



MONTEL®
GROW MORE WITH LESS SPACE™

INTEGRATED VERTICAL FARMING SOLUTIONS

MOBILE VERTICAL GROW RACKS | MOBILE BENCHES | TRAYS | CARTS | AIRFLOW SYSTEM

**INCREASE YOUR YIELDS &
GENERATE MORE PROFITS**

**ELIMINATE SPACE WASTING AISLES
MAXIMIZE SPACE**

EXPAND YOUR SYSTEM VERTICALLY ON-DEMAND

- ✓ Upgrade your mobile system to a 2-tier, 3-tier, 4-tier or 5-tier system for flowering and vegetation rooms.
- ✓ Up to 14-tier for microgreens, leafy greens, berries, etc.

Montel's **GROWRAK** was engineered to free up space between frames at each level providing plenty of clearance for better airflow, ventilation system ducts, lighting fixtures and enough spacing for oversize trays to pass through between frames.

AVAILABLE CONTROLS, REMOTE FEATURES & SAFETIES

SYSTEM CONTROLLER WITH PIN CODE FOR SECURITY



POWERED MOBILE SYSTEM CONTROL WITHOUT OR WITH PIN FOR RESTRICTED ACCESS.

SMARTPHONE REMOTE CONTROL

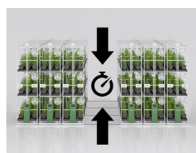


OPERATE HI-BAY MOBILE REMOTELY FROM YOUR FORKLIFT.



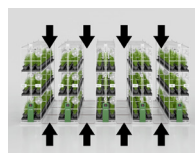
HARVEST AISLE | MAIN AISLE PARK
AUTO-CLOSING | SECURITY PARK
AUTO-SPACING | VENTILATION PARK
PROGRAMMABLE SPEEDS
START-UP | CRUISING | BRAKING
PROGRAMMABLE SPACING
BETWEEN MOBILE UNITS

AUTOMATED AISLES MOBILE SYSTEM



THE SYSTEM TRACKS TRAFFIC DATA. THE MOST FREQUENTLY USED AISLE WILL ALWAYS REOPEN PER DEFAULT RIGHT AFTER ANOTHER AISLE IS IN USE.

AUTOMATED VENTILATION MODE



PROGRAM ALL YOUR AISLES TO OPEN EQUALLY WHEN IT'S TIME TO VENTILATE. VENTILATION CYCLES CAN BE PROGRAMMED AND REMOTELY MONITORED.



MOBILE SYSTEMS MAXIMUM LOAD VS MODES OF OPERATION

	SHELVING AND RACKING	MODES OF OPERATION	
	GROWRAK	MECHANICAL-ASSIST MOBILE SYSTEM	POWERED MOBILE SYSTEM
GREENRAK™ 2,400 LB (1089 KG) per single full depth rack section Max carriage length: 57' (17.37 m)	✓ Up to 20' in Height, (240", 6.1 m) depending on weight distribution and Pallet Racking for 20' and above	✓ GREENRAK™ Lightweight, rust-resistant and simple in design which allows for easy installation, use and maintenance	N.A.
GROW&ROLL™ 8MA, 8P 8,000 LB (3629 KG) per single full depth rack section Max. carriage length: 8MA: 66' (20.12 m) 8P: 82' (25 m)	✓ Up to 20' in Height, (240", 6.1 m) depending on weight distribution and Pallet Racking for 20' and above	✓ GROW&ROLL 8MA™ Heavy-duty rust-resistant mobile grow systems	✓ GROW&ROLL 8P™

ULTRA-REFLECTIVE FDA WHITE POWDER COATING PAINT

Ultra-Reflective | FDA Compliant | Antimicrobial | UV-Stable

- Antimicrobial Powder Coating Finish
- Inhibits the Growth of Dangerous Bacteria and Mold
- Easy to clean Powder Coating (Long Lasting Activity)
- Fungal-Resistant Finish
- Outstanding Durability and Superior Chemical, Stain and Scratch Resistance
- Retains Antimicrobial Properties Even After Repeated Washings
- Provides Protection Over an Extended Period of Time
- FDA Compliant (Food and Drug Administration)
- Outdoor Durability (Meets and Exceeds A.A.M.A.2603)
- Environmentally Friendly
- Contributes to LEED Credits

UPGRADE TO MULTIPLE TIERS



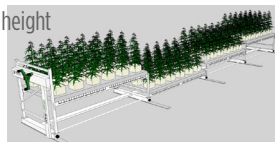
Note: Railless mobile bench system conditional to a flat and levelled floor (or provided with one set of rails positioned at the back or middle of the mobile system for better guidance)

MONTEL MOBILE BENCHES VS. ROLLING BENCHES

Montel Mobile Benches

MORE GROWING SURFACE: Gain 1 more Montel mobile bench for every 7 rolling benches. 2 more Montel mobile benches for every 14 rolling benches, etc.

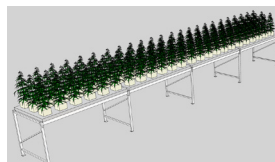
- 0% Lost Space
- 100% accessibility for floor cleaning
- Bench height adjustability at every 2" (51 mm)
- Upgradable to multiple tiers and up to 20 feet in height
- Better accessibility (aisles up to 90")
- ADA compliant



Conventional Rolling Benches

LESS GROWING SURFACE

- Up to 8 % lost space per rolling bench
- Only 50% accessibility for floor cleaning
- No bench height adjustability
- Not possible to upgrade to multiple tiers
- Limited accessibility (maximum aisle of 24")
- Not accessible for physically challenged people
- Not ADA compliant

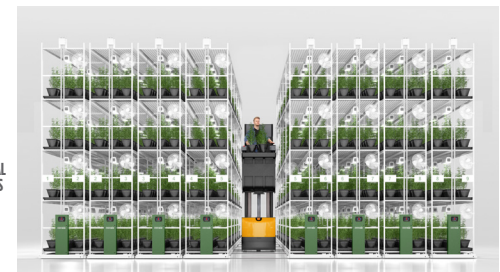


MULTI-TIER VERTICAL CULTIVATION SYSTEMS

MONTEL UPGRADABILITY TO MULTIPLE TIERS AVAILABLE WITH GREENRAK™, GROW&ROLL 8MA™, GROW&ROLL 8P™ AND MOBILE BENCHES



5-TIER MOBILE GROW RACKS



4-TIER MOBILE GROW RACKS



3-TIER MOBILE GROW RACKS



DOUBLE-TIER MOBILE GROW RACKS



SINGLE-TIER MOBILE BENCHES

INCREASED CAPACITY & REVENUE

5.70^x

470%
VS. SINGLE-TIER
STATIC RACKING
OR CONVENTIONAL
ROLLING BENCHES

4.56^x

356%
VS. SINGLE-TIER
STATIC RACKING
OR CONVENTIONAL
ROLLING BENCHES

3.42^x

242%
VS. SINGLE-TIER
STATIC RACKING
OR CONVENTIONAL
ROLLING BENCHES

2.28^x

128%
VS. SINGLE-TIER
STATIC RACKING
OR CONVENTIONAL
ROLLING BENCHES

1.14^x

14%
VS. SINGLE-TIER
STATIC RACKING
OR CONVENTIONAL
ROLLING BENCHES

100% INCREASED GROWING CAPACITY VS.
STATIC RACKING OR CONVENTIONAL STATIC BENCHES

UP TO 14% MORE SPACE VS.
NARROW AISLES ROLLING BENCHES

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877-935-0236
growmore@montel.com
www.montel.com