

CROWN

PRODUCTS & SERVICES



Ideas That Advance

At Crown, our commitment to innovation means we continually look for ways to advance the design, manufacture and support of material handling solutions that help provide excellent performance.

We promise our customers a premium experience that comes through:

- Crown's dedicated, global material handling team
- A wide range of lift trucks that are safe, efficient and ergonomic
- Advanced technology integrated within our lift trucks and beyond
- Comprehensive support for improved total cost of ownership.

/// Proven Trucks

- Lift trucks ideal for nearly any job
- Performance in the warehouse and beyond
- A forklift design leader recognized with more than 100 global awards

/// Advanced Technology

- Consistent technology across all Crown lift trucks
- Integrated, real-time data to drive performance
- Management dashboards and detailed reporting

/// Dedicated Professionals

- Global, highly trained sales force
- Material handling technology expertise
- Dependable, capable support for critical logistics decisions

/// Complete Support

- Integrity Parts and Service System™
- End-to-end support for remarkable ROI
- Incredibly low total cost of ownership

Visit crown.com
For the complete product line

Local Presence

Crown locations and dealers are equipped to provide local service and support for every major market in Latin America and the Caribbean. With local expertise and familiarity with regional requirements, Crown can provide specific products and material handling solutions designed to fit your application requirements.



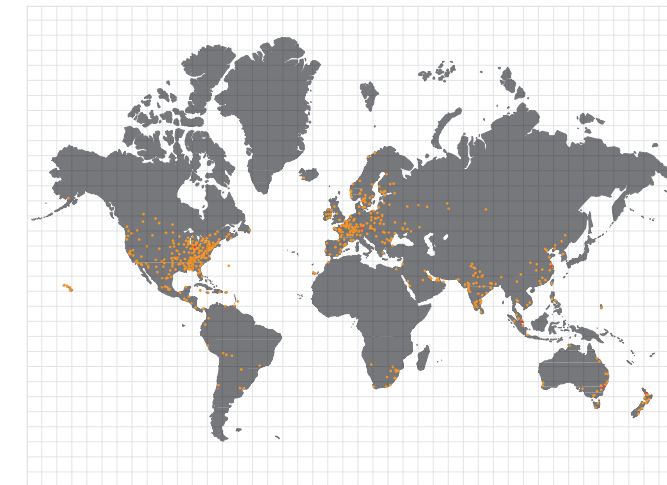
33
Sales and Service Locations

3
Regional Training Centers

Crown solutions are available through an extensive retail network that provides sales and service in locations throughout Latin America and the Caribbean.

Global Strength

Crown is one of the world's largest lift truck manufacturers, and supports customers in 84 countries through five regional headquarters. Distinguished by innovative product design and a collaborative approach to customer service, our knowledge of material handling practices and restrictions enables us to provide customers with outstanding solutions, locally and globally. From design to delivery and beyond, you can expect exceptional value from Crown.

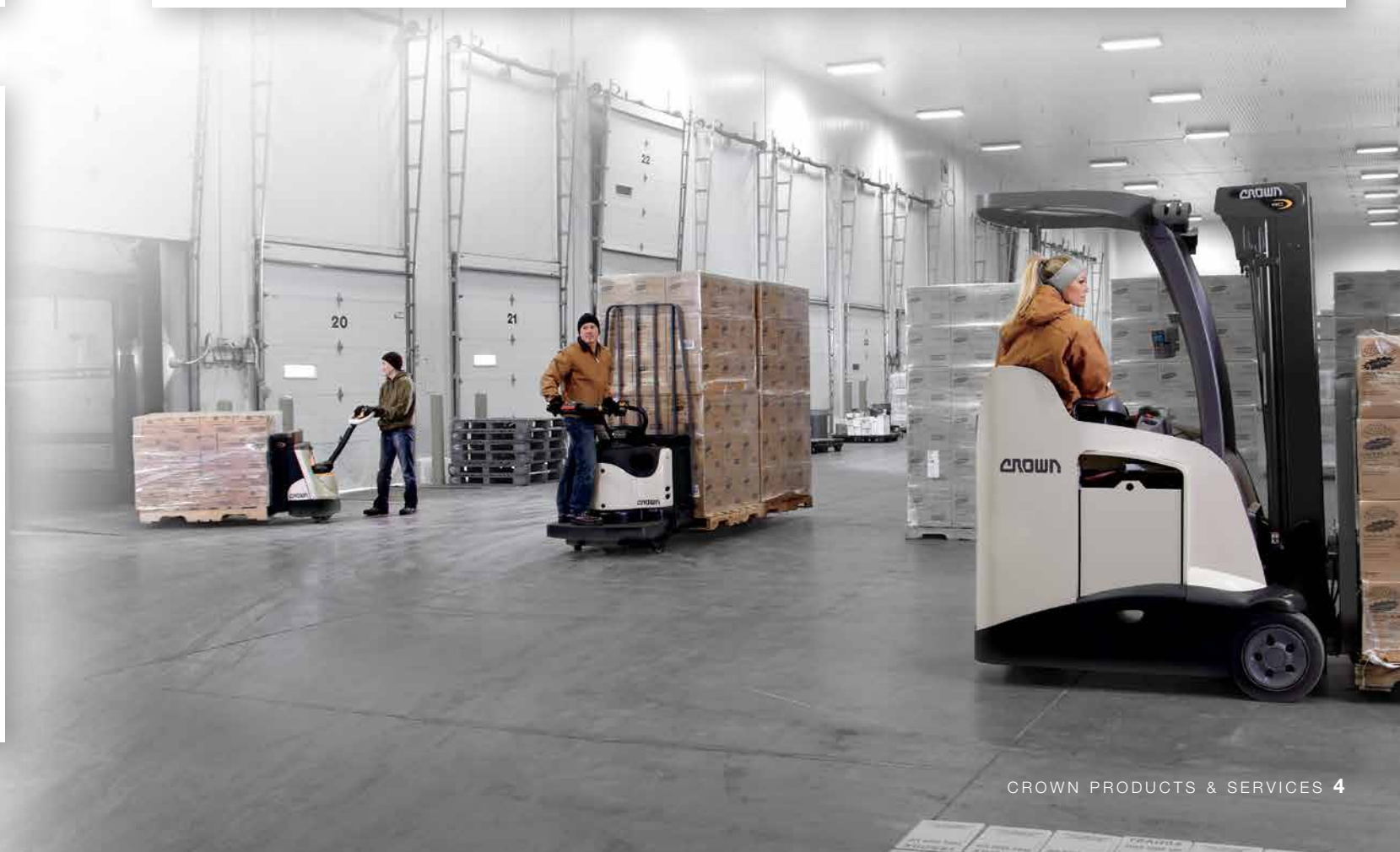


Our extensive sales, distribution and service network is anchored by hundreds of retail locations throughout the world, focused on building local relationships that ensure a consistent customer experience no matter the customer size or location.

Crown's Global and North American headquarters remain in New Bremen, Ohio, where the company originated, with facilities that incorporate the latest technologies while preserving the town's past.



Crown's extensive network of field service technicians is supported by millions of parts to ensure an outstanding first-time fix rate designed to keep our customers' operations running.





Innovation Begins with the Lift Truck

Crown's technology innovations begin within the lift truck and extend far beyond. Integrating our Access 1 2 3™ operating system with InfoLink™ and FleetSTATS™, the Crown Insite™ Productivity Suite delivers technology-enabled solutions for:

- Improved lift truck and operator performance
- Support for customers moving toward warehouse automation
- Use of valuable truck, operator and operational analytics for better management and control

Access123™

Increase Fleet Efficiency

- Significantly contributes to fleet uptime by providing operators and technicians with a fast, easy and consistent approach to diagnostics and service
- Increases technician proficiency to help reduce service time and costs across all Access 1 2 3-equipped lift trucks



Control Maintenance Costs

- Integrates truck, fleet, location performance and service data for valuable insight and optimal management
- Helps control cost and improve performance with detailed data, real-time reporting and streamlined, proactive planning throughout the operation



Improve Truck and Operator Performance

- Lift truck connectivity puts the power of accurate, on-demand operator and fleet management metrics at your fingertips
- Helps monitor and manage performance factors that have the greatest affect on your operation's bottom line
- Enables quick exploration and analysis of issues
- Helps to establish performance benchmarks via interactive dashboards
- Encourages improved safety and compliance, increased productivity, and reduced cost
- Crown's Lifecycle Services leverages connected fleet data and statistical analysis to help predict and avoid unscheduled downtime

Move Toward Warehouse Automation

As your business changes, you want to have a lift truck that is ready to evolve with you, enabling further productivity and safety solutions. Several Crown lift trucks feature solutions that help improve your operations without the high investment in full automation. The benefits may include:

- Increased productivity
- Increased pick accuracy
- Improved safety
- Reduced operator fatigue



Auto Positioning System, available on TSP models, increases consistency and pick accuracy in very narrow aisle applications, boosting productivity by taking a more effective route to the next pick position. Includes Auto Fence.



For low-level order picking applications, the **QuickPick™ Remote System** uses wireless technology to remotely advance the truck. By reducing the number of times the operator gets on and off the truck, QuickPick Remote helps promote safety, reduces operator fatigue and boosts productivity, saving up to five seconds per pick.



Auto Fence, available on TSP models, helps promote safety by automatically slowing travel speed, stopping or limiting truck height within the VNA (very narrow aisle) based on the location of the truck.

Lift Trucks for Most Any Application

Crown lift trucks support a wide range of demanding applications in warehouse, manufacturing and distribution.



Dock Work
Maneuverability is key in exacting dock work. That's why Crown lift trucks are designed to make tight turns and give operators precise control.



Order Picking
Speed and ease are paramount in demanding order picking situations. Crown lift trucks are designed to expedite each task and get more work done.



Transport
Speed and durability go full force for applications that require transport of loads within the warehouse or in preparation for movement outside the warehouse.



Rack Storage
Crown lift trucks support rack storage applications with precise operator controls to help ensure fast, easy and safe inventory movements.



Narrow Aisle
Crown's leadership in narrow aisle applications means customers can count on lift trucks that make the most of every inch.



Very Narrow Aisle
Tight aisles and soaring heights are familiar territory for Crown lift trucks. We have years of experience supporting efficient operations.



Bulk Storage
Big, heavy loads rely on the strength of Crown lift trucks. Operators rely on the exceptional precision and control provided by Crown's Intrinsic Stability System.™



Outdoor
Crown's IC forklifts are designed to perform indoors and outdoors. Built to withstand tough environments, Crown's IC trucks won't let you down.



Lift Truck Selector Guide

This product selector guide is designed to assist you in identifying the appropriate lift truck solutions for your operation, application and tasks.

| Model | Dock Work | Order Picking | Transport | Rack Storage | Narrow Aisle | Very Narrow Aisle | Bulk Storage | Outdoor |
|---------------------------------|-----------|---------------|-----------|--------------|--------------|-------------------|--------------|---------|
| Counterbalance | | | | | | | | |
| RC Series | ■ | | ■ | ■ | | | ■ | |
| SC Series | ■ | | ■ | ■ | | | ■ | ■ |
| FC Series | ■ | | ■ | ■ | | | ■ | |
| C-5 Series Cushion | ■ | | ■ | ■ | | | ■ | |
| C-5 Series Pneumatic | ■ | | ■ | ■ | | | ■ | ■ |
| C-G Series | | | ■ | ■ | | | ■ | |
| Reach Trucks | | | | | | | | |
| RM/RMD Series | | | ■ | ■ | ■ | | ■ | |
| RR/RD Series | | | ■ | ■ | ■ | | ■ | |
| ESR Series | ■ | | ■ | ■ | ■ | | ■ | |
| Very Narrow Aisle Trucks | | | | | | | | |
| TSP Series | | ■ | | ■ | | ■ | | |
| Order Pickers | | | | | | | | |
| SP Series | | ■ | | | ■ | ■ | | |
| MPC Series | ■ | ■ | ■ | ■ | | | ■ | |
| WAV Series | | ■ | | | | ■ | | |
| GPC Series | | ■ | ■ | | | | | |
| Stackers | | | | | | | | |
| ST/SX Series | | | | ■ | ■ | | ■ | |
| SH Series | | | | ■ | ■ | | ■ | |
| SHR Series | | | | ■ | | | ■ | |
| ES/ET Series | | | | ■ | | | ■ | |
| DT Series | ■ | ■ | ■ | ■ | ■ | | ■ | |
| WB Series | ■ | | | ■ | | | ■ | |
| B/M Series | | | | ■ | ■ | | ■ | |
| Pallet Trucks | | | | | | | | |
| PTH Series | ■ | | | | | | | |
| WP Series | ■ | | | | | | ■ | |
| PW Series | ■ | | | | | | ■ | |
| WT Series | ■ | ■ | ■ | | | | ■ | |
| PE Series | ■ | ■ | ■ | | | | ■ | |
| PC Series | ■ | ■ | ■ | | | | | |
| PR Series | ■ | | ■ | | | | ■ | |
| RT Series | ■ | | ■ | | | | | |
| QuickPick Remote | ■ | ■ | ■ | | | | | |
| Tow Tractors | | | | | | | | |
| TR/TC Series | | ■ | ■ | | | | | |

Counterbalance Forklifts

Counterbalance forklifts are designed to handle a wide variety of material handling tasks and can be customized with a range of load-handling attachments. No matter which Crown counterbalance forklift is selected, customers experience strength and durability for the long run.

FlexRide™ Adjustable Floorboard

This feature offers improved shock and vibration protection compared to a conventional floorboard and also includes a weight adjustment feature to fit operators of different sizes.



Available on RC 5500 Series

Confidence Built-in

Crown's **Intrinsic Stability System** proactively monitors and communicates real-time information to support truck safety and reliability. Paired with the Crown-built AC motors and planetary drive units, it creates a powerful combination that boosts operator confidence with every move.



RC 5500 Series

Tire: Cushion
Power: Electric 36V
Load Capacity: 1360 to 1800 kg
Lift Height: 3910 to 7010 mm



SC 5200 Series

Tire: Cushion
Power: Electric 36/48V
Load Capacity: 1360 to 1800 kg
Lift Height: 2895 to 7010 mm



FC 5200 Series

Tire: Cushion
Power: Electric 36/48V
Load Capacity: 2000 to 3000 kg
Lift Height: 3200 to 7925 mm



SC 6000 Series

Tire: Pneumatic (Super Elastic)
Power: Electric 48V
Load Capacity: 1300 to 2000 kg
Lift Height: 2895 to 7490 mm

Counterbalance Forklifts

Crown offers IC lift trucks that offer real uptime and lower total costs—even in the toughest application environments. For example, the C-5 Series provides more uptime and power over other conventional lift trucks, from the brickyard to the warehouse.



On-Demand Cooling™

With On-Demand Cooling (ODC), the C-5 Series remains cool and clear even in the dirtiest environments. At every start-up, airflow is automatically reversed so debris is blown clear.



Dual Core Radiator

Temperature management is further supported with a dual open-core radiator that provides separate cooling for the engine and transmission for better long-term performance.



Industrial Engine

Crown's LPG powered 2.4 liter industrial engine is designed for the toughest applications and reduces maintenance with 4X fewer oil change requirements.



Power Brakes

Crown's exclusive Power Brake System delivers durability and performance advantages, and virtually eliminates brake maintenance.



C-5 Series

Tire: Cushion
Power: Internal Combustion - LPG
Load Capacity: 1814 to 2948 kg
Lift Height: 4368 to 7010 mm



C-5 Series

Tire: Pneumatic (Super Elastic)
Power: Internal Combustion - LPG
Load Capacity: 1814 to 2948 kg
Lift Height: 4368 to 7010 mm



C-G Series

Tire: Cushion
Power: Internal Combustion - LPG
Load Capacity: 3175 to 5443 kg
Lift Height: 2997 to 6045 mm

Reach Trucks

Rider Reach Trucks are generally used in narrow aisle applications where storage density and material handling productivity requirements are high.

Monolift™ Mast

This innovative mast design offers excellent rigidity—all the way to 12,825 mm—and substantially greater load capacity at height.



Xpress™ Lower

The Xpress Lower feature increases lower speeds so the operator spends less time waiting for the load to lower and more time moving pallets.



Traction Control

OnTrac™ Anti-Slip Traction Control reduces tire spin and improves control.



Regenerative Lower

The RM 6000 Series carefully uses energy and gives it back as the mast is lowered—extending battery.



RM 6000 Series
Load Capacity: 2000 kg
Lift Height: 4875 to 10160 mm



RM 6000S Series
Load Capacity: 2000 kg
Lift Height: 4875 to 10160 mm

RMD 6000 Series
MonoLift™ Mast Deep Reach
Load Capacity: 1450 kg
Lift Height: 4875 to 10160mm

RMD 6000S Series
MonoLift™ Mast Deep Reach
Load Capacity: 1450 kg
Lift Height: 4875 to 12825 mm



RR 5700 Series
Load Capacity: 1600 & 2000 kg
Lift Height: 5025 to 10160 mm



RR 5700S Series
Load Capacity: 2000 kg
Lift Height: 5025 to 11225 mm



ESR 5200 Series
Load Capacity: 1400 to 2000 kg
Lift Height: 2760 to 13000 mm

RD 5700 Series
Deep Reach
Load Capacity: 1450 kg
Lift Height: 5025 to 10160 mm

RD 5700S Series
Deep Reach
Load Capacity: 1450 kg
Lift Height: 5025 to 11225 mm

Very Narrow Aisle Trucks

Very Narrow Aisle Trucks are used in very narrow aisle applications, such as order picking and stock replenishment, where the operator must be elevated to perform the task.

MoveControl™ Seat

Comfortable and confident operators are more productive. The Crown MoveControl Seat positions the operator for the right task.



Top Battery Access

Ergonomic easy-top battery access eliminates the difficulty of removing batteries to perform routine maintenance.



Visibility

Clear vision is the foundation of operator confidence. With a large viewing window, the SP Series helps operators be more productive.



The Wave™ Work Assist Vehicle™

Customers benefit from the Wave Work Assist Vehicle's ability to smoothly move up and down while traveling for better, faster order picking and put-away.



Order Pickers

Crown can optimize your order-picking process—both on the ground and at high elevations. Excellent driving performance, stability and industry-leading ergonomics allow operators to work productively and confidently.



TSP 6500 Series (shown)
Turret Stockpicker
Load Capacity: 1500 kg Lift
Lift Height: 4900 to 13485 mm

TSP 7000 Series
Turret Stockpicker
Load Capacity: 1500 kg
Lift Height: 4900 to 17145 mm

Available with:
• Auto Positioning System
• Auto Fence



SP 3500/4000 Series
Stockpicker
Load Capacity: 1360 kg
Lift Height: 3450 to 9295 mm



SP 3570F Series
Straddle
Load Capacity: 1360 kg
Lift Height: 5334 to 9296 mm



MPC 3000 Series
Order Picker with Mast
Load Capacity: 1179 kg
Lift Height: 787 to 4292 mm

SP 3580F Series (shown)
Platform and Cart Handler
Load Capacity: 680 kg
Lift Height: 5334 to 9296 mm



WAV 60 Series
Work Assist Vehicle
Load Capacity: 135 kg operator, 90 kg load tray, 115 kg load deck
Platform Lift Height: 2995 mm



GPC Series
Low Level Order Picker
Load Capacity: 2721 kg
Platform Lift Available

Available with:
• QuickPick Remote System

Stackers

Stackers are used in applications where loads can be stored above floor level and when minimal travel distances are the norm.



X10™ Handle

Crown's X-10 Control Handle provides easy access to 10 control and safety features within reach throughout the work cycle.



Exceptional Visibility

The sloped, low-profile power unit cover, center-mounted handle and clear mast design provide operators an exceptional all-around view.



ST 3000 Series
Walkie Straddle Stacker
Load Capacity: 1000 kg
Lift Height: 2400 to 4250 mm



SX 3000 Series
Walkie Straddle Stacker
Load Capacity: 1500 kg
Lift Height: 2400 to 4250 mm



SH 5500 Series
Heavy-Duty Walkie Straddle Stacker
Load Capacity: 1800 kg
Lift Height: 3240 to 4880 mm



SHR 5500 Series
Heavy-Duty Walkie Reach Stacker
Load Capacity: 113 to 1600 kg
Lift Height: 3240 to 4880 mm



ES 4000 Series
Fork Over Stacker
Load Capacity: 1500 kg
Lift Height: 2438 to 5384 mm



ET 4000 Series
Fork Over Stacker
Load Capacity: 1500 kg
Lift Height: 2438 to 5384 mm



DT 3000 Series
Double Stacker
Load Capacity: 1500 kg
Lift Height: 1651 to 2590 mm



WB Series
Intermediate-Duty Walkie Stacker
Load Capacity: 900, 1300 & 1800 kg
Lift Height: 2692 to 4521 mm



B Series
Intermediate-Duty Walkie Stacker
Load Capacity: 900 kg
Lift Height: 1371 to 2794 mm



M Series
Intermediate-Duty Walkie Stacker
Load Capacity: 900 kg
Lift Height: 1701 to 3302 mm

Pallet Trucks

Pallet trucks are used in a wide range of floor-level applications. They provide a reliable, economical material handling solution.



Rugged and Powerful

A Crown-designed and -built drive unit has a powerful AC drive motor, robust in-line spur gears, and is top-and-bottom-mounted to provide power and durability.



Guaranteed Durability

A heavy-duty undercarriage and power unit provide the rugged durability customers demand.



PTH 50 Series
Hand Pallet Truck
Load Capacity: 2300 kg



Manual Shown

PTH 50S Manual Scissor Lift
PTH 50PS Powered Scissor Lift
Hand Pallet Truck
Load Capacity: 1000 kg
Lift Height: 800 mm



WP 3000 Series
Walkie Pallet Truck
Load Capacity: 2000 kg



PW 3500 Series
Walkie Pallet Truck
Load Capacity: 2721 and 3628 kg



PE 4000/4500 Series
End-Control Pallet Truck
Load Capacity: 2700 to 3600 kg
Forks: Double and triple lengths available
Power steering available



PR 4500 Series
Rider Pallet Truck
Load Capacity: 2721 and 3628 kg
Forks: Double and triple lengths available



RT 4000 Series
Rider Pallet Truck
Load Capacity: 2000 kg
Forks: Double length available



WT 3000 Series
Platform Pallet Truck
Load Capacity: 2494 kg
Platform: Foldable or fixed



PC 4500 Series
Center-Control Pallet Truck
Load Capacity: 2700 to 3600 kg
Forks: Double and triple lengths available

Available with:
• QuickPick Remote System

Tow Tractors

Innovative technology and heavy-duty construction are the cornerstones of Crown's tow tractors, offering proven pulling power and control for manufacturing, warehouse and distribution center applications.



TR 4500 Series
Tow Tractor
Rolling Load Capacity: 4500 kg



TC 3000 Series
Tow Tractor
Load Capacity: 3000 kg

Work Assist™ Options and Accessories

Crown's wide selection of options and accessories are designed to enhance operator productivity and comfort for unique applications and workplace environments. These rugged tools can be easily combined and positioned in the location well suited to the application and the user.



Pad Clips / Scanner Hooks



Vertical Shrink Wrap Holders



Cup Holders



Fans and Lights



PTH Load Tray and Storage Trays



Accessory Clamps / Mountings



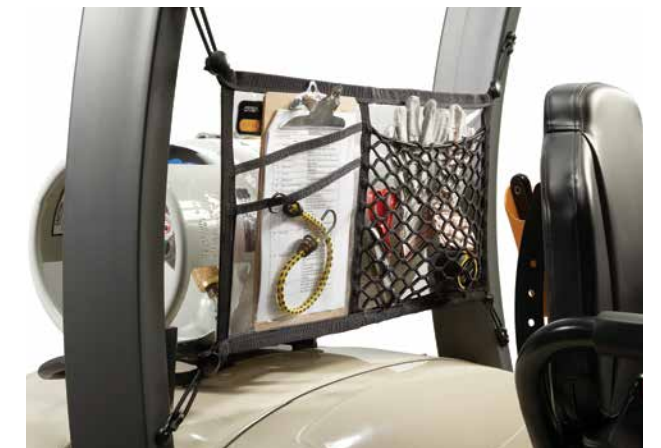
Work Lights



Mirrors



Storage and Shrink Wrap Trays



Flexible Caddy Systems

Integrity Parts and Service System

Crown's Integrity Parts and Service System is built on a system of performance to support a low total cost of ownership. This system is characterized by parts availability, factory support and trained technicians. Crown provides the resources and expertise to help maintain the performance and value of its lift trucks for the long haul.



V-Force™ Battery and Charger Options

A full line of battery and charger options and support is available through Crown's dealer network.

The integration of parts and service enables Crown to rapidly provide—and replace—parts and maintenance solutions that translate to uptime, all the time.



Crown Integrity Parts System™

The value of the Crown Integrity Parts System becomes apparent with each Crown lift truck—longer parts life, less downtime, easier and faster part replacement, lower labor costs, a longer life and higher performance.

Trust a respected lift truck manufacturer over a look-alike parts supplier to provide a long-term performance advantage for your lift trucks.



Crown Integrity Service System

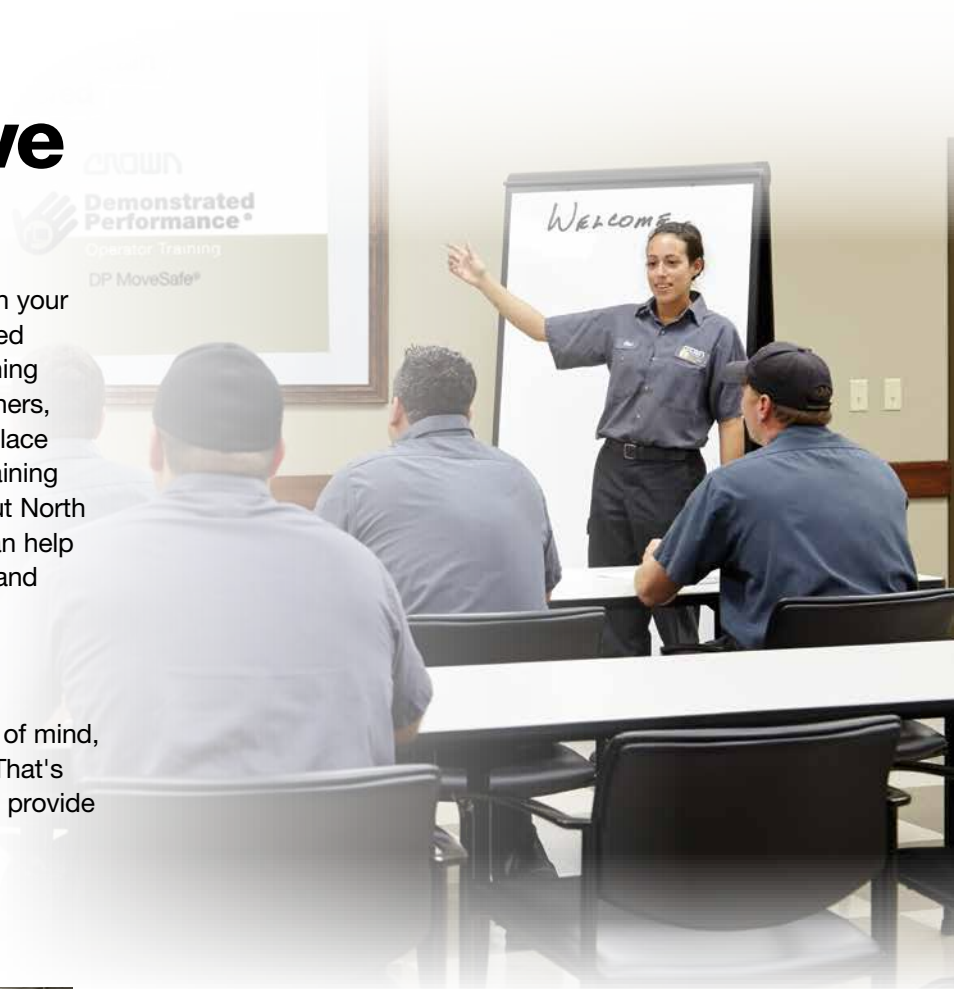
Crown has made substantial investments in engineering, technology and our people to provide expert assistance from our customer call center representatives, as well as excellent service support, warranty coverage and reliable parts.

Comprehensive Training

Learn from the experts. Crown can help you in your effort to provide a safe and productive powered industrial lift truck work environment with training products and services for your operators, trainers, supervisors, technicians and even your workplace pedestrians. Available through our regional training centers and retail branches located throughout North America, Crown's forklift training programs can help you promote performance, encourage safety and reduce your total cost of ownership.

The Most Important Factor is You

Crown lift trucks are designed with safety top of mind, but a lift truck is only as safe as its operator. That's why we not only build safe lift trucks, but also provide excellent, comprehensive training programs.



Demonstrated Performance*
Operator Training
DP MoveSafe®



encore™

Crown Encore™ Lift Trucks

With comprehensive repair and replacement and the assurance of an industry-leading warranty, Crown's Encore Lift Trucks provide guaranteed performance at a competitive price.

- **Repair and replacement**
- **Complete reconditioning**
- **Finishing and inspection**

ecologic™

Clean Environment. Smart Business.

As a global leader in material handling, Crown has the responsibility and the opportunity to make a difference. We believe this difference starts with our sustainability promise, processes and products.

Crown Products and Services

At Crown, we can provide extra value in your material handling solutions. Let Crown take the time to design, plan and implement your customized solution, allowing you to remain focused on your business objectives.



Lift Trucks for Every Application



Warehouse Solutions Products



Fleet Management



Safety and Training



V-Force Batteries and Chargers



Integrity Parts



Rentals



Integrity Service



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