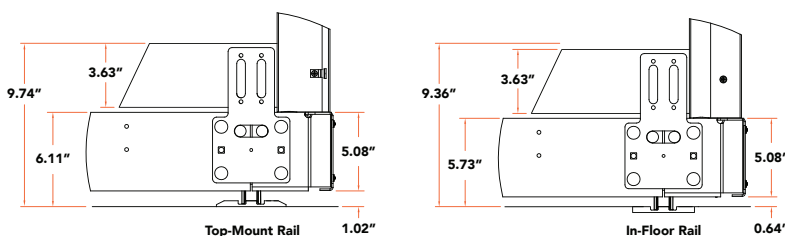
Spacesaver Advantage:

Optimize larger spaces with the industry leader.

Our carriages can extend up to 54 feet. That's 6 feet longer than any other mobile provider! Plus, our systems stay properly aligned for decades, ensuring long-lasting, efficient operation for your growing operation. Optimize larger spaces with Spacesaver, the industry leader in mobile storage systems.

Engineered for the long haul.

When it comes to long spans of shelving moving on rails, precision and alignment are two major factors in determining how long your system will last. Our carriages use a patented guidance system and 6" wheels to stabilize motion, and correct for any misalignment to make sure the pieces of your system stand the test of time and serve you for decades to come.



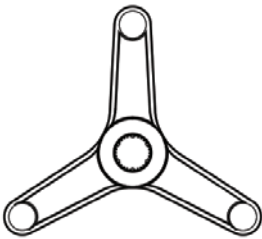
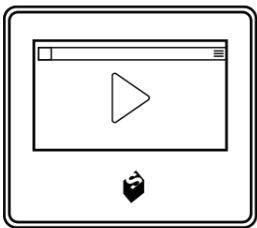
Access any aisle with ease: Modes of Operation

Open aisles with ease, whether using our mechanical assist or powered systems.

Spacesaver Advantage:

The ultimate safety solution.

Keep staff safe with patented safety systems that have stood the test of time.



Powered System

Standard or Touchpad control options

Aisles open with one-touch motor-driven system

Optional dual controls allow access from both ends of the system.

Infrared distance sensors position carriages precisely for optimal alignment.

Overhead power distribution system keeps aisles free of wiring obstructions.

SAFETY FEATURES:

PhotoSweep® extends along the length of carriage, stopping movement when obstruction is detected.

Aisle entry sensor automatically stops or prevents carriage movement when a user enters/exits the aisle.
Manual aisle check & reset required for movement.

Mechanical Assist

Handle-driven mechanical assist

Various gear ratios available for ease of system movement

Optional dual controls allow access from both ends of the system.

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SAFETY FEATURES:

Anti-roll passive safety feature prevents carriage from rolling when safety lock is engaged.

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Custom built to optimize your facility:

Vertical Racking

Take your grow operation to the next level with systems that extend up to 30 feet tall. Constructed of heavy-duty steel and coated in powder-coat paint, GROW vertical racking is designed to provide stable, long-term support for plants, pots, and everything else you need to create an optimal growing environment. Our optional GROW powder-coat paint meets salt water corrosion resistance requirements (ASTM B-117).

1. Frames

Available in heights up to 30 feet, our frames consist of two separate uprights and horizontal braces that are fully welded to handle higher load capacities.

2. Beams

Beams are always placed at the top and the bottom of each upright. Additional beams can be positioned 3' to 7' apart to create additional growing space.

3. Decking

Waterfall wire is our most popular decking option, and decking on an upper shelf typically supports the lighting for the table below. If lighting is hanging from the ceiling, decking might not be required on the top level.

4. Growing Trays

Trays are available in custom sizes as well as these standard sizes: 3x4, 4x4, 3x8, 4x8



Straight-Drain Trays

These trays provide drains at two corners. The trays can be set at an angle by adjusting the beam heights for desired water flow. We offer optional accessories to help prevent moisture build-up under pots.



Fully integrated systems: **Build your Complete Solution**

Custom Solutions for Every Space

As a custom manufacturing firm, we take pride in creating systems that make the most of every cubic inch of space. Need to work around odd-shaped mechanical systems? We've got you covered. Want brackets or other custom accessories? We'll work with you to figure it out, ensuring you get nothing but the best.



Lighting

GROW systems are built to accommodate any available lighting system.

+



Irrigation

Any irrigation or fertilization system can be integrated with GROW systems.

+



Ventilation

GROW vertical racking is designed to support any ventilation system

Want to grow more? Let's get started.

When you're ready to optimize space and improve efficiency, contact us to tap into our expertise. Our engineers and project managers can team up with your local Spacesaver consultant to deliver planning and design services, high-quality products, and unparalleled customer service.

- **Safe & Robust Shelving Systems**
- **Compatible with all Lighting, Irrigation, and HVAC**
- **300,000 Installations Worldwide**
- **Engineered & Manufactured in Wisconsin, USA**
- **Local Space Planning, Installation, and Maintenance**
- **Spacesaver is 100% Employee-Owned**

Contact us to arrange a free, no-obligation consultation with your local Spacesaver representative. We look forward to doing business with you.

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