

CROWN

# STACKER SERIES



# Grow **your** **space.**

**The Crown Stacker Series gives you a fast, efficient way to lift, stack, manage and move merchandise, tools or equipment.**

It's a tremendous efficiency advantage for any growing business using pallet trucks or common counterbalanced lift trucks. With the Crown solution, you can maneuver in small spaces and stack single pallet loads three levels or higher to save space and improve product selectivity. Safety is another major advantage, whether you use Crown Stackers as portable workstations, as elevated maintenance platforms or to move heavy items. You can expect long-term value because Crown engineers and manufactures lift trucks that deliver the highest levels of safe, reliable performance at the lowest cost of ownership. With exceptional versatility, the Crown Stacker Series helps grow your business more efficiently, saving time, effort and costs.

**How does your space stack up?**

# Maximize your efficiency.

**Consider the advantages of gaining more space without construction or leasing costs.**

What if this solution could also help you manage inventory and substantially reduce the time, effort and cost to move product, tools or other heavy materials?

**Crown Stackers deliver all these advantages to you.** These Stackers are an easy and cost-effective way to maximize your storage space and improve efficiency. Unlike typical counterbalanced trucks that require 11 to 13 foot aisles, Crown Stackers allow you to use six- to nine-foot aisles so you can stack more products in the same size room, while optimizing selectivity and workflow.

Thanks to Crown's ergonomics leadership, operators find Crown Stackers easy to use with innovative controls and a

compact design that enhance maneuverability in confined spaces and congested areas.

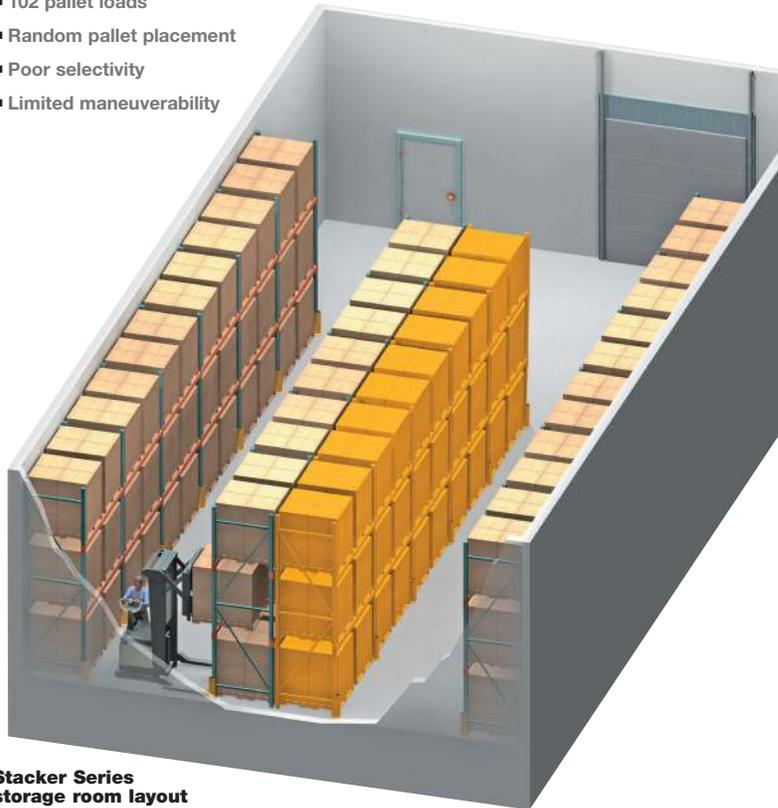
Crown Stackers are even more efficient compared to gas trucks, helping you avoid expensive engine, valve and transmission repairs. Customers have saved up to 50 percent on maintenance cost compared to gas trucks. Additionally, fuel costs, fumes, pollutants and engine noise are eliminated.

**Move it, stack it and manage it with ease.**  
**Let Crown demonstrate the difference.**



**Common storage room layout**

- 102 pallet loads
- Random pallet placement
- Poor selectivity
- Limited maneuverability



**Stacker Series storage room layout**

- 132 pallet loads
- Organized pallet placement with aisle width of eight feet
- Complete selectivity
- 30 percent additional pallet positions gained

# Solutions for space

# Expect more from

**Crown ST 3000 and SX 3000 Series Stackers help growing businesses make tremendous strides in operational efficiency. You'll see a fast return on investment when you add up the benefits of saving space, reducing labor costs and enhancing safety and productivity.**

## **ST 3000 Series Straddle Stacker**

Many businesses choose the ST 3000 Series as its first powered lift truck for several key advantages: ability to store significantly more product in the same area; faster and easier access to product; labor-savings; ease of training and use; and low maintenance and ownership costs.



- Capacity:**  
2500 lb
- Standard lift heights:**  
TL – 128 inches  
TT – 154 and 168 inches
- Battery pack options:**  
(standard on-board charger)
- 86 amp hour wet-cell
  - 95 amp hour maintenance-free
  - 156 amp hour wet-cell
  - 195 amp hour maintenance-free
- Typical aisle:**  
6 to 7 feet

## **SX 3000 Series Straddle Stacker**

When you need longer runtime and capacities up to 4000 pounds, the SX 3000 Series is the answer. It maneuvers with ease in the same tight spaces as the ST 3000 Series, delivering similar advantages so critical for growing businesses.



- Capacity:**  
3000, 4000 lb
- Standard lift heights – SX 3000-30:**  
TL – 128 inches  
TT – 154 and 168 inches
- Standard lift heights – SX 3000-40:**  
TL – 129 inches  
TT – 156, 168 and 192 inches
- Battery options:**
- 195 amp hour maintenance-free pack with standard on-board charger
  - 300 amp hour industrial battery with a choice of on-board charger or external charger
- Typical aisle:**  
6 to 7 feet

# e and cost savings.

# Crown.

The SH 5500 and SHR 5500 Series Stackers have the intelligence, power and flexibility to handle heavy capacities with ease. It's the result of Crown's robust design, Access 1 2 3® Comprehensive System Control, AC traction and electronic power steering.

## SH 5500 Series Straddle Stacker

The heavy-duty SH 5500 Series Stacker is designed to handle 4000 pound capacities in the toughest environments. The SH 5500 offers increased performance and improved capacity retention compared to the SX 3000-40. Electronic power steering, combined with Crown's exclusive Access 1 2 3 Comprehensive System Control makes it a breeze to maneuver the heaviest loads.

**Capacity:**  
4000 lb

**Standard lift heights:**  
TL – 127 and 150 inches  
TT – 156 and 192 inches

**Battery options:**

- 300 amp hour industrial battery with optional on-board or external charger
- 660 amp hour industrial battery, requires external charger

**Typical aisle:**  
6.5 to 7.5 feet



## SHR 5500 Series Reach Stacker

The SHR 5500 Series reach capabilities extend the advantages for applications where stacker outriggers may interfere with load positioning. With a sturdy pantograph reach mechanism and heavy-duty mast, it can handle capacities up to 3500 pounds in the toughest applications.

**Capacity:**  
2500, 3000 and 3500 lb

**Standard lift heights:**  
TL – 127 and 150 inches  
TT – 156 and 192 inches

**Battery options:**

- 300 amp hour industrial battery with optional on-board or external charger
- 660 amp hour industrial battery, requires external charger

**Typical aisle:**  
7 to 9 feet



# ST/SX 3000 Series

**Space-savings, maneuverability and visibility come together on the compact ST/SX 3000 Series with its unique X10® Handle, clear visibility mast and low-profile power unit. It's why you can expect safe, efficient operation and extraordinary application flexibility.**

**The ST/SX 3000 Series allows you to stack products three levels or higher, rather than having products scattered around your facility taking up valuable floor space. In addition, stacking vertically on an organized rack system allows quick access to each individual product, without moving numerous loads to get to the product you want. This arrangement helps operators quickly locate and select smaller, individual products. It's an organized, space-saving approach that also saves time, effort and associated costs.**

**Operators find the ST/SX 3000 Series extremely easy to use and maneuver, which simplifies load-positioning and placement.**



# Exceptional utility all around.

Crown recognizes that you need flexibility to meet the demands and challenges of your growing business. When your storage and stacking requirements change, or load sizes increase or decrease, you can easily adapt the ST/SX 3000 Series to your current situation, saving the cost of an additional lift truck. Excellent maneuverability provided by the compact design, X10 Handle and brake override feature ensures smooth performance for a variety of tasks. For the convenience of recharging the stacker anywhere in your facility, there's a standard on-board charger.



The notable application flexibility of the ST/SX 3000 Series includes its use as a portable work station, which improves productivity and helps reduce the risks of lifting injuries.

Shown with optional remote raise/lower control.



The ST/SX 3000 Series simplifies the handling of a wide range of materials and load sizes with its infinitely adjustable outriggers and excellent maneuverability in tight spaces.

# ST/SX 3000 Series

# Take control.

You need exceptional control to meet the challenges of efficiently moving and storing product in limited space, and that's exactly what the ST/SX 3000 Series provides. Crown's innovative X10® Handle simplifies work – delivering safe, reliable performance in the tightest spaces.

Crown's X10 Handle, combined with the compact design of the ST/SX 3000 Series, delivers superior maneuverability, visibility and safety. A number of features help operators maneuver, position, raise or lower loads in narrow aisles and congested work areas. For example, *the truck can turn in an area almost as small as its own footprint* thanks to a brake override feature that allows maneuvering with the handle in an upright position. Ergonomic urethane-coated hand grips ensure ease of use and comfort for

any environment: freezer, wet or dry. The unique thumbwheel further simplifies operation, providing infinite speed control in both forward and reverse directions. Placement of the raise and lower controls, including tactile feedback, helps operators easily blend lift/lower and traction functions regardless of travel direction. In addition, the X10 Handle's rabbit/turtle switch incorporates two levels of programmable travel performance to match the operator's skill level and your particular application needs.

## THE X10 HANDLE®



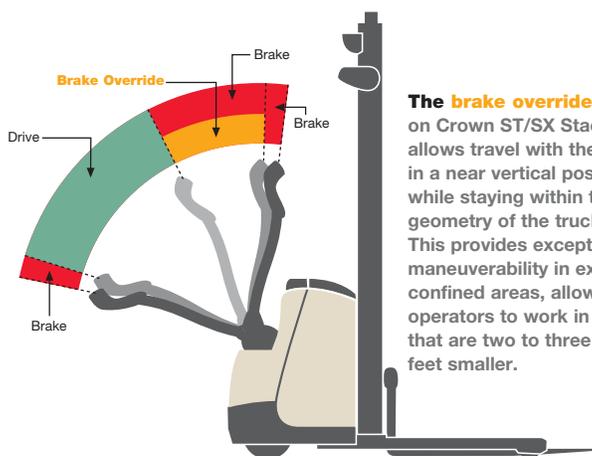
### Horn Buttons

The horn buttons are integrated into the X10 Handle's grips, providing easy access for either one-handed or two-handed operation.



### Vertical Grip

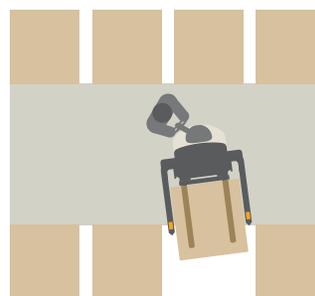
The X10 Handle incorporates a sculpted control pod formed to allow for operation of the raise and lower functions while in a vertical position.



### The brake override feature

allows travel with the handle in a near vertical position while staying within the geometry of the truck. This provides exceptional maneuverability in extremely confined areas, allowing operators to work in aisles that are two to three feet smaller.

### With brake override



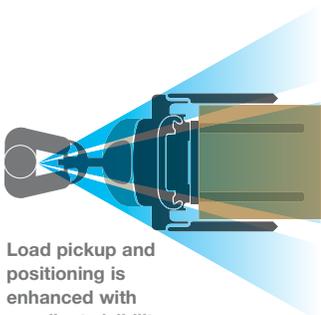
### Without brake override





**The ST/SX 3000 Series** simplifies loading and unloading trailers with or without docks.

**Another advantage is the visibility of the Crown ST/SX 3000 Series.** Visibility is enhanced with a low-profile power unit, clear mast design with nested rails and efficient routing of hydraulic hoses. Operators benefit from clear views all around, while working with elevated loads or moving products throughout your facility.

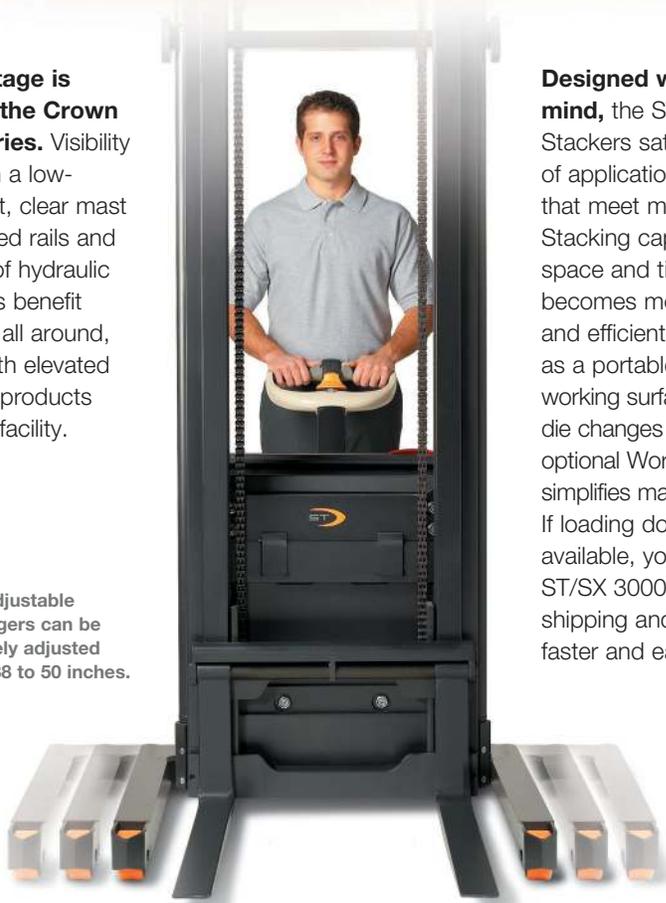


Load pickup and positioning is enhanced with excellent visibility of the outriggers and fork tips.



The sloped, low-profile power unit cover and clear mast design provide excellent fork tip visibility.

The adjustable outriggers can be infinitely adjusted from 38 to 50 inches.



**Designed with versatility in mind,** the ST/SX 3000 Series Stackers satisfy a wide range of applications with features that meet multiple needs. Stacking capabilities save space and time. Order picking becomes more manageable and efficient. You can use it as a portable workstation, working surface for parts or die changes and more. An optional Work Assist® platform simplifies maintenance tasks. If loading docks aren't available, you can use the ST/SX 3000 Series to perform shipping and receiving tasks faster and easier.

# SH 5500 Series

## Navigate with ease.

**The powerful simplicity of the SH 5500 Series,** featuring electronic power steering, brake override and AC traction, helps operators easily maneuver and position heavy loads in tight, congested spaces.

**Workers don't want to spend too much time over thinking how to use their lift trucks.** They simply want to get the job done. The SH 5500 Series gives operators the simplicity they need. One of the first things they notice is the ease of use. The intuitive controls of the X10® Handle simplifies every lift truck function. Operators also appreciate the electronic power steering, so precisely controlled that they can easily navigate loads up to 4000 pounds with one hand. The high-visibility mast and carriage further enhances ease of use. For moving capacities up to 4000 pounds, there's no more user-friendly truck than the SH 5500 Series.

**The compact design and maneuverability** of the SH 5500 Series simplifies operation in the tightest spaces.



# SH/SHR 5500 Series Stackers... expect **intelligent performance.**

The SH 5500 and SHR 5500 Series Stackers feature Crown's intelligent Access 1 2 3<sup>®</sup> Comprehensive System Control, to give you the most advanced, easy-to-use stacker performance anywhere.

All systems on the SH 5500 and SHR 5500 Series work together to simplify use, enhance safety and provide the most efficient performance. It's largely the result of Crown's exclusive Access 1 2 3 Comprehensive System Control. This patented technology enables safe, reliable and industry-leading lift truck performance and diagnostics through an intuitive method of communication.

**Guaranteed.**

Coupled with **electronic power steering** and **AC traction**, Access 1 2 3 technology gives operators advanced, optimized control. More importantly, it's easy to apply in any situation with the intuitive **X10 Handle** and Access 1 2 3 display. Other features designed to efficiently handle heavy-duty capacities include **ramp hold** and **speed control**.

These features give operators another level of confidence while operating on inclines. The power boost feature assures an extra measure of power when encountering obstacles such as dock plates or doorway transitions. All in all, the SH 5500 and SHR 5500 Series Stackers provide an intelligent approach to powerful performance.

**Access123<sup>®</sup>**  
Comprehensive System Control



# SHR 5500 Series

## Flexibility within reach

The SHR 5500 Series Reach Stackers give you the application flexibility you need. Unlike common counterbalanced lift trucks, they provide an efficient solution for tight work areas, random pallet sizes, pallet loads just out of reach and other application challenges.

Many businesses realize the wide range of benefits offered by SHR 5500 Series Reach Stackers when they put one to the test. That's when they experience its exceptional flexibility to solve their particular application challenges. For example, operators who use a gas-powered lift truck appreciate how easily and efficiently you can operate and maneuver the SHR 5500 Series.

The *electronic power steering* minimizes steer effort needed to maneuver heavy loads and reduces operator fatigue. The X10® Handle's brake override feature allows operators to raise the handle to a near vertical position to maneuver the SHR 5500 Series in extremely confined areas.



# es



**Reach stackers have the ability to work around obstacles such as trailer tires.**

Another maneuverability advantage results from the flexible design of the X10 Handle, which makes controls accessible from either side of the power unit. This gives operators a clearer view of pallets, as well as outriggers and fork tips.

Operators also benefit from the high-visibility mast of the SHR 5500 Series, featuring efficient placement of hydraulics and lift cylinders. A high-visibility reach carriage further simplifies positioning of pallets at height.

**The high-visibility mast and reach carriage** are designed for maximum visibility, improved load handling and positioning.



The reach mechanism of the SHR 5500 Series combines the advantages of a straddle lift truck and a counterbalanced lift truck, contributing to its versatility. It's designed to handle a wide variety of pallet sizes, as well as floor-stacked pallets that may not have sufficient outrigger spaces between loads. You can also use it to reach over obstacles, rather than reposition them. In addition,

many facilities use the SHR 5500 Series for side-loading trailers.

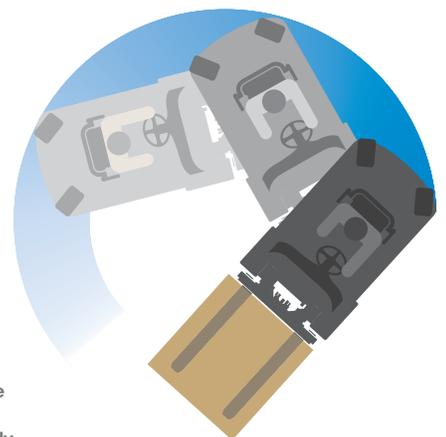
An available on-board charger for the SH/SHR 5500 Series makes it possible to charge the stacker wherever there's a 120-volt electrical outlet. And options such as Work Assist® accessories and a tilt and side shifter hydraulics function allow you to tailor the SHR 5500 Series to your application.

#### SH/SHR Turning Radius



**The SH/SHR 5500 Series design**, featuring Access 1 2 3 technology, power steering, brake override maneuverability and AC traction, provides a significantly tighter turning radius than typical counterbalanced lift trucks.

#### Counterbalanced Turning Radius



# Durability inside and out...

Your investment pays off with Crown Stackers, thanks to a solid design featuring generous amounts of steel, superior reliability and simplified serviceability.

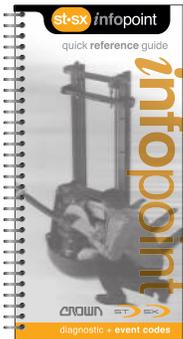


The X10® Handle incorporates a vacuum die cast process using high-grade aluminum and benefits from structural webbing for maximum strength and durability.

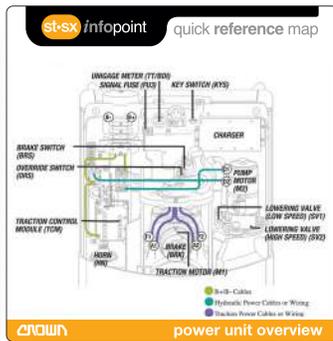
**You can expect the Crown Stacker Series to perform reliably in a variety of applications for years.**

The durability is evident all around to take the abuse of your toughest applications. The mast features Crown's I-beam rail design with thick steel cross bars. The frame and power unit enclosure feature generous amounts of steel throughout, providing a sturdy foundation for stability and protecting critical internal components. Long-term performance advantages are further extended with Crown's integrated approach to maintenance. Internal components can be accessed

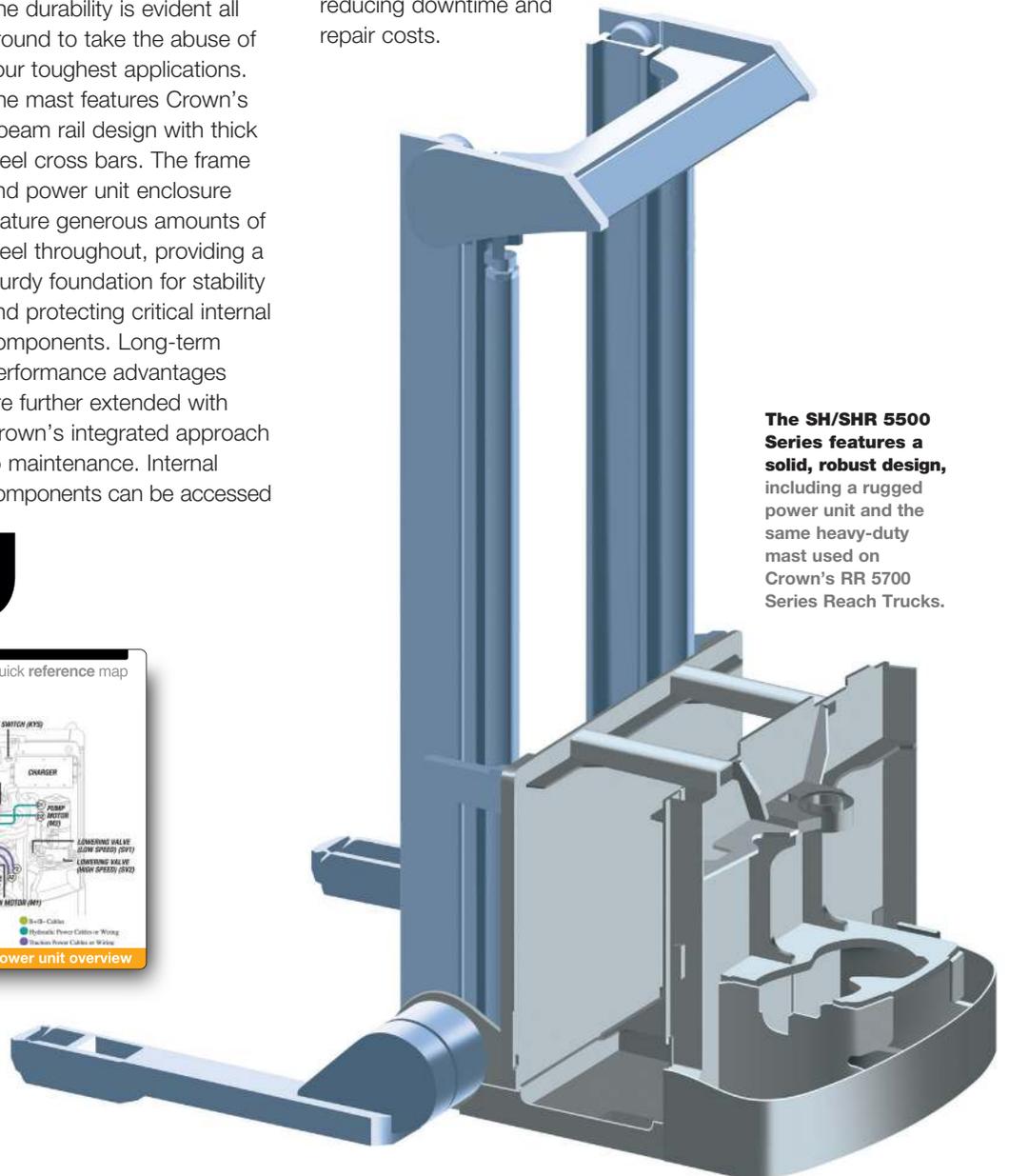
quickly and easily. In addition, Crown's innovative InfoPoint® system simplifies troubleshooting for service technicians, reducing downtime and repair costs.



Example Only



Example Only



**The SH/SHR 5500 Series features a solid, robust design,** including a rugged power unit and the same heavy-duty mast used on Crown's RR 5700 Series Reach Trucks.

# with a **unique** serviceability **advantage.**

The Crown Stacker Series gives you a value advantage that adds up to the lowest cost of ownership. It's not just about comparing lift trucks. It's about comparing the total value.

Many lift truck suppliers, including the catalog mail-order brands, offer an inexpensive product with little or no service and support. And there's no application expertise – if something goes wrong, you're on your own.

The Crown Stacker Series is backed by a complete system of support with Crown Integrity Parts and Service System. Crown's extensively tested components and systems, combined with the industry's most responsive and qualified dealer network, give you a proven way to reduce labor and parts replacement costs.



Your system of support includes state-of-the-art facilities, located throughout North America and around the world, with the latest equipment and tools, service expertise, complete product and part inventories, well-stocked service vans and more. You'll also want to consider Crown's operator and service training, financial services and flexible maintenance programs.

Visit your local Crown dealer to get all the facts on your value advantage. When it comes to the bottom line, the Stacker Series gives you superior performance at the lowest cost of ownership.



Take **efficiency**  
to a  
**higher level** and  
experience  
the **value of Crown.**



# Options for any application.

The Crown Stacker Series offers fully integrated, application-specific accessories to meet the needs of your facility.

**Matching a stacker to your application** greatly contributes to the success of your operation. Crown offers a full line of walkie stackers and accessories to match your constantly changing business requirements.

		ST 3000 Series	SX 3000 Series	SH 5500 Series	SHR 5500 Series
1	Work Assist® accessories	●	●	●	●
2	Wire mesh mast guard	●	●	standard	standard
	Plexiglass mast guard	standard	standard	●	●
3	Keyless on/off	●	●	●	●
4	30 amp on-board charger	standard	standard	●	●
5	Industrial charger		●	●	●
6	Sideshifter		●	●	●
7	Freezer conditioning		●	●	●
8	Drive tire(s)	●	●	●	●
9	Industrial battery		●	●	●
10	Battery pack	●	●		
11	Load backrest	●	●	●	standard
12	Work Assist® platform*	●	●		
13	Spring-loaded casters	●	●		
14	Remote raise/lower control*	●	●		
15	10.5" load wheel				●

\* Not available on SX 3000-40

● indicates option



1 Work Assist accessories



2 Wire mesh (shown)/Plexiglass mast guard

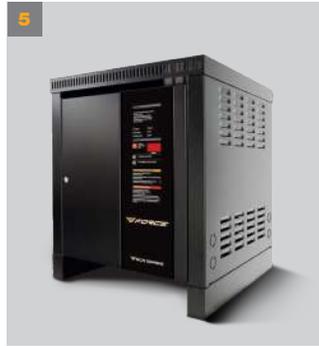


3 Keyless on/off

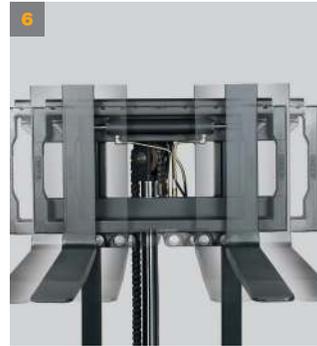
# Crown extends the value.



30 amp on-board charger



Industrial charger



Sideshifter with integrated control



Freezer conditioning



Drive tire(s)



Industrial battery



Battery pack



Load backrest



Work Assist platform



Spring-loaded casters



Remote raise/lower control



10.5" load wheel



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**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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