

# GROW

more with us.







**You're the  
expert in  
growing.**

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

As cannabis legalization expands, indoor cultivators are striving to produce consistent, high-quality products while also controlling costs and boosting yields. Optimizing space in new or existing cultivation facilities is a smart way to gain more canopy in less space.

Whether you're planning a new building or retrofitting your existing facility, Spacesaver is your one-stop shop for expert space-planning assistance and the best products in indoor horticulture. Our consultants work with you and your team to improve efficiency and increase profits at every step along the way.



# GROW your yields and **GROW** your profits.

The GROW Mobile System eliminates wasted aisle space and allows for multiple levels of growing area. By maximizing space, reducing energy use, and improving efficiency, it helps create better places to work and grow.

## ELIMINATE WASTED AISLE SPACE

Shelving slides on rails to maximize grow area. Aisles open when and where you need them.

## SAVE ON CLIMATE CONTROL COSTS

Growing more plants in the same space means reduced energy costs per plant.

## GO VERTICAL

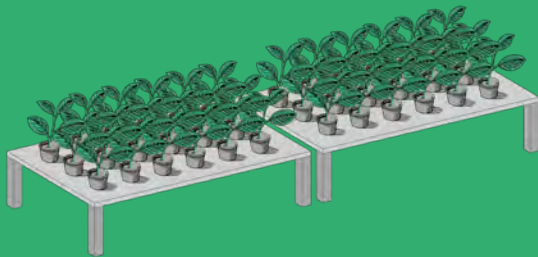
Gain even more grow area with multiple tiers.

## IMPROVE AIRFLOW / LIGHT EXPOSURE

Welded uprights with horizontal bracing provide large openings for lighting and ventilation systems.

## CREATE MORE COMFORTABLE WORKING CONDITIONS

Create wider aisles and use racking that's comfortable to reach across.



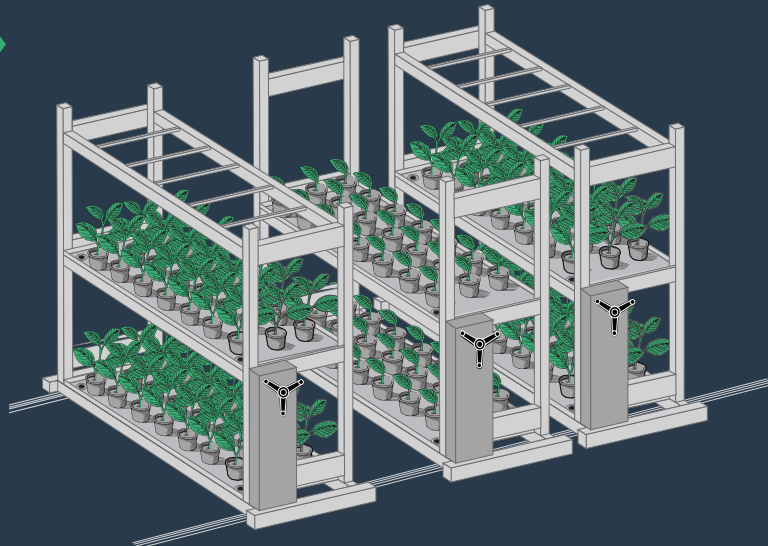
### CHALLENGE Standard Tables Waste Space

Standard 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.

## SOLUTION

### The GROW Mobile System Maximizes Yield

The GROW system moves to take full advantage of available floor space. It can also reach up to 60 feet long and 30 feet tall, allowing for two, three, or even four tiers of growing space.





# GROW more with us

We offer the quality, service, and expertise you need to improve efficiency and profitability.

## Quality & Durability

- Tens of thousands of Spacesaver systems have been in continual use for decades
- Durable materials including heavy-duty steel and anti-corrosion coatings
- Made in the USA

## Safety

- Ergonomic handles with no pinch points
- Anti-tip option available
- Uprights accommodate accessories while maintaining structural integrity
- Safety lock prevents unexpected movement

## Experience & Local Expertise

- Expert local space planning services
- System installation
- Staff training on system use
- Long-term service and maintenance
- Nearly 50 years in business
- 300,000 installations throughout North America and around the world

## Customized for You

- Designed specifically for your space and your needs
- Phased installation available

## Complete Solutions

- We bring our own expertise or we can work with your consulting team
- Integrate your existing racking, lighting, irrigation, and other systems or we can advise on new systems
- Our partnership with Hawthorne Gardening Company offers the best brands in horticulture

## Set up for success

Spacesaver and Hawthorne Gardening Company offer a full suite of complementary services and products for new builds or renovations.

- Expert space planning services
- Consulting on lighting, irrigation, & other systems
- Installation and long-term maintenance
- Staff training on system operation





GROW systems show a rapid ROI and can be installed in existing facilities or new construction.

#### CASE STUDY

## Growing more medical cannabis

This medical cannabis cultivation facility installed the GROW Mobile System to gain higher yields in its grow rooms.

#### GOAL:

**Optimize space to gain higher yields**

A controlled environment is key to growing a consistent product. The owners of this indoor cultivation facility were paying to control temperature, air flow, and humidity in their grow rooms, but they were wasting space and missing out on profits.

#### ACTION:

**Install GROW systems**

To take full advantage of the facility's square footage and its vertical space, the local Spacesaver consultant designed and installed two-tier racks and 42-foot-long carriages. The sturdy GROW racking accommodated the facility's existing lighting, ventilation, and irrigation systems.

#### RESULT:

**Increased yields with immediate ROI**

The system worked so well that the owners decided to install systems in all the facility's flowering rooms. In each case the local Spacesaver service crew worked with staff to minimize disruption and downtime, timing the consecutive GROW system installations to coincide with the end of each room's harvest.

*"We went from 10 tables to 18, and now we have way more aisle space. That keeps the employees safe and happy."*

**GENERAL MANAGER,** Medical Cannabis Cultivation Facility

# GROWING together. From the ground up.

## Rail Options

Rail systems guide GROW carriages to optimize space and provide access to aisles. Rails can be installed into new or existing flooring or they can be placed on top of existing floors. Regardless of which rail option you choose, smooth carriage movement is assured due to staggered joints that provide smooth transitions throughout the room.



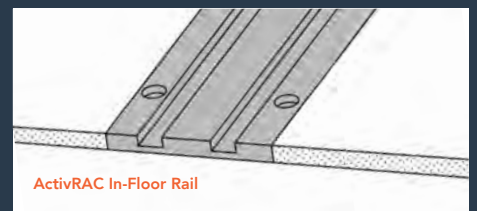
Floorless Surface-Mount Rail



Floorless Anti-tip Surface-Mount Rail



ActivRAC Surface-Mount Rail



ActivRAC In-Floor Rail

### Surface-Mount Rails

- For corrosion resistance, base channel is extruded aluminum alloy, and rail is hardened steel with a zinc-coated bar
- Top of rail extends .5" above floor surface meeting ADA requirements
- Anti-tip option available

### In-Floor Rails

- Available in corrosion-resistant stainless steel or zinc-coated steel
- Rail is flush with floor surface
- Anti-tip option available

## THE SPACESAVER ADVANTAGE:

## Engineered for the long haul

Designed for decades of reliable operation, this complete solution offers robust components and unmatched attention to detail.



Rails are designed to resist corrosion and facilitate smooth carriage movement.



GROW White paint offers antimicrobial protection, high reflectivity, and corrosion resistance.



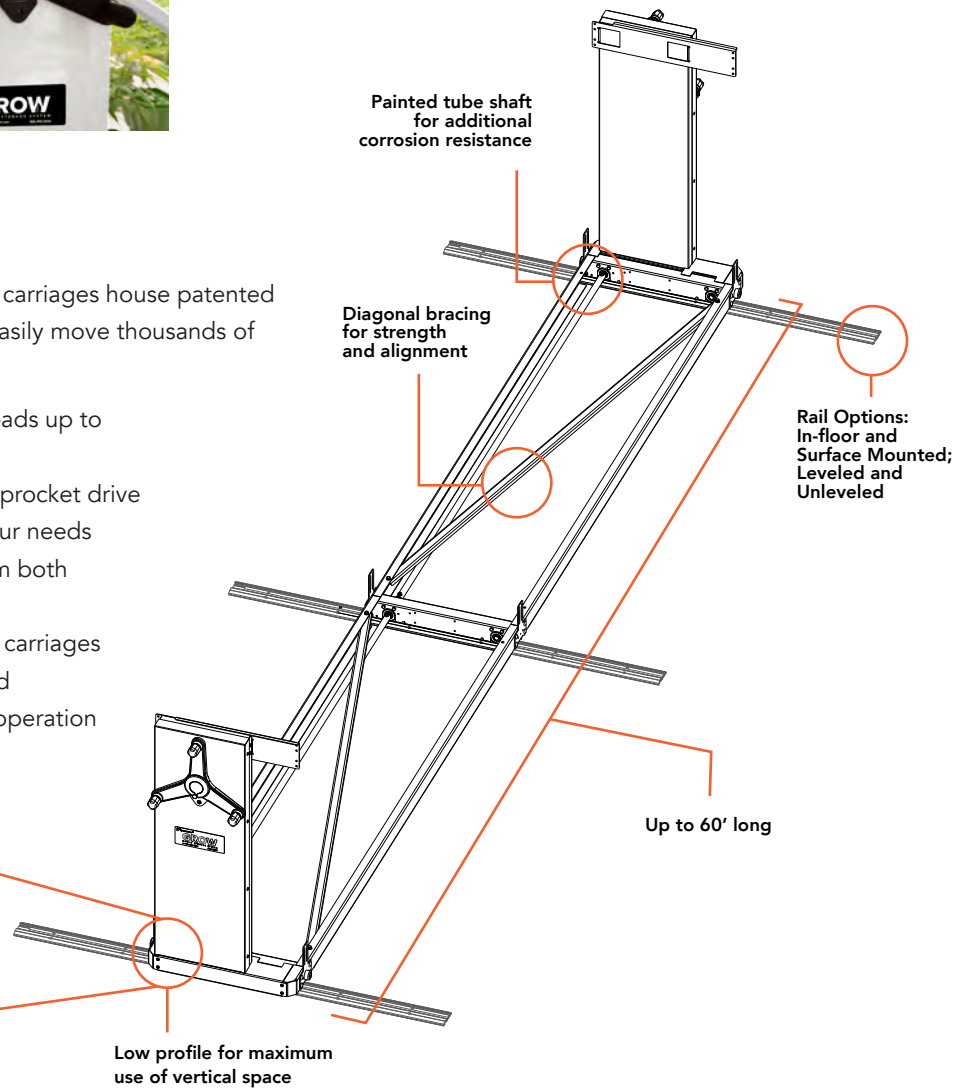
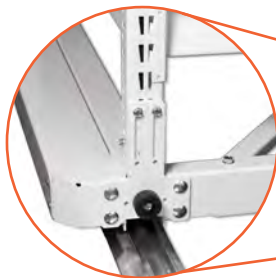
Even components that are typically concealed, like the line shaft, are protected with powder-coat paint.



## Carriages

As the interface between rails and racking, carriages house patented mechanisms that allow staff to safely and easily move thousands of pounds with minimal effort.

- Spacesaver's GROW system can bear loads up to 3,000 pounds per carriage section.
- Three-spoke handle turns a chain-and-sprocket drive
- Choose the gear ratio that's right for your needs
- Optional dual controls allow access from both ends of the system
- Anti-roll passive safety feature prevents carriages from rolling when safety lock is engaged
- Engineered for smooth and consistent operation



Low-profile wheels in a dual-flange guidance system maximize vertical growing space and provide decades of smooth reliable operation with our patented drop-in wheel assemblies.



Our cross-braced carriages maintain alignment over years of constant use.



The front of each carriage is finished with a powder-coated steel panel to isolate interior mechanisms from moisture.



## Vertical Shelving

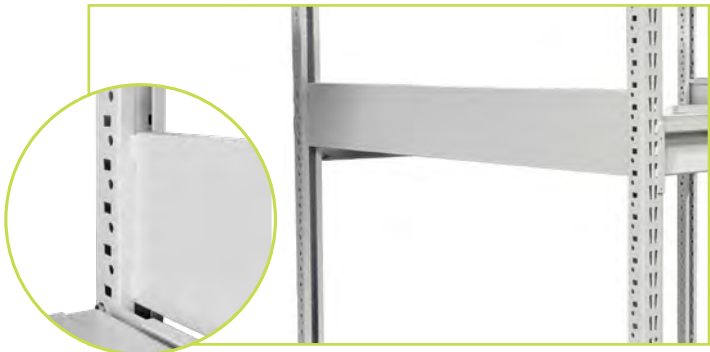
Take your grow operation to the next level with systems that extend up to 30 feet tall. With three shelving options, Knockdown Widespan, RaptorRAC™ Widespan and our Widespan GROW Shelving all being constructed of heavy-duty steel. Our Widespan GROW shelving is designed with welded uprights to maximize window spacing and provide stable, long-term support for plants, pots, and everything else you need to create an optimal growing environment. GROW White paint is designed for UV exposure and humid environments, with high reflectivity, excellent colorfastness, and antimicrobial properties.

### 1. Uprights

Fully welded to handle higher load capacities, our frames consist of horizontal braces and two separate uprights.

### 2. Welded Horizontal Bracing

Welded bracing maintains structural stability while providing a large opening to incorporate lighting and ventilation systems to improve airflow.



### 3. Beams

Beams are adjustable in 1.5" increments to optimize growing area at each phase of plant growth.

### 4. Steel GROW Trays

Steel GROW Trays with patent-pending sloped bracket improve drainage, prevent accidental run-off and raise plants off of tray surface. Trays are available in custom sizes as well as these standard sizes: 3x4, 4x4, 3x8, 4x8.



### 5. Steel GROW Tray Inserts

To help prevent moisture build-up under pots, we offer tray inserts made of steel that fit directly on top of the Steel GROW Trays.







# We maximize your Space. Hawthorne optimizes it for growth.

## LIGHTING

Save energy and optimize performance with cutting-edge, energy-efficient fixtures with customizable controllability. Choose among the industry's most-trusted brands, including Gavita and Sun System.



## HVAC

Establish an optimal growing environment with powerful and efficient air conditioners, fans, dehumidifiers, and humidifiers. We can explain your options and help you choose from top brands like Cultivation Air by Quest, Can-Filters, and more.



## TRAYS

Streamline workflows and optimize growth with a wide selection of the best grow trays on the market, like Botanicare, Flo-n-Gro, and Duralastics.



## HARDWARE & IRRIGATION

Feed your plants the right amount at the right time with customizable water pumps, irrigation systems, and more.



## Accessories



### Universal Mounting Bracket

Attaches to the Widespan upright to mount electrical, plumbing or other components of the cultivation system.



### Plumbing Bracket

Provides cultivators a standard hanging option for irrigation or other accessories. Hooks over existing front to back supports and attaches to a standard J-Hook pipe hanger.

### Pantograph

To help eliminate draping electrical wires, the Pantograph is designed to be that raceway for carriage to carriage wire connections.



 HAWTHORNE™

# Spacesaver's partnership with Hawthorne Gardening Co. brings you expert advice and the best products in indoor horticulture.

**All Hawthorne products integrate with the GROW Mobile System to streamline workflows and improve plant health.**

If you're looking for guidance and expert insights, call on the Hawthorne Professional Technical Services Team. This group of horticulturists, biologists, soil scientists, engineers and growers has a combined 100+ years of field and research experience. They're backed by an unmatched R&D network that's dedicated to the future of cultivation, and they can advise on lighting layouts and fixture selection, HVAC planning, and many other aspects of your operation.

As for products, Hawthorne serves all growing categories, seamlessly integrating with Spacesaver's GROW system to deliver a one-stop solution for everything you need.

## **The Spacesaver-Hawthorne Partnership Brings You:**

### **COMPLETE SOLUTIONS**

- Extensive portfolio of complementary products
- Products designed by experts in space optimization, facility management, and plant health and productivity

### **SEAMLESS TRANSITION**

- Technical and customer support, from consultation to installation to long-term maintenance
- Unparalleled resources to guide the way, relying on each company's 50+ years of specialized experience

### **SINGLE TRANSACTION**

- One contract, one price
- Competitive pricing

### **EASY INSTALLATION**

- Flexible installation options to suit your needs
- Quick timelines thanks to local, factory-certified installation and service crews
- Unrivaled North American distribution networks

### **POST-SALES SUPPORT**

- Ongoing support long after the sale and installation are complete
- Information sharing within our network of researchers, growers, space planners, and engineers

**Take advantage of one-stop cannabis solutions from**





## **Ready to GROW more? Connect with the experts.**

For almost 50 years, Spacesaver's innovative high-density systems have been optimizing space for businesses, universities, and other prestigious clients. We've installed more than 300,00 systems world-wide and we hold more than 200 patents in space-saving technology.

With distributors in major cities across the U.S. and Canada, we have knowledgeable space planning consultants and factory-certified service crews near you.

**Contact us to get started.**

**800.492.3434 | [Spacesaver.com/grow](https://spacesaver.com/grow)**



Spacesaver Corporation  
1450 Janesville Avenue  
Fort Atkinson, WI 53538-2798  
800.492.3434  
[www.spacesaver.com](http://www.spacesaver.com)