

CROWN

# SC 6000 SERIES





# The concept is simple. Getting it right is the hard part.

Counterbalance trucks rely on a simple balance concept. When it's done right, operators are more confident, risks are reduced and work flows smoother. The SC 6000 Series incorporates more than just basic physics however. Attention to detail, advanced engineering, a solid foundation and task-focused ergonomics — that's the ideal balance you find on the Crown SC 6000 Series.

Crown gives you more value and versatility in a multipurpose truck. Tailor the SC 6000 Series to meet your needs. You can choose from 3-wheel and 4-wheel models with capacities from 1.3 to 2.0 tons. Each gives you a distinct

edge on stability and manoeuvrability. Optimise further with options for controls, lights, accessories and more.



SCF 6040  
Hard Cabin

SCT 6010

## SCF 6000 Four Wheel Counterbalance

- **Capacity**  
1.6, 1.8 and 2.0 ton
- **Masts**  
Simplex, Duplex, Triplex and Quad
- **Max. Lift Height**  
7495 mm
- **Battery**  
550–750 Ah



## SCT 6000 Three Wheel Counterbalance

- **Capacity**  
1.3, 1.6, 1.8 and 2.0 ton
- **Masts**  
Simplex, Duplex, Triplex and Quad
- **Max. Lift Height**  
7495 mm
- **Battery**  
330–750 Ah





# Comfort and control.

## A personal approach.

Life can be challenging for operators. They're on and off the truck all day, inside and outside, in all kinds of weather. Rough ground, tight spaces, poor lighting and traffic make it tougher. They need a truck that makes the job easier, and the SC 6000 Series delivers. Operators have unobstructed sight lines, more headroom and simplified ingress and egress. Cabin, control and accessory options can be tailored to fit the task.

### Cabin Options



Weather impacts performance. Take a personal approach and get more done with Crown's cabin options. The partial cabin includes a windshield with wiper, a roof with reading light and rear panel with wiper. Add soft doors with embedded magnets when a simplified enclosure suffices. For the ultimate in all-weather protection, the hard cabin option features clear view doors, 2-way sliding windows and heater option.



Partial Cabin



Soft Cabin



Hard Cabin

Shown with hard cabin installed.

### Visibility Window

For the best truck all around, you need all-round visibility. With visibility to the fork tips, out the sides or to the rear, operators gain a clear advantage on the SC 6000 Series. And it's the same with or without a cabin.



### Hydraulic Control Options

Fingertip controls (left) allow blending of up to 4 functions. Dual-lever controls (centre) often are preferred for use with gloves. Both are mounted in an adjustable armrest with directional control. Manual levers (right) are mounted on the chassis.



### Traction Control Options

Single pedal traction control with brake (above) or optional dual pedal traction control with brake (below) are available to match operator preference.





# Robustness. Of course. It's a Crown.

The Crown brand is all wrapped up in robustness. You can see it in the smallest details because we engineer our lift trucks for exceptional reliability. On the SC 6000 Series, you see robustness from the solid box frame to the drive units to the rigid I-beam mast and everything in between. You get steel where it counts and engineering focused on the long term.



## Mast/Integrated Side Shift

Unstable loads reduce operator confidence and can lead to damage. Crown uses nested I-beam masts to minimise longitudinal, lateral and torsional flexibility. Reliability and durability are also improved with Crown's integrated side shift featuring a carriage that shields the cylinders and prevents hydraulic oil leaks.

## H Class Drive Motors

Heat is one of the biggest threats to motors and the ability to keep a truck running when loads are heavy and ambient temperatures are up. While others provide thermal-cutback settings to protect from meltdown, Crown designs and builds motors with the highest thermal rating in the industry to handle the heat.

## Chassis Construction

It's a tough, busy world where collisions sometimes happen. You need a frame that can stand up to this harsh reality. Crown's fully enclosed box frame and symmetric design eliminates the risk of frame distortion from impacts. It's a solid base that keeps your truck aligned for life.

## 3-Wheel and 4-Wheel Steer Axles

Steer axles take a beating over rough surfaces and dock boards. To withstand these stresses, the SC 6000 Series steer axles feature massive steel/cast-iron construction and heavy-duty tapered roller bearings.



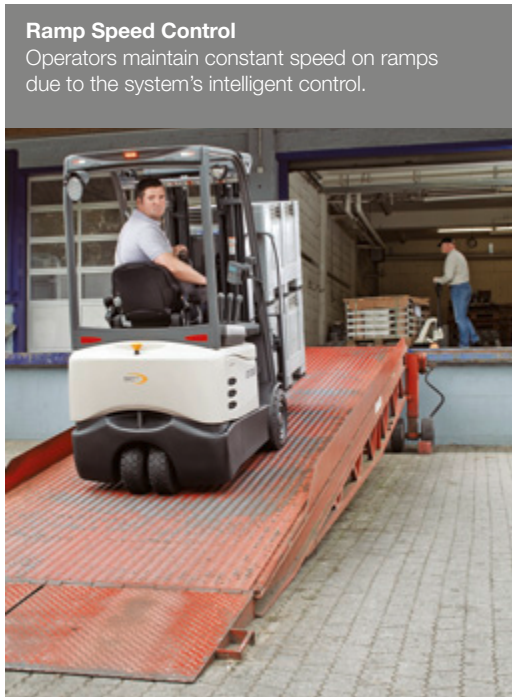
# Safety. Work from a position of strength.

Ramps, uneven surfaces, racking, product variations and traffic present an ever-changing environment with risk of injury and damage. That's why Crown created the Intrinsic Stability System. It's a proactive approach to stability and control that doesn't just react to risk.

The intelligent system uses integrated sensors and controllers to constantly monitor and control key functions and movements. It leverages the truck's inherent engineered stability to optimise safety and performance. Our patent-pending mast staging and cushioning system also helps operators keep control of the moving load at all times. So even when they aren't thinking about safety, the truck is providing it.



**Travel and Cornering Speed Control**  
The on-board intelligence assists the operator with control based on load weight, lift height, steer angle and truck speed.



**Ramp Speed Control**  
Operators maintain constant speed on ramps due to the system's intelligent control.



**Tilt Speed Control**  
System-controlled tilt speeds reduce the risk of a truck tip over.

**2-Degree Lift Zone**  
With forks above free lift height and with a load, forward tilt is limited to 2 degrees.

**FREE LIFT HEIGHT**



**Hydraulic Speed Control**  
Tilt/accessory speeds are limited automatically based on fork height and load weight.

**Weight Matters**  
The SC 6000 Series puts more mass where it counts with heavy use of steel, plus a stability-enhancing counterweight that exceeds required standards.



**Full Tilt and Lift Speed Zone**  
Below free lift height, operators have a full range of forward tilt and full tilt speed.

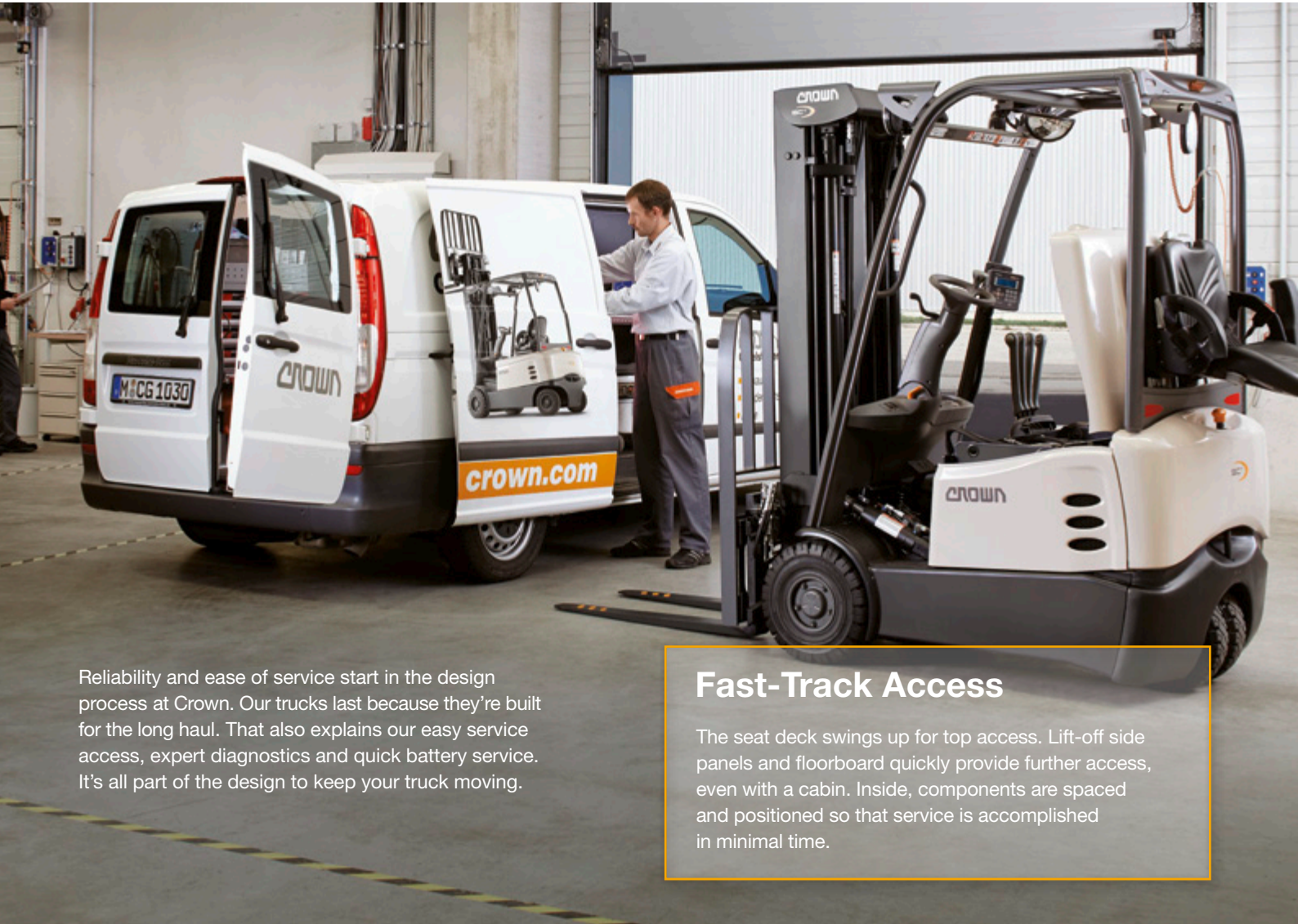
## Lighting Options

Long-life LED lights make a dramatic difference in productivity and performance. On the SC 6000 Series, you have a range of lighting options for both inside and outside applications. They're designed to help operators see more clearly, and to make the truck more visible to others.





# Serviceability. Benefits of a long-running outlook.



Reliability and ease of service start in the design process at Crown. Our trucks last because they're built for the long haul. That also explains our easy service access, expert diagnostics and quick battery service. It's all part of the design to keep your truck moving.

## Fast-Track Access

The seat deck swings up for top access. Lift-off side panels and floorboard quickly provide further access, even with a cabin. Inside, components are spaced and positioned so that service is accomplished in minimal time.

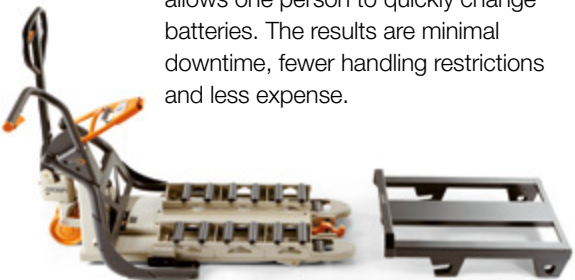
## Access 1 2 3®

Crown's patented Access 1 2 3® technology gives you instant, on-board diagnostics. There's no hassle of hooking up a handset or laptop. The easy-to-understand display communicates event codes, while a built-in multimeter can be used to pinpoint the origin of faults. Repairs are faster, too, with no need to swap out components in trial-and-error testing. Service engineers simply drive suspect components and test their functionality through the display.



## Battery Service Solved

Crown offers top battery access, plus lift-out and side-out options. Our unique battery transfer system (BTS 1000) allows one person to quickly change batteries. The results are minimal downtime, fewer handling restrictions and less expense.



BTS 1000



Battery Health Monitor is an option for the InfoLink® fleet management system. It provides valuable insight to help you manage cost and extend battery life. Features such as historical tracking, charging history and throughput current, battery queuing and water/temperature measurements are reported in concise, easy-to-use dashboards.

Battery Health Monitor



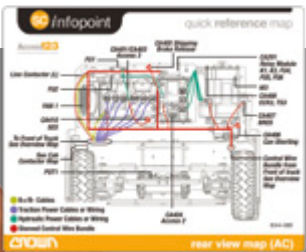
## More uptime for your money

Crown's integrated approach combines truck feedback with diagnostics, Crown-made parts and dedicated service teams to provide more uptime and the lowest total cost of ownership.



**InfoLink**

InfoLink is a wireless operator and fleet management solution that puts the power of accurate, up-to-date business metrics right at your fingertips.



**sc infopoint**

Crown's InfoPoint on-truck component maps provide service engineers with vital information to quickly, accurately and easily resolve issues without wiring diagrams or schematics.



**Integrity Service**

Crown's Integrity Service and Integrity Parts solutions ensure long-term truck performance by matching trained service engineers with Crown-made parts for long-lasting performance. That's a major difference with Crown.

On balance, it's the best truck all around... make it yours.



Visit [crown.com](http://crown.com)  
See the SC 6000 Series in action.



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SC 6000 BROCH GB 03/16, 10 – M01432-006-01  
Printed in Germany

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