

CROWN

# RM 6000 SERIES



RM 6095 S



RM 6025

See. Reach.  
**DO** more.



# REACH for more.

## You demand more.

Let's face it: most operations have gotten used to the limitations associated with today's reach trucks. But warehouse managers want more: trucks that go higher, that can handle more weight at any height, whose footprints support shorter rack beams, and visibility that reduces operator strain and fatigue.

It's time to throw out the old limitations and envision a warehouse operation that can do more.

## The Crown RM 6000: A new age in narrow aisle.

By harnessing technology and engineering advancements made on recent reach trucks—along with decades of experience in turret trucks—we've redefined reach once again. The exclusive MonoLift® mast from Crown clearly delivers more: breakthrough heights, capacities, visibility, energy savings, space utilization and flexibility for greater operator, truck and operation-wide productivity.

The RM 6000 reaches more than you thought possible: improving top line performance and bottom line results.

**One**  
innovative MonoLift mast delivers unmatched visibility and strength.

**505"**  
of breakthrough reach height means more space utilization.

**1000 lbs.**  
more capacity at height enables most any load, anywhere.

**15%**  
more pallet positions maximize space utilization.

**25%**  
more runtime for longer, more productive shifts.

**Flat-Out**  
fastest travel, lift and lower speeds in the industry.

See. Reach.  
**DO more.**



# RM 6000 Series.

See. Reach. **DO** more.

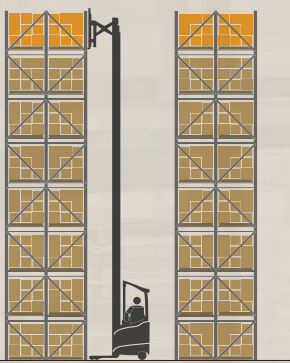
You demand more from your reach truck: higher heights, increased capacities, better visibility and faster speeds.

The Crown RM 6000 Series delivers it all. With its exclusive MonoLift™ mast, users **see, reach and do more than ever.**

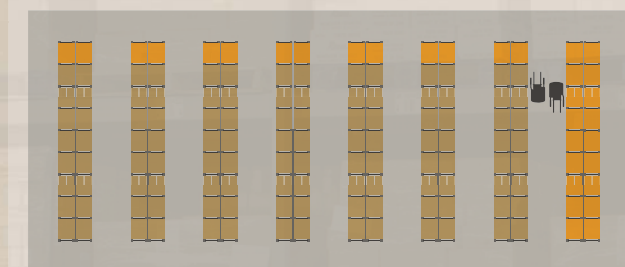
## More pallet positions.

**In Warehousing, Space is Money.** For the first time in years, the RM 6000 Series enables warehouse managers to rethink how they use space in existing and new warehouses: storing more

goods than ever before for more profits. It's an incredible opportunity for most any operation, with considerable returns in freezer/cold storage applications.



**Get 15 Percent More Pallet Positions (8 levels versus 7).** Gain access to the unused racks in your existing facility or plan to go higher (up to 505") in new warehouses. Either way, you win.



**Gain Additional Bays or Additional Rows.** Warehouse layouts have been at the mercy of reach truck specifications for decades. Decision makers had to choose where to compromise: reach height, reach capacity or aisle width. This often translated to wasted space in aisles and on rack.

The Crown RM 6000 truly attains breakthrough capacities at height moving an average load up to 505" with as little as a 50" outrigger. Narrower trucks allow for narrower aisles that can lead to additional rows. What's more, narrower trucks may lead to shorter load beams and additional bays. No need to compromise.

## More flexibility.

**Most Any Load, Anywhere.** Because the RM 6000 has more capacity at height, there's greater flexibility throughout the warehouse.

Today, operators are forced to place heavier loads at lower levels. The RM 6000 rewrites these rules—allowing virtually any load to be placed at any height or any open slot.

Consider how much of an impact this flexibility could have on your operation.



**Traditional Slotting** places loads from heaviest to lightest to accommodate typical reach truck limitations on load capacity at height.



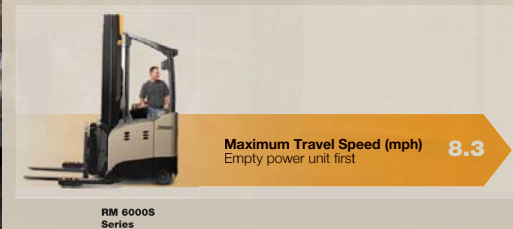
**Random Slotting with the RM 6000 Series** enables increased capacity at height for improved flexibility. This means less time re-slotting and optimized placement of fast or slow moving items.



**Maximized Load Slotting with the RM 6000 Series** allows for more weight per pallet, optimizing every truckload, pallet and cubic inch of storage capacity.

## More cycles.

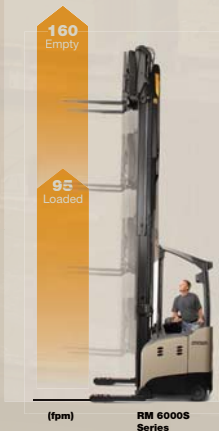
**Speed Means More Cycles.** The name of the game in warehousing is reducing cycle time so operators and trucks can accomplish more. With industry-leading travel, lift and new Xpress™ Lower speeds, the RM 6000 Series contributes productivity gains at every turn. What's more, like all Crown trucks, performance may be fine-tuned to align with individual operator skill levels and application needs.



**Maximum Travel Speed (mph)** 8.3  
Empty power unit first

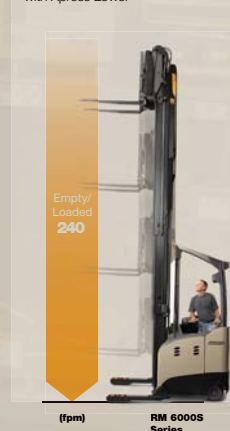
**Industry-Leading Travel Speed.** The RM 6000 delivers superior performance during transport with a speed of 8.3mph, or 11 percent greater than the competitor standard offering.

**Maximum Lift Speed (fpm)**



**Productivity Enhancing Lift Speed.** With the fastest lift speed in the industry of 160fpm, the RM 6000 enables you to move more pallets each and every day.

**Maximum Lower Speed (fpm) with Xpress Lower**



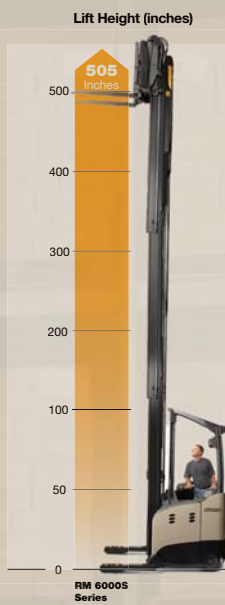
**Lower Speeds Beyond Compare.** Available with the RM 6000 Series, new Xpress Lower more than doubles lower speeds from 110fpm to 240fpm for a significant increase in total productivity.

## More height.

505"

**Raising the Roof.** We've created the tallest pantograph reach truck in the world. Period.

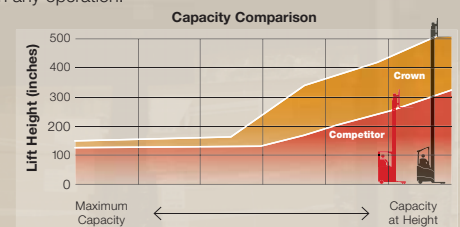
This leadership at height was achieved through the Crown MonoLift mast which uses a "boxed-in" design. This translates to unsurpassed rigidity and reduced sway—raising the bar on confidence and productivity. This breakthrough height also changes the game in new warehouse construction, potentially adding another level or 15% more pallet positions.



## More capacity.

1000 lbs. more at any height.

**Throw Your Weight Around.** The RM 6000 not only boasts huge gains in height—but also in capacity. Reaching higher with more weight means more flexibility and greater throughput in any operation.



**Deep Reach Advantage.** Capacity is often the compromise in deep reach applications given the demand of the extended load and weight of the reach mechanism. The RM 6000's optimized weight distribution and stable MonoLift mast deliver superior capacity for deep reach without a wider wheelbase.

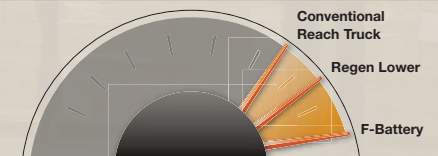
## More run-time.

**More for Less.** We designed the RM 6000 Series to carefully use energy—and give it back to the truck wherever possible.

For example, the standard **Regenerative Lowering** feature puts energy back as the mast is lowered, providing an average 12% energy advantage.

Additionally, the optional **F-Battery** compartment with the 18-125-19 battery, gives one-third more runtime versus the 18-125-17 battery.

Together, these features support fewer battery changes, more productivity, improved energy utilization and reduced costs.



## More visibility.

**Simply See More.** Visibility is critical to safety, confidence and productivity and the RM 6000 adds it at every turn. Ground level, eye level and visibility at height all contribute to exceptional performance.

**Crown's Variable Side Stance, working in conjunction with the MonoLift mast,** offers the best visibility in either travel direction without requiring awkward repositioning that is common on other trucks.





# Clearly **SEE** the difference.

## Single mast. Double the visibility.

Nothing impacts lift truck productivity more than visibility. From operator fatigue and product/rack damage to safety and throughput, seeing makes all the difference.

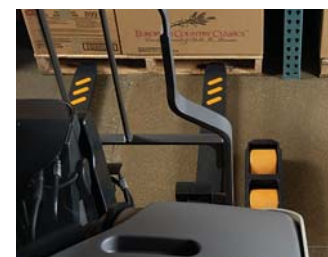
Even small improvements in visibility add up. With the RM 6000's offset MonoLift mast, it's no wonder customers tell us it transforms the way they work—at height, eye and ground levels. We're certain that your operators—and operations—will benefit from the RM 6000's advanced visibility and as a result, get more work done. Take a look for yourself.



Competitor—Fore/Aft Stance

RM 6000—Side Stance

The most challenging reach truck operation is retrieving a pallet at height. And with only a 3.5 inch pallet opening, it is easy to see why every inch of **visibility at height** counts. The RM 6000 Series' MonoLift mast, variable side stance and unobtrusive overhead guard work together to deliver more visibility at height. This clearer view builds confidence, fosters more throughput and results in less damage to product, racks and trucks. What's more, Crown's exclusive forklift indicators provide an additional visual cue for easier pallet entry.



### Ground Level Visibility

Visibility to the floor is improved through the RM 6000's MonoLift mast, notched load backrest, sculpted power unit and variable side stance.

This speeds truck positioning to the load and rack, simplifies scanning and saves time every single put away and let down.



### Eye Level Visibility

The RM 6000 improves visibility through the reach carriage via a redesigned "window" that exposes the fork tips or load.

In addition, the truck's integrated side shift and side shift indicator allow the operator to easily realign the forks to the center position.



### Visibility to Surroundings

The RM 6000 offers a clear view to the warehouse environment including personnel, trucks, rack and product.

Seeing warehouse surroundings enhances safety and reduces damage.



**Deep Reach Challenge**  
When reaching deep in the rack, operators can use all the help they can get.

With the RM 6000's offset MonoLift mast, angled overhead guard, tilt position assist, feathered reach control and fork tip indicators, operators have the tools they need to quickly and safely complete the task.

# Confidently **REACH** new heights.

## More opportunity. Less compromise.

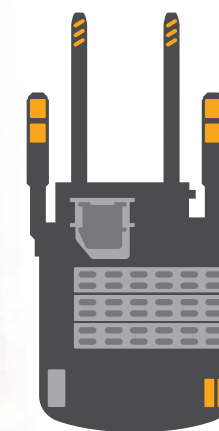
The Crown MonoLift mast combines key advances in truck geometry and unsurpassed mast rigidity to literally break through the warehouse ceiling—all the way to 505".

With game-changing heights and capacities, warehouse managers can better use all of their space—easily accessing top racks for greater productivity and flexibility. The RM 6000 also raises the roof for the construction of new warehouses, **because it is less costly for customers to build up rather than out.**

Going higher used to mean compromises in capacity, wider outriggers and larger aisles. But no more. The RM 6000 delivers **more height and more load capacity, all with the same-sized truck.** And, with the RM 6000's "most any load, anywhere" flexibility, you can optimize warehouse space—getting the most out of every square foot.

Thanks to the rigidity of the Crown MonoLift mast, **operators experience significantly reduced mast sway and twisting** at demanding heights. The result is more confidence, less time waiting for the mast to steady and more time moving loads.

Through more height, capacity and confidence, the RM 6000 delivers what you demand in a reach truck: more loads in, more loads out.



### A Balanced Approach

Lifting heavy loads up to 505" requires a steady base.

In developing the RM 6000 Series, Crown engineers deliberately positioned the MonoLift mast and battery to optimize the weight distribution over the drive tire, caster and load wheels.

This balanced approach builds confidence that can be felt all the way to the top.



### Mast Innovation Within Reach

Through years of experience, we have learned that extended loads put tremendous stress on masts.

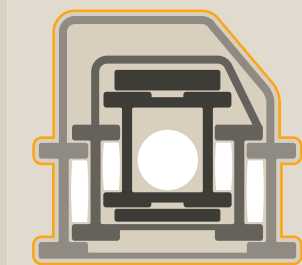
Crown addressed this challenge years ago when we developed a boxed-in cross section mast for our line of turret trucks. This design significantly reduced twisting and flexing associated with dual upright, conventional masts.

Now this innovation comes to reach trucks.

### Straightforward Service

Maintenance of the MonoLift mast is actually easier than a dual upright mast. That's because there are fewer components and more protected parts for less wear and more uptime.

In addition, service technicians are familiar with monomasts through years of turret truck maintenance.





**Experience more than you thought possible with the RM 6000 Series.**

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# Capitalize

on visibility, safety & strength.

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# Maximize

space utilization & flexibility.

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# Achieve

more productive shifts.

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# Conserve

energy through better management.

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# Increase

operator comfort.

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# Realize

unprecedented revenue generation opportunities.

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See. Reach.

**DO** more.





# Equipped for leading PRODUCTIVITY and MORE.

## Comfort, confidence and control.

The Crown RM 6000 builds on the high-performance features proven and valued on the RR 5700 Series.

This includes features and systems that enhance operator safety, leverage technology to optimize truck performance and create a work environment that keeps operators comfortable and productive throughout long work days.

Take a look and see how the following features contribute to comfort, confidence and control in your operations.

### Integrated WMS Mount (option)

allows for easy-to-reach placement of WMS without impeding visibility.

### Integral Work Assist® Tube

holds a variety of accessories without impacting visibility.

### Multi-Task Control Handle

supports the ability to perform multiple tasks simultaneously.

### Access123®

automatically collects data, monitors functions and controls truck systems to check to see desired cut-off levels of performance.

### Adjustable Arm Rest

enables comfortable, adjustable operator lean during operation.

### Adjustable Steer Handle

accommodates different-sized operators.

### Sit-Lean-Stand

gives operator flexibility of sit, lean or stand and an adjustable seat for comfort throughout a work shift.

### Suspension Floor Board

provides cushioned, shock-absorbing ride during operation.

### Entry Bar Safety Switch

helps keep feet inside the compartment by disabling travel when depressed. In addition, the **Dual Pedal Floorboard** requires both feet properly positioned for travel.

### Elevated Foot Rest

allows repositioning of either foot during operation.



**OnTrac® Anti-Slip Traction Control** greatly reduces tire spin during acceleration, plugging and braking. This technology optimizes truck performance—even on wet, slick and dusty surfaces.



### InfoLink®

optional wireless fleet and operator management system helps you discover savings operation wide.

## New Xpress™ Lower Equals More Cycles.

On reach trucks, cycle time is everything. And traditionally, improving cycles times revolved around increasing lift speeds. But with lowering accounting for up to 25 percent of each cycle, Crown saw tremendous opportunity by improving lower speeds.

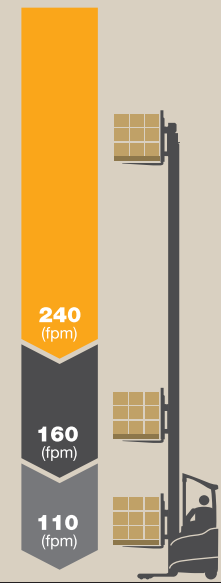
Introducing Xpress Lower. Through the innovative application of technology, the RM 6000 Xpress Lower feature increases lower speeds from 110 to 240 fpm. That's more than twice as fast and without any additional energy expense. The resulting cycle time improvement translates into a substantial savings in time and money.

Truck Lift Height	270 in	321 in	505 in
Time to Lower— Industry Avg (110 FPM)	6.1 sec	7.3 sec	11.5 sec
Time to Lower— Crown Xpress Lower	4.0 sec	4.7 sec	7.0 sec
Time Savings with Crown Xpress Lower	10 min/shift 7 workdays/year	15 min/shift 10 workdays/year	35 min/shift 25 workdays/year
Annual Savings per truck with Crown Xpress Lower	\$1,530 per shift	\$2,358 per shift	\$5,536 per shift

### Safely Lower your Cycle Times

Trucks equipped with Xpress Lower® take advantage of three automatically-controlled lower speed zones to ensure optimum performance and safety.

- Above staging, lower speed reaches a maximum of 240 fpm.
- At staging, speed lowers to 160 fpm.
- When the forks are 72" from the ground, speed lowers to 110 fpm.

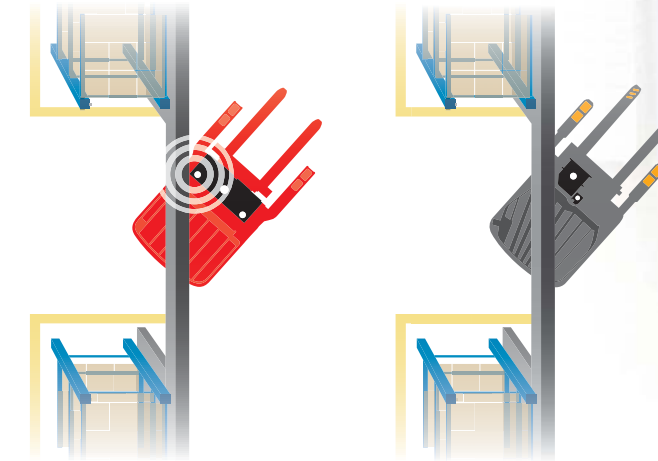


## Operator Preferred. Application Friendly.

The RM is uniquely suited to perform in demanding reach applications including doorways, drive-in rack, tunnels and more. Using traditional mast trucks in these applications can result in damaged cylinders—leading to significant downtime and component expense.

With the RM 6000 Series and its MonoLift mast, exposure is minimized because the cylinders are out of the way of racking and loads, but easy enough to access for maintenance and repair.

### Doorway Comparison



### Competitor/Conventional Mast

Not only do conventional masts obstruct operator views, they can also contribute to increased cylinder damage when working around doorways, tunnels, conveyors and other overhead obstructions common in warehouse settings.

- Secondary cylinders are typically mounted on either side of the mast, which may lead to frequent contact with racking systems.

### Crown RM 6000 Series MonoLift Mast

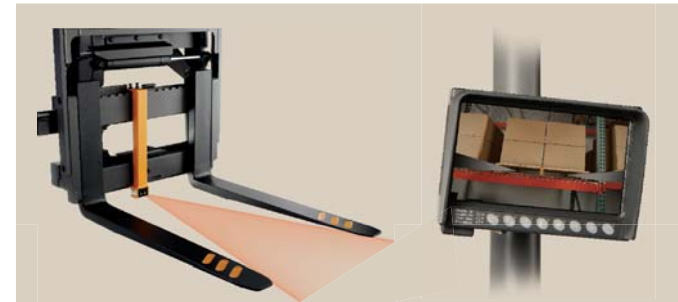
The Crown MonoLift mast reduces cylinder damage in three ways.

- This innovative mast design uses one fewer cylinder than traditional mast trucks.
- Since the one secondary cylinder is housed inside the mast structure, and the primary cylinder is tucked next to mast in the center of the truck, contact is minimized by more than 50 percent.
- The MonoLift mast increases visibility at height so operators are less likely to make contact with racking systems.



### No More Fear of Heights

When an operator only has a few inches of space in which to maneuver a truck and load, it's a real plus to be able to see as much as possible. That's where the Crown RM 6000 Series excels. A clearer view, afforded by its streamlined mast and overhead guard, adds to operator confidence and control for less stress and more productivity—even in challenging drive-in rack applications.



### Crown Vision System: Better Views at Height

Through optional laser fork guide or camera and color monitor, RM 6000 users have better views at any height. Lasers, mounted on the fork carriage, project easy-to-see laser lines right at the fork level, perfect for guiding the forks at intermediate heights. In addition, Crown's camera with color monitor takes the guesswork out of working at extreme heights.

At any level, The Crown Vision System features on the RM 6000 support better visibility for increased precision, productivity and safety.





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[crown.com](http://crown.com)

**You can count on Crown to build lift trucks designed for safe operation, but that's only part of the safety equation. Crown encourages safe operating practices through ongoing operator training, safety-focused supervision, maintenance and a safe working environment. Go to [crown.com](http://crown.com) and view our safety section to learn more.**

Because Crown is continually improving its products, specifications are subject to change without notice.

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