



HIGH-DENSITY CULTIVATION SYSTEMS GROW MORE WITH LESS LAND AND WATER



MONTEL MOBILE BENCHES SOLUTION

SINGLE-TIER & DOUBLE-TIER GROWING



Option available with Mobilex® only.
US PATENT # 7,645,000 / CANADA PATENT # 2,545,090

SAFECRANK
3 spoke handles are offered in Black, Montel Red and Polar White

INCREASE YOUR PRODUCTIVITY WITH GREENRAK™ FAST ROI BENCHES SOLUTION

Montel's **GREENRAK™** horticulture benches solution builds on the high value mobile carriage and provides growers with unlimited mobility.



MONTEL SMARTSPACE ZMA SINGLE-TIER MOBILE BENCHES



MONTEL SMARTSPACE ZMA DOUBLE-TIER MOBILE BENCHES

Your specific HVAC design will be based on several factors such as lighting heat loads, building envelop, geographic location, weather patterns, transpiration rates, and daylight integrals.

MOBILE SYSTEMS MAXIMUM LOAD VS MODES OF OPERATION

	SHELVING & RACKING CAPACITY		MODES OF OPERATION		
	SINGLE CARRIAGE	TANDEM CARRIAGES	MANUAL MOBILE SYSTEM	MECHANICAL-ASSIST MOBILE SYSTEM	POWERED MOBILE SYSTEM
2,000 LB (907 KG) per single face or double face shelving sections SMARTSPACE ZM, ZMA, ZP Max. Length: ZM: 12' (3.66 m) ZMA: 24' (7.32 m) ZP: 24' (7.32 m) * Potentially up to 48' (14.63 m) depending on application. Must be validated and approved by Montel's technical department.	✓ 2,000 LB (907 KG) per single face or double face shelving sections	N.A.	✓ SMARTSPACE ZM	✓ SMARTSPACE ZMA Large, Small* SafeCrank	✓ SMARTSPACE ZP
1,000 LB per linear foot (1488 KG per linear meter) MOBILE® Max. Length: 48' (14.63 m)	✓ 1,000 LB per linear foot (1488 KG per linear meter)	✓ 2,000 LB per linear foot (2976 KG per linear meter)	N.A.	✓ Large, Small* SafeCrank	N.A.
1,000 LB per linear foot (1488 KG per linear meter) SAFEAISLE® Max. Length: 60' (18.29 m)	✓ 1,000 LB per linear foot (1488 KG per linear meter)	✓ 2,000 LB per linear foot (2976 KG per linear meter)	N.A.	N.A.	✓
16,000 LB (7258 KG) per double deep rack section RACK&ROLL 16MA, 16P Max. Length: 16MA: 45' (13.7 m) 16P: 45' (13.7 m)	✓ 8,000 LB (3629 KG) per single deep rack section	✓ 16,000 LB (7258 KG) per double deep rack section	N.A.	✓ RACK&ROLL 16MA Large SafeCrank	✓ RACK&ROLL 16P

* The small SafeCrank handle is only provided for narrow carriages less than 20" wide. Available in black only.

MORE GROW AREA

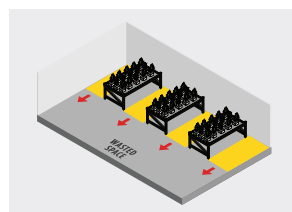
- ✓ Space between benches is good for airflow, light and canopy growth.
- ✓ Montel Mobile Benches can space automatically AND max sqft. Up to 37% more revenue than rolling benches!

IMPROVED ACCESSIBILITY

- ✓ Need more space between benches for the next hour? No problem! Montel Mobile Benches provide max access whenever needed.
- ✓ Montel Mobile Benches are much more accessible to wheelchairs for physically challenged. ♿
- ✓ Increased accessibility without reducing revenue generating square footage vs. narrow aisles rolling benches.

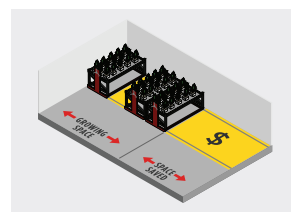
MOBILIZE IT! GENERATE PROFITS FROM YOUR SQUARE FOOTAGE

WASTED SPACE CONVENTIONAL SINGLE-TIER STATIC BENCHES LAYOUT



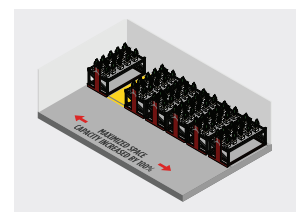
CONVENTIONAL BENCH SYSTEMS REQUIRE SPACE-WASTING FIXED AISLES.

OPTIMIZED SPACE WITH SINGLE-TIER MOBILE BENCH SYSTEMS



MONTEL'S MOBILE BENCH SYSTEMS SAVE UP TO 50% OF YOUR FLOOR SPACE IN MOST CASES, AND ACCOMMODATE GROWTH FOR OTHER USES WHILE INCREASING REVENUE.

MAXIMIZED SPACE WITH SINGLE-TIER MOBILE BENCH SYSTEMS



MAXIMIZED GROWING CAPACITY. MAXIMIZED SPACE & INCREASED PROFITS MOBILE LAYOUT.

UPGRADEABLE TO MULTIPLE TIERS

EXPAND YOUR SYSTEM VERTICALLY ON-DEMAND

- ✓ Upgrade your mobile system to a double-tier, 3-tier, 4-tier or 5-tier system.
- ✓ Retain your capital investment.
- ✓ Allows flexible growing strategy.
- ✓ Up to 14-tier with HI-BAY or HI-BAY MOBILE for microgreens or leafy greens (up to 35 feet - 10.7 m). See images on the back cover page.

MAXIMIZE GROWING CAPACITY PER CUBIC FOOT WITH MINIMAL WATTAGE

Over the years of designing storage applications for a broad range of markets including horticulture, Montel has developed a full line of high-density vertical growing systems that will address your grow operation priorities: save energy, optimize space, maximize vertical growing, maximize profits, and improve security.



Forklift shown in an opened aisle of a Montel SafeAisle Powered Mobile Grow Racks system.

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.



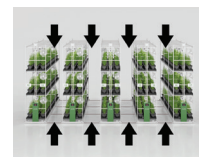
PRIORITY AISLE | MAIN AISLE PARK
 AUTO-CLOSING | SECURITY PARK
 AUTO-SPACING | VENTILATION PARK
 PROGRAMMABLE SPEEDS
 START-UP | CRUISING | BRAKING
 PROGRAMMABLE SPACING
 BETWEEN MOBILE UNITS

AUTOMATED AISLES MOBILE SYSTEM



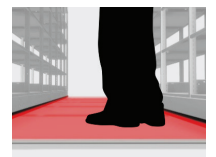
THE SYSTEM TRACKS TRAFFIC DATA. THE MOST FREQUENTLY USED AISLE WILL ALWAYS REOPEN PER DEFAULT RIGHT AFTER ANOTHER AISLE IS IN USE.

AUTOMATED VENTILATION MODE



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

INDUSTRY'S SAFEST AISLE LED GUARD™ OPTIONAL



COMPLETE AISLE-DETECTION PASSIVE SAFETY (US PATENT # 9,507,050).

INCREASED CAPACITY & REVENUE

10^x

900%
VS. SINGLE-TIER
STATIC RACKING



5-TIER MOBILE GROW RACKS

8^x

700%
VS. SINGLE-TIER
STATIC RACKING



4-TIER MOBILE GROW RACKS

6^x

500%
VS. SINGLE-TIER
STATIC RACKING



3-TIER MOBILE GROW RACKS

4^x

300%
VS. SINGLE-TIER
STATIC RACKING



DOUBLE-TIER MOBILE GROW RACKS

2^x

100%
VS. SINGLE-TIER
STATIC RACKING



SINGLE-TIER MOBILE BENCHES

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

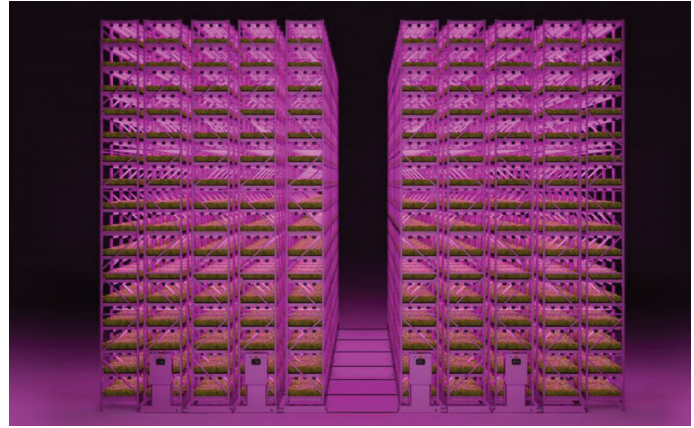
UP TO 37% MORE SPACE VS. NARROW AISLES ROLLING BENCHES

WHAT ELSE DO WE DO?

INDOOR HORTICULTURE VERTICAL FARMING SOLUTIONS THAT HELP YOU GROW FROM THE INSIDE,
OPTIMIZE AND GENERATE MORE REVENUE



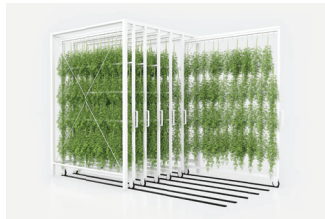
HI-BAY VERTICAL GROW SHELVING SYSTEM FOR LEAFY GREENS OR MICROGREENS
(UP TO 35 FEET OR 10.7M HIGH)



HI-BAY MOBILE VERTICAL GROW SHELVING SYSTEM FOR LEAFY GREENS OR MICROGREENS
(UP TO 35 FEET OR 10.7M HIGH)



SHELVING WITH DRAWERS FOR DISPENSARIES



DRYRAK PULL-OUT DRYING RACKS
FREESTANDING UNITS, EXPANDABLE & MODULAR



LIGHT-DUTY DRAWER CABINETS & HEAVY-DUTY MOBILE DRAWER CABINETS



CARTS



CERTIFICATIONS & STANDARDS



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